

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
 Data File : BF128791.D
 Acq On : 13 Jun 2022 18:43
 Operator : CG\JU
 Sample : N3304-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-6-G

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128791.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.922	445	448	457	rVB3	212334	388713	5.36%	0.392%
2	5.004	457	462	466	rBV2	447199	531644	7.33%	0.536%
3	5.204	490	496	499	rBV	479516	541761	7.47%	0.546%
4	5.445	533	537	541	rBV	1401483	1345629	18.55%	1.356%
5	5.563	554	557	562	rBV3	295141	440359	6.07%	0.444%
6	5.610	562	565	568	rVB	470461	400518	5.52%	0.404%
7	5.651	568	572	574	rBV	228823	269329	3.71%	0.271%
8	5.822	595	601	604	rBV4	694225	1099360	15.15%	1.108%
9	5.869	604	609	612	rBV	404662	616424	8.50%	0.621%
10	5.951	620	623	628	rVB2	784514	1035162	14.27%	1.043%
11	5.998	628	631	634	rBV	413385	517315	7.13%	0.521%
12	6.051	637	640	643	rVV2	1415830	1517836	20.92%	1.530%
13	6.104	646	649	652	rVB	1013794	939415	12.95%	0.947%
14	6.134	652	654	658	rBV2	289218	421939	5.82%	0.425%
15	6.240	667	672	675	rBV2	1116253	1324023	18.25%	1.334%
16	6.334	685	688	697	rBV3	1048106	2002884	27.61%	2.019%
17	6.463	706	710	715	rBV3	1540406	2030792	27.99%	2.047%
18	6.545	719	724	728	rBV4	705110	1182005	16.29%	1.191%
19	6.581	728	730	733	rVB	384400	285174	3.93%	0.287%
20	6.639	736	740	742	rBV3	408885	562602	7.76%	0.567%
21	6.663	742	744	746	rVB	498221	411622	5.67%	0.415%
22	6.728	751	755	757	rBV4	254468	372626	5.14%	0.376%
23	6.769	760	762	764	rVV3	358199	333979	4.60%	0.337%
24	6.792	764	766	767	rVV	409976	409517	5.65%	0.413%
25	6.822	767	771	774	rVB2	1746025	1965940	27.10%	1.981%
26	6.863	774	778	781	rVB2	613625	682851	9.41%	0.688%
27	6.898	781	784	786	rBV2	483434	578256	7.97%	0.583%
28	6.922	786	788	790	rVV	581716	454091	6.26%	0.458%
29	6.951	790	793	797	rVB	1185473	1023326	14.11%	1.031%
30	6.987	797	799	801	rVB	529815	394008	5.43%	0.397%
31	7.034	805	807	810	rBV2	585867	534588	7.37%	0.539%
32	7.081	810	815	818	rVB4	938356	1272128	17.54%	1.282%
33	7.157	824	828	830	rBV2	395909	429361	5.92%	0.433%
34	7.204	830	836	838	rBV3	1142753	1209045	16.67%	1.219%
35	7.234	838	841	847	rVB4	442284	633133	8.73%	0.638%
36	7.281	847	849	853	rBV3	227266	305656	4.21%	0.308%

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Integrator: RTE

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Stop Thrs : 0

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.334	853	858	859	rBV3	800551	1000703	13.79%	1.009%
38	7.369	862	864	869	rVB2	668996	856081	11.80%	0.863%
39	7.451	874	878	881	rVB4	898884	1482226	20.43%	1.494%
40	7.510	881	888	892	rBV3	631204	1508434	20.79%	1.520%
41	7.592	899	902	904	rBV	922690	952348	13.13%	0.960%
42	7.616	904	906	909	rVB2	1217174	958607	13.21%	0.966%
43	7.692	916	919	920	rBV2	408955	416631	5.74%	0.420%
44	7.710	920	922	924	rBV	619282	389676	5.37%	0.393%
45	7.734	924	926	929	rVB2	1438210	1075762	14.83%	1.084%
46	7.769	929	932	935	rBV3	410995	532101	7.34%	0.536%
47	7.804	935	938	941	rVB3	297528	365872	5.04%	0.369%
48	7.851	941	946	948	rBV2	451890	662410	9.13%	0.668%
49	7.910	953	956	961	rBV4	499895	641353	8.84%	0.646%
50	7.969	962	966	968	rBV2	458796	587915	8.10%	0.593%
51	8.028	974	976	977	rBV2	374635	296078	4.08%	0.298%
52	8.075	981	984	985	rBV	613748	477590	6.58%	0.481%
53	8.092	985	987	990	rVB2	871377	801940	11.05%	0.808%
54	8.122	990	992	993	rBV	383798	271062	3.74%	0.273%
55	8.157	993	998	1000	rVB	2642156	2588323	35.68%	2.609%
56	8.181	1000	1002	1010	rVB7	814221	1505478	20.75%	1.517%
57	8.245	1010	1013	1015	rBV2	397275	516024	7.11%	0.520%
58	8.298	1019	1022	1024	rVB	774255	641569	8.84%	0.647%
59	8.322	1024	1026	1029	rVB2	382036	375354	5.17%	0.378%
60	8.386	1029	1037	1044	rBV4	1535066	2944931	40.60%	2.968%
61	8.439	1044	1046	1048	rBV3	539484	457900	6.31%	0.461%
62	8.475	1049	1052	1055	rVB4	559907	655949	9.04%	0.661%
63	8.522	1055	1060	1062	rBV	3118819	3068487	42.30%	3.093%
64	8.598	1071	1073	1076	rVB	495620	436159	6.01%	0.440%
65	8.639	1076	1080	1082	rBV3	858444	1107951	15.27%	1.117%
66	8.686	1086	1088	1092	rVV4	472986	511745	7.05%	0.516%
67	8.751	1097	1099	1101	rVV2	772950	913033	12.59%	0.920%
68	8.786	1101	1105	1108	rVB2	1355772	1611800	22.22%	1.624%
69	8.845	1113	1115	1117	rVB3	420530	311978	4.30%	0.314%
70	8.875	1117	1120	1123	rBV4	494811	746560	10.29%	0.752%
71	8.975	1134	1137	1140	rBV5	657981	966001	13.32%	0.974%
72	9.004	1140	1142	1146	rVB	1043148	1102589	15.20%	1.111%
73	9.092	1154	1157	1159	rBV3	461615	383688	5.29%	0.387%
74	9.122	1159	1162	1166	rVB	3192625	2612327	36.01%	2.633%
75	9.169	1167	1170	1173	rVB	1558327	1405337	19.37%	1.416%
76	9.263	1181	1186	1189	rBV4	999531	1627595	22.44%	1.640%

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 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

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 Peak separation: 5

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77	9.292	1189	1191	1195	rVV4	338421	383365	5.28%	0.386%
78	9.369	1202	1204	1208	rVB5	402109	403358	5.56%	0.407%
79	9.445	1215	1217	1219	rBV2	459565	359697	4.96%	0.363%
80	9.533	1230	1232	1234	rVB2	478030	363228	5.01%	0.366%
81	9.580	1234	1240	1242	rBV2	3933451	4058434	55.95%	4.090%
82	9.604	1242	1244	1247	rVB3	475718	382464	5.27%	0.385%
83	9.722	1261	1264	1267	rBV4	598993	720888	9.94%	0.727%
84	9.763	1268	1271	1274	rVB3	894039	925035	12.75%	0.932%
85	9.833	1279	1283	1285	rBV3	704852	1106925	15.26%	1.116%
86	9.892	1291	1293	1295	rBV	406472	348395	4.80%	0.351%
87	9.963	1302	1305	1309	rVB3	476732	439583	6.06%	0.443%
88	10.045	1317	1319	1322	rVB	579718	480450	6.62%	0.484%
89	10.116	1327	1331	1338	rVB4	1180443	1579452	21.77%	1.592%
90	10.175	1339	1341	1346	rBV4	364829	557766	7.69%	0.562%
91	10.227	1347	1350	1353	rVB2	601467	662303	9.13%	0.668%
92	10.263	1354	1356	1361	rBV5	545539	734782	10.13%	0.741%
93	10.316	1362	1365	1367	rBV3	416287	450074	6.20%	0.454%
94	10.516	1395	1399	1402	rVB	2959977	2960229	40.81%	2.983%
95	10.627	1416	1418	1420	rBV	550198	353963	4.88%	0.357%
96	10.651	1420	1422	1424	rBV	703071	580279	8.00%	0.585%
97	10.786	1439	1445	1448	rBV	5593895	7254215	100.00%	7.311%
98	11.251	1520	1524	1529	rVB	3369957	3760919	51.84%	3.790%
99	11.351	1539	1541	1546	rBV3	706006	1110339	15.31%	1.119%
100	11.604	1581	1584	1586	rVB	1034862	1014105	13.98%	1.022%

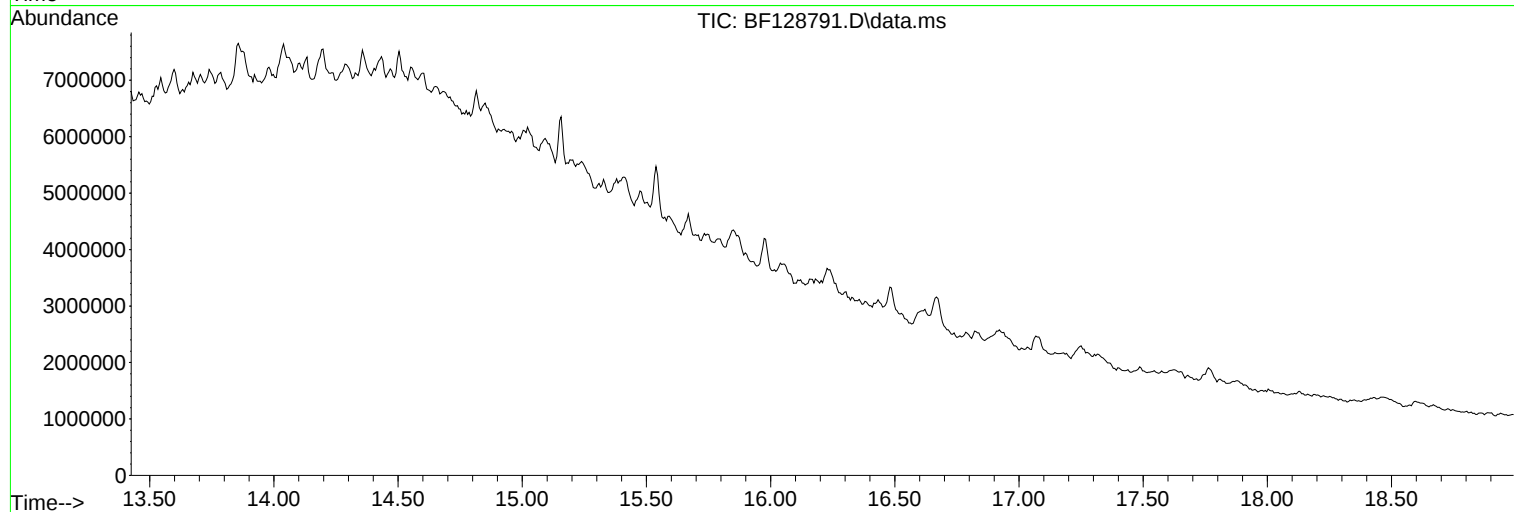
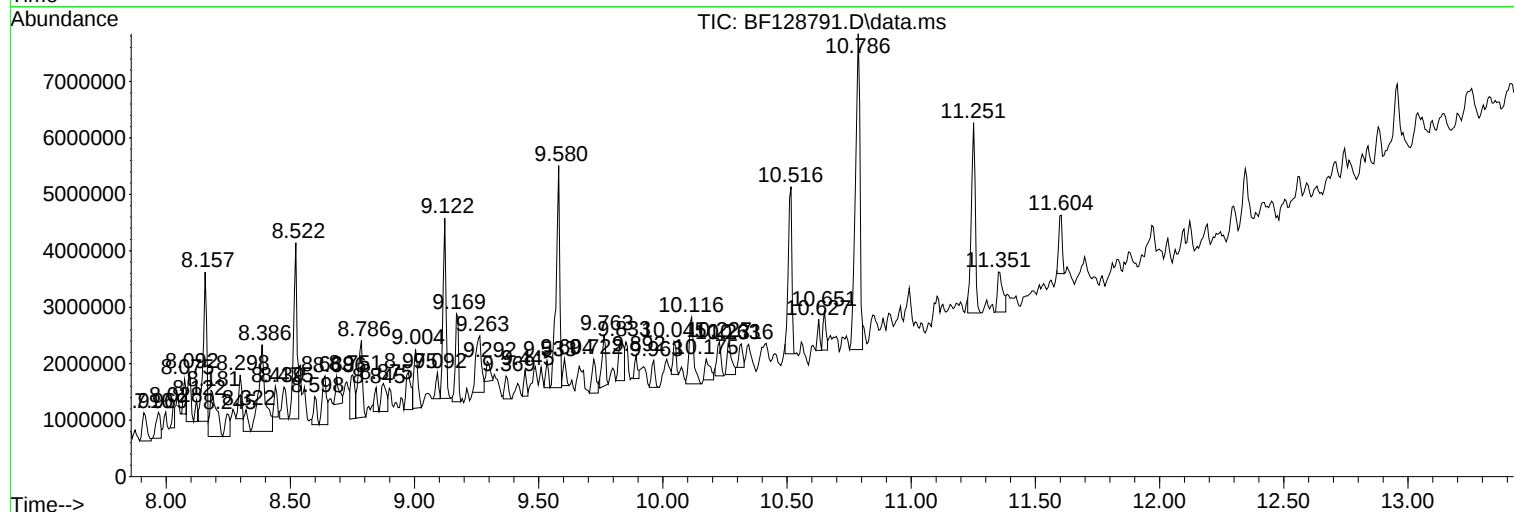
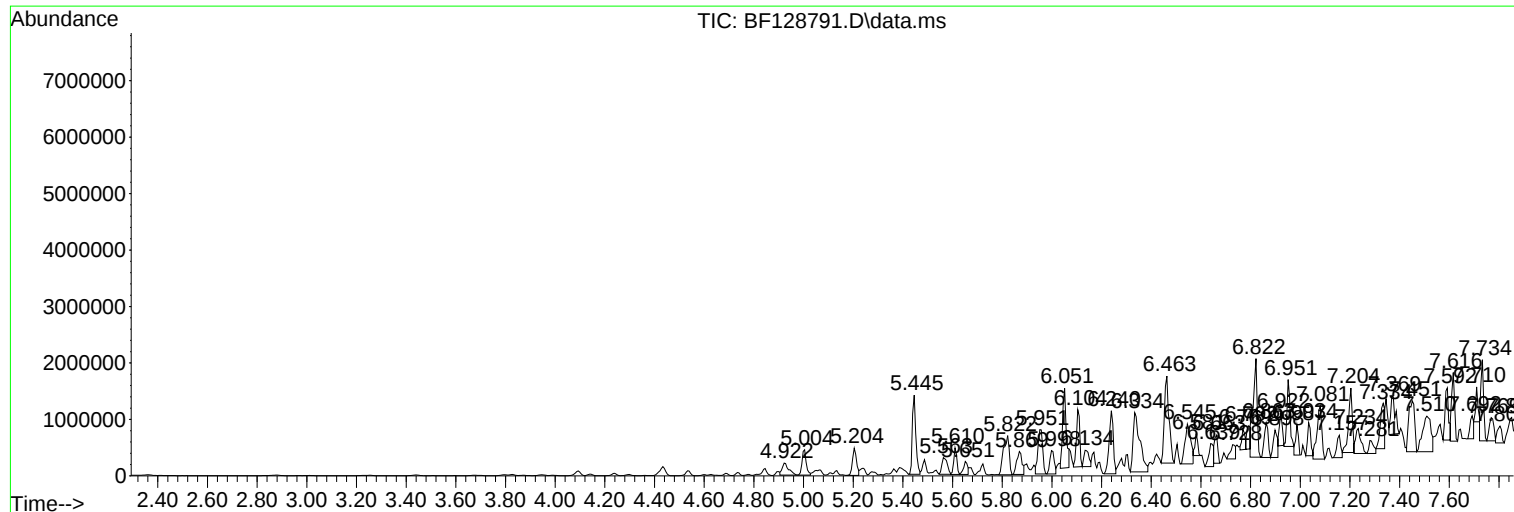
Sum of corrected areas: 99220826

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Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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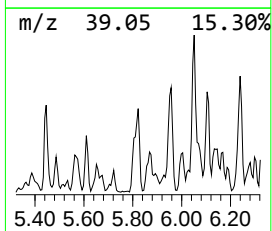
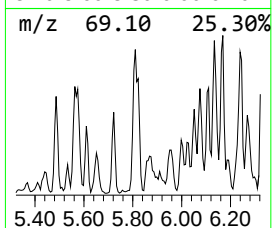
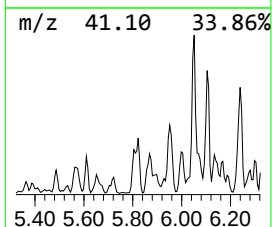
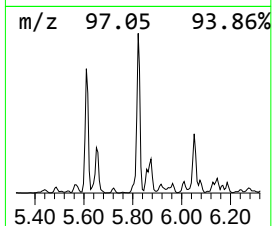
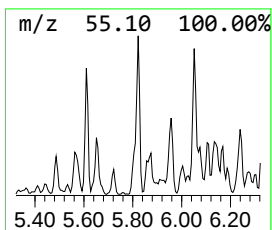
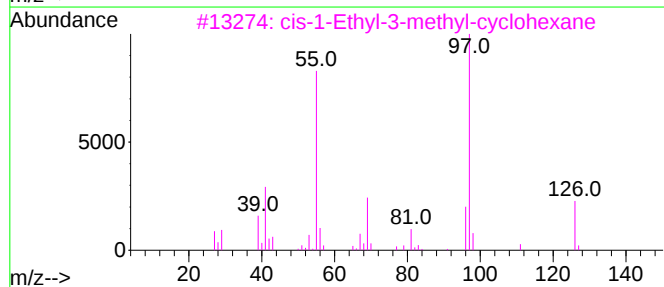
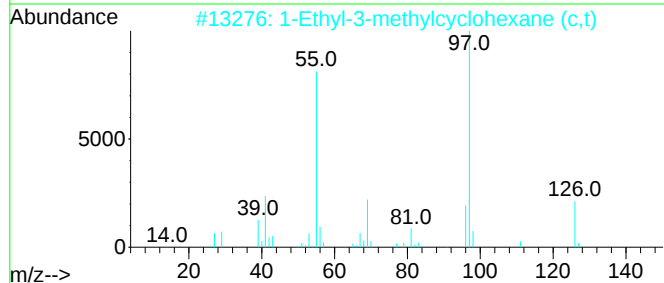
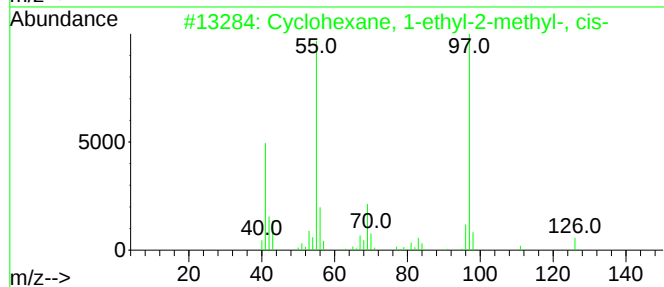
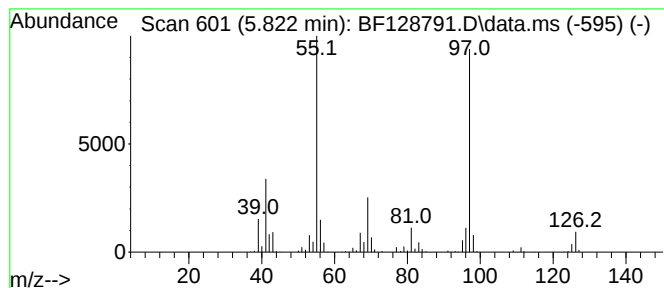
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.822	53.69 ng	1099360	1,4-Dichlorobenzene-d4	6.804

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	87
2			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	87
3			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	83
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	83
5			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	83



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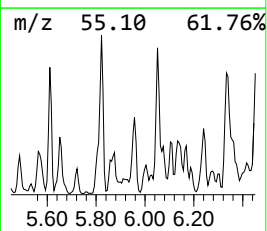
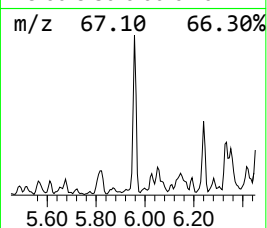
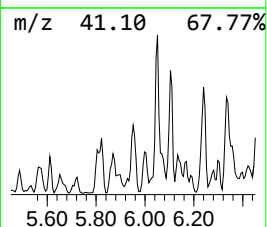
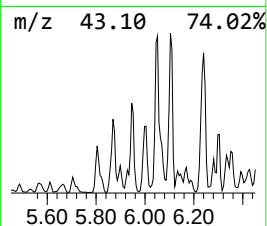
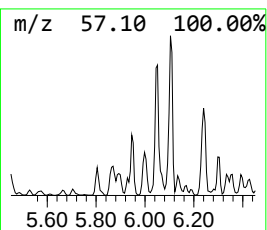
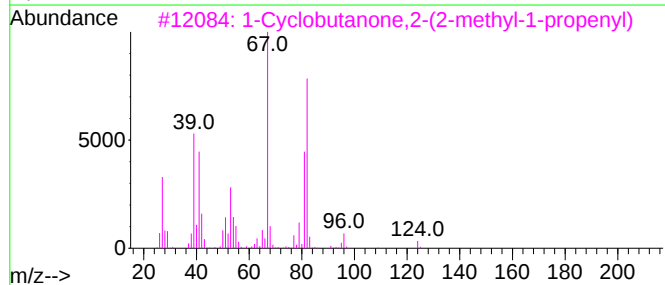
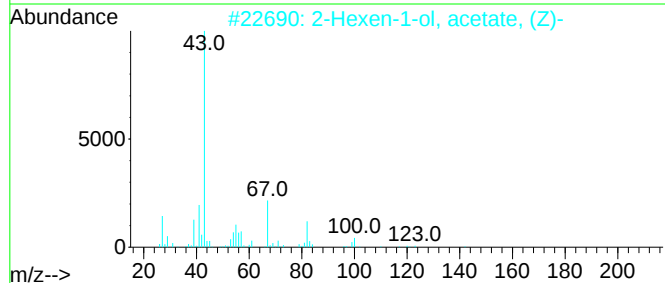
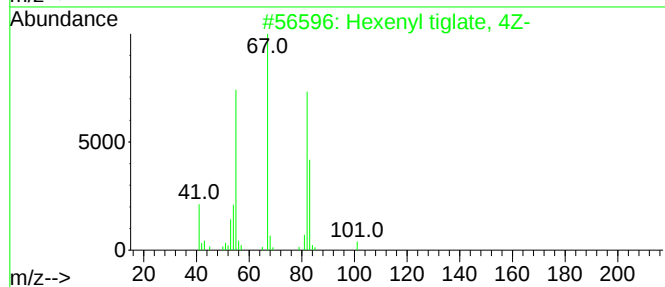
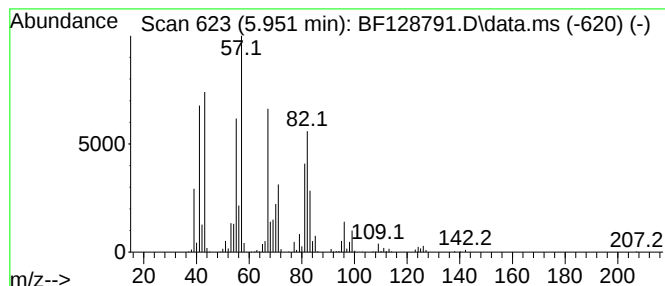
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown5.951 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.951	50.56 ng	1035160	1,4-Dichlorobenzene-d4	6.804

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexenyl tiglate, 4Z-	182	C11H18O2	1000383-63-6	38
2			2-Hexen-1-ol, acetate, (Z)-	142	C8H14O2	056922-75-9	35
3			1-Cyclobutanone,2-(2-methyl-1-pr...	124	C8H12O	091531-45-2	30
4			1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	30
5			Cyclopropane, (1-methylethylidene)-	82	C6H10	004741-86-0	27



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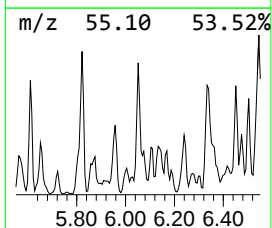
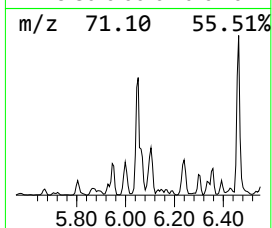
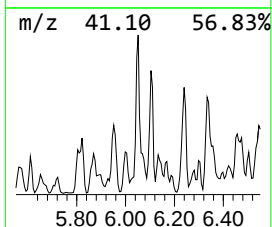
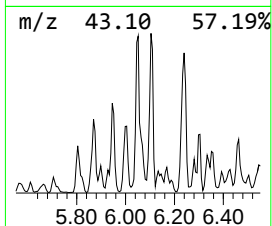
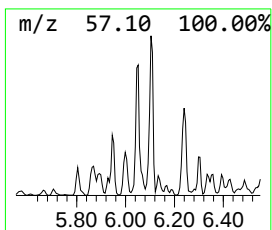
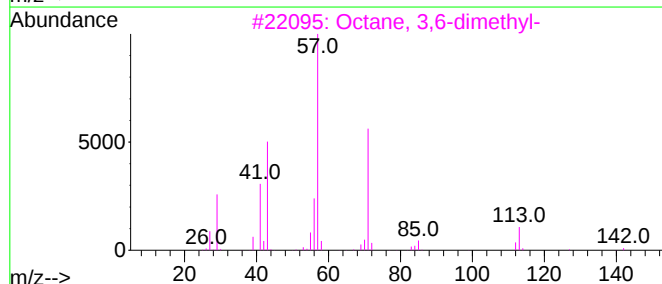
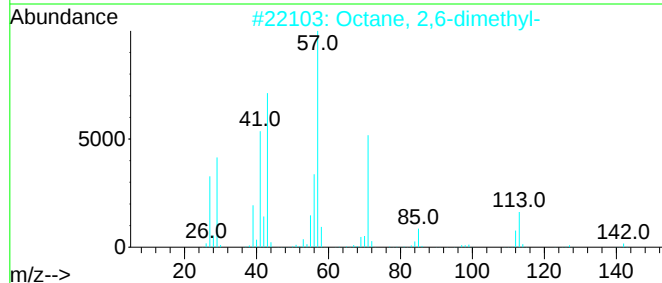
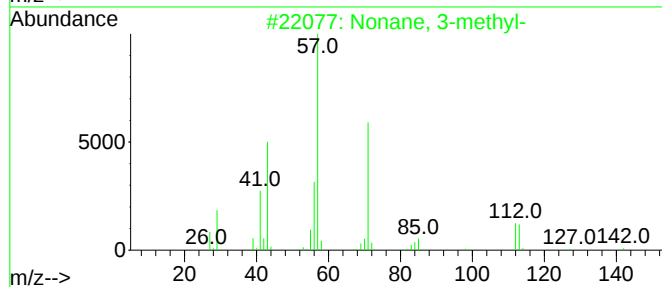
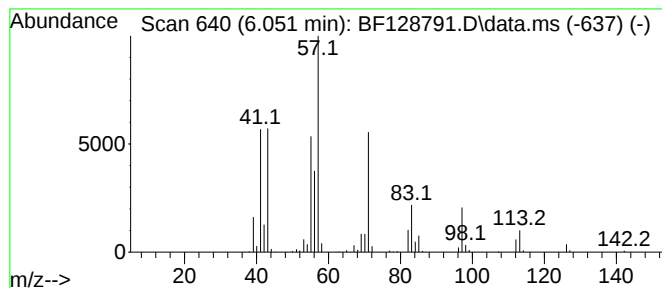
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Nonane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.051	74.13 ng	1517840	1,4-Dichlorobenzene-d4	6.804

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	64
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	50
4			Decane, 3-methyl-	156	C11H24	013151-34-3	43
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128791.D
Acq On : 13 Jun 2022 18:43
Operator : CG\JU
Sample : N3304-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14A-1A-6-G

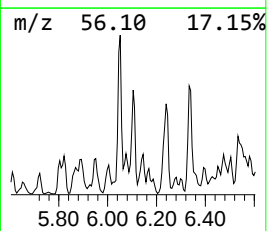
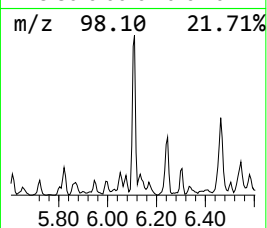
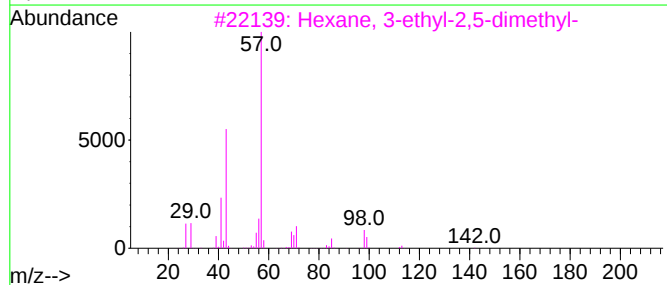
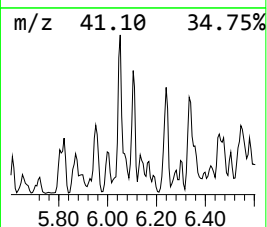
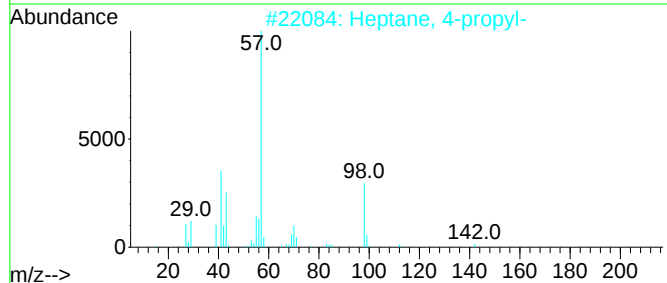
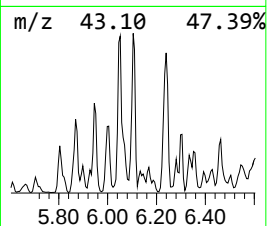
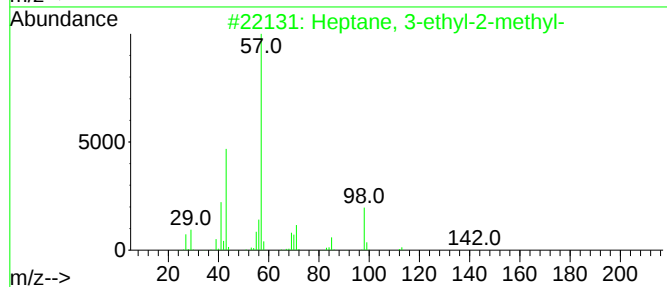
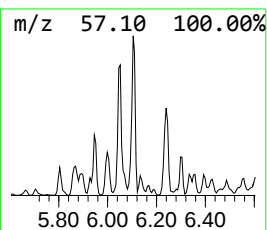
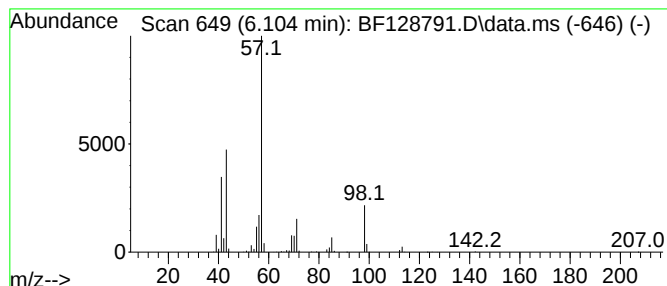
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heptane, 3-ethyl-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.104	45.88 ng	939415	1,4-Dichlorobenzene-d4	6.804

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	90
2			Heptane, 4-propyl-	142	C10H22	003178-29-8	64
3			Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	58
4			Heptane, 3-ethyl-	128	C9H20	015869-80-4	53
5			Octane, 3-methyl-	128	C9H20	002216-33-3	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128791.D
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Operator : CG\JU
Sample : N3304-06
Misc :
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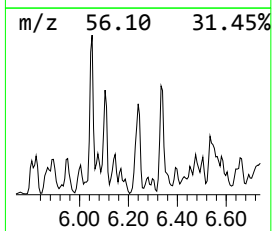
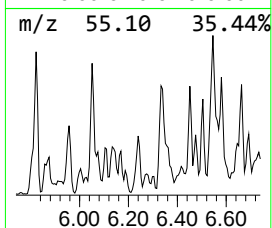
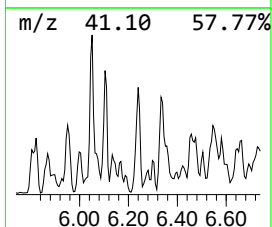
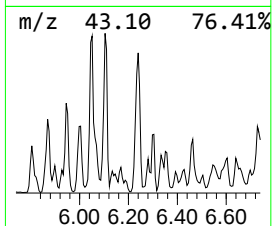
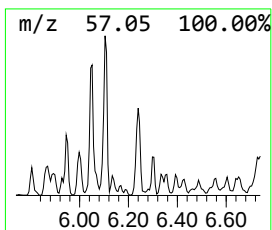
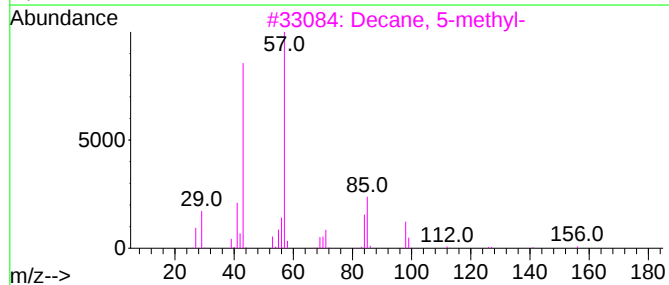
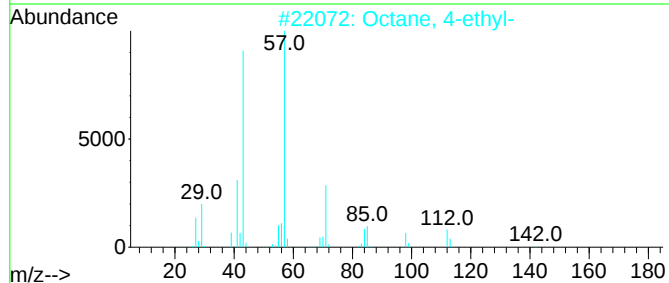
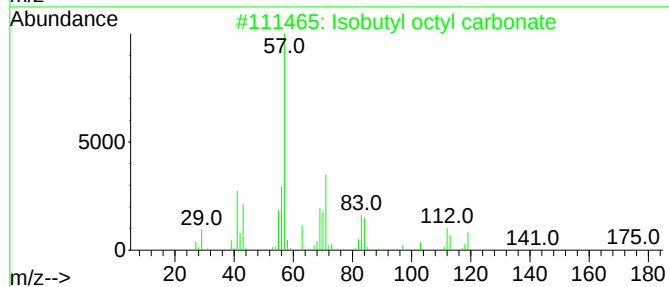
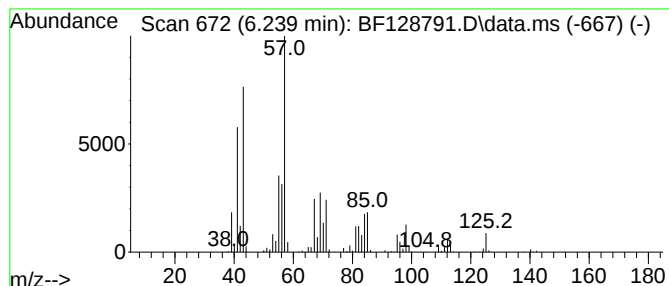
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown6.239 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.239	64.66 ng	1324020	1,4-Dichlorobenzene-d4	6.804

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isobutyl octyl carbonate	230	C13H26O3	1010372-74-6	43
2			Octane, 4-ethyl-	142	C10H22	015869-86-0	43
3			Decane, 5-methyl-	156	C11H24	013151-35-4	38
4			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128791.D
Acq On : 13 Jun 2022 18:43
Operator : CG\JU
Sample : N3304-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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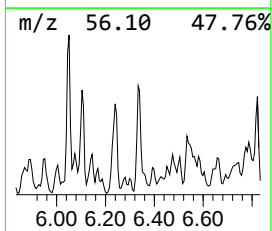
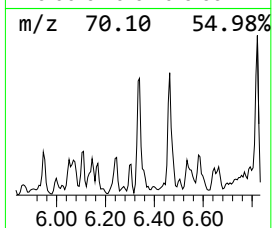
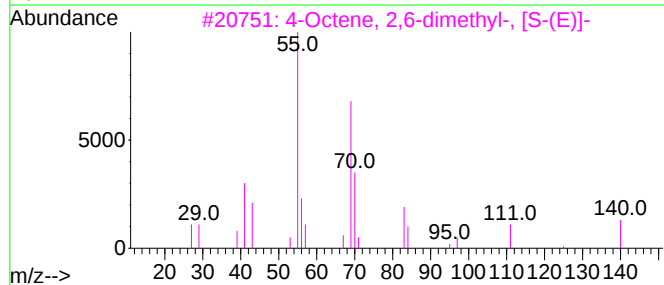
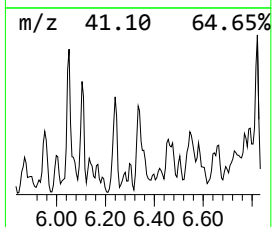
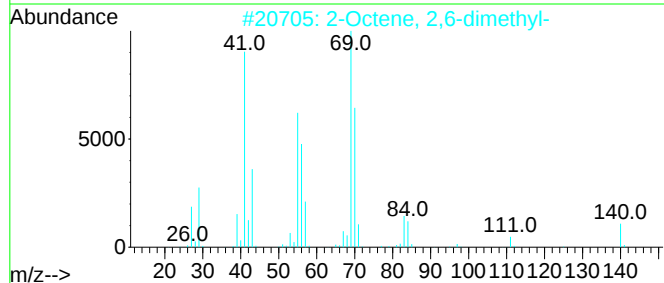
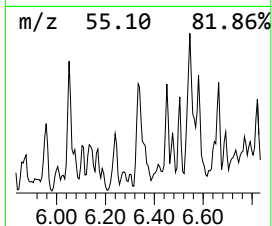
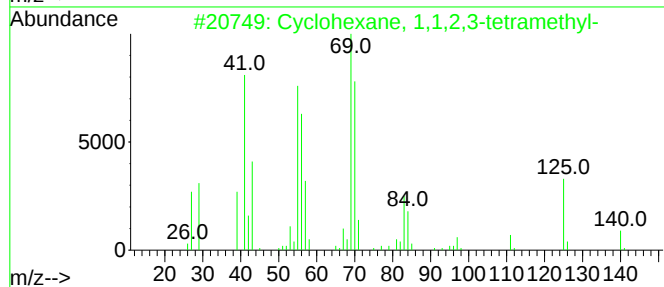
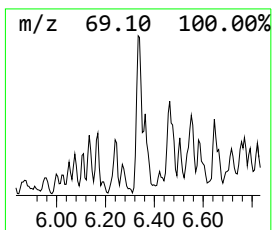
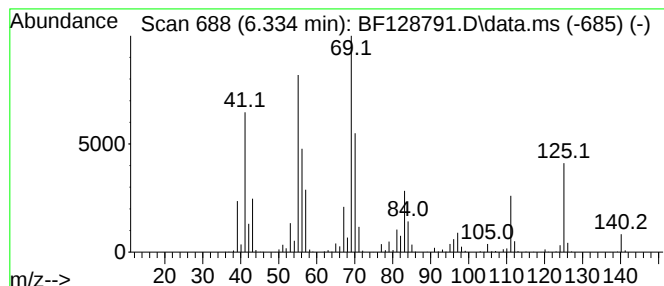
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.334	97.82 ng	2002880	1,4-Dichlorobenzene-d4	6.804

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	87
2		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	64
3		4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	52
4		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	49
5		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
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Sample : N3304-06
Misc :
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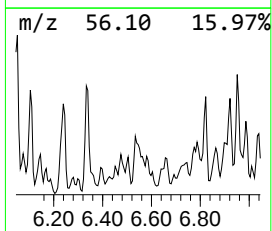
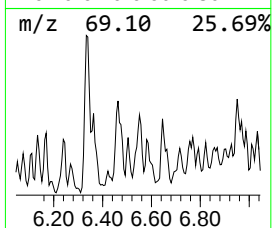
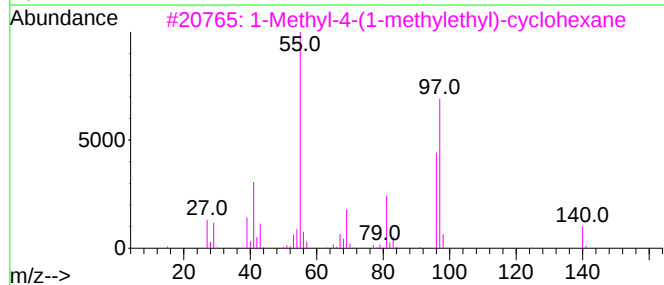
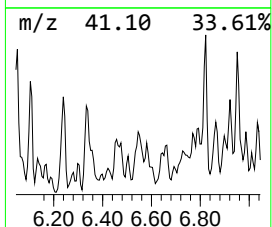
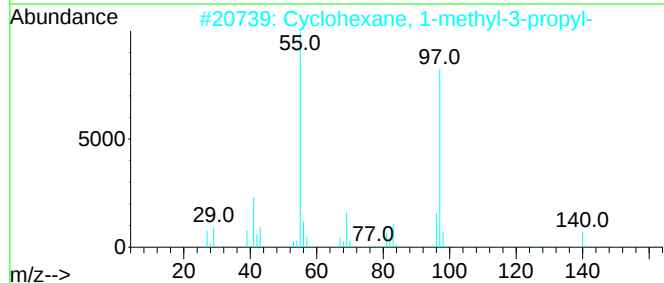
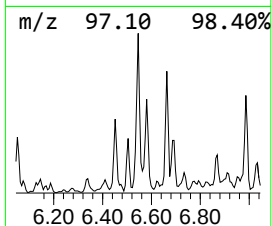
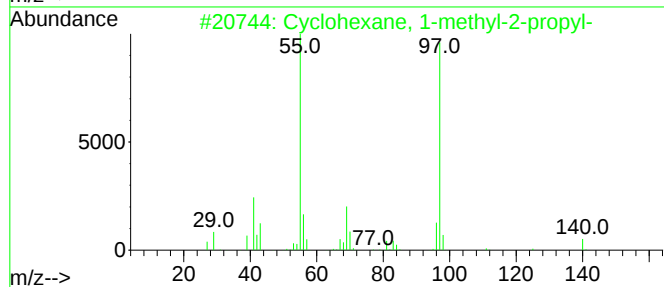
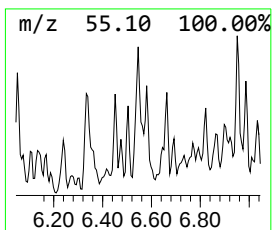
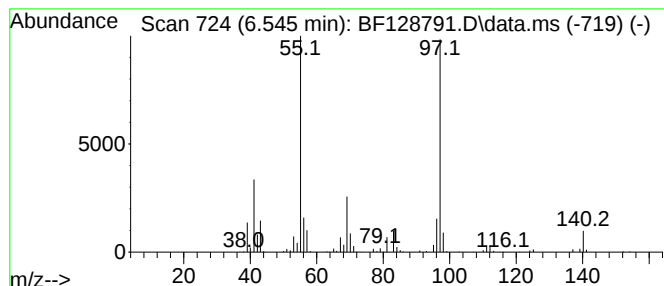
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Cyclohexane, 1-methyl-2-pro... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.545	57.73 ng	1182010	1,4-Dichlorobenzene-d4	6.804	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	94
2	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	90
3	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	80
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	80
5	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
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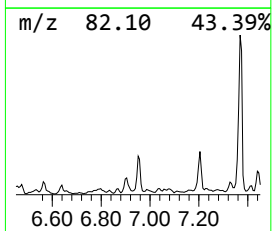
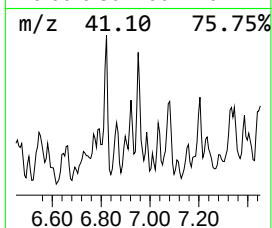
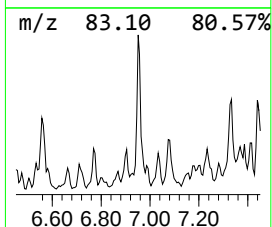
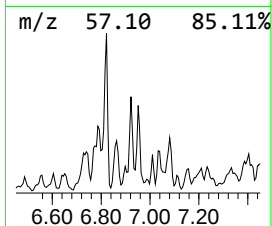
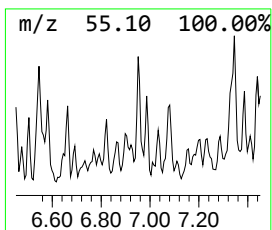
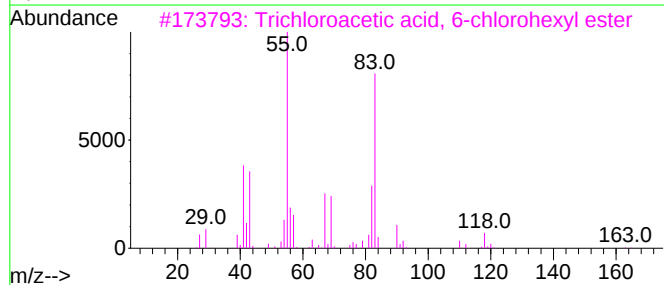
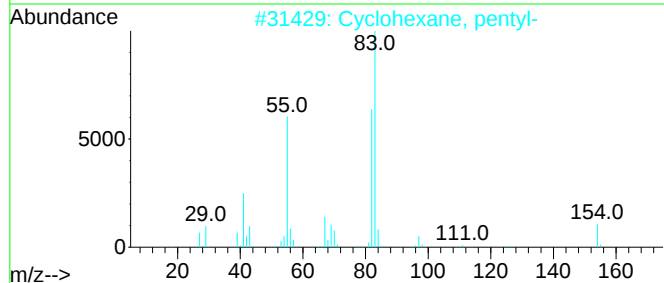
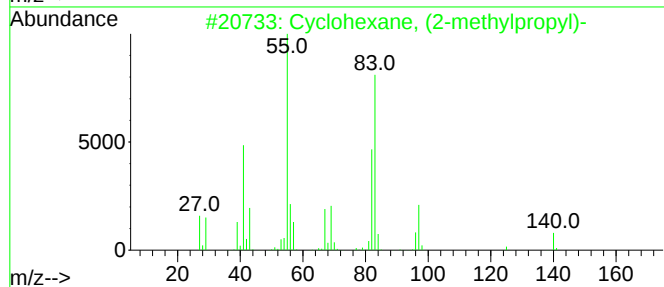
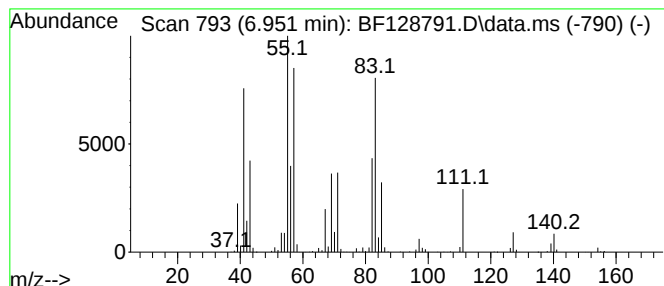
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Cyclohexane, (2-methylpropyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.951	49.98 ng	1023330	1,4-Dichlorobenzene-d4	6.804	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	52
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	47
3	Trichloroacetic acid, 6-chlorohe...	280	C8H12Cl4O2	1000330-89-2	43
4	Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	38
5	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
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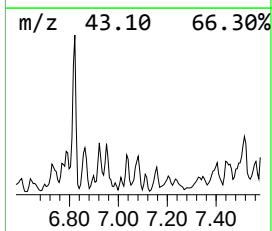
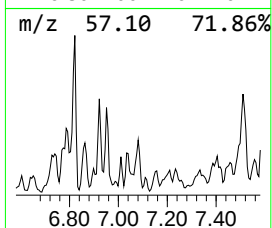
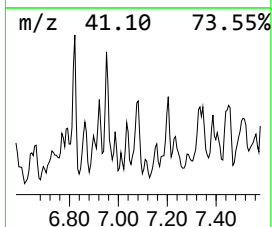
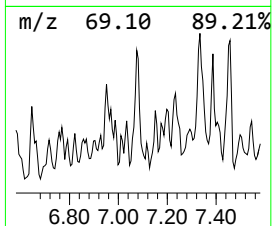
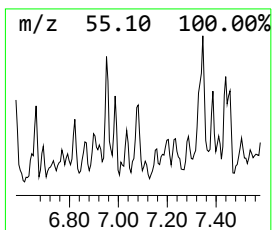
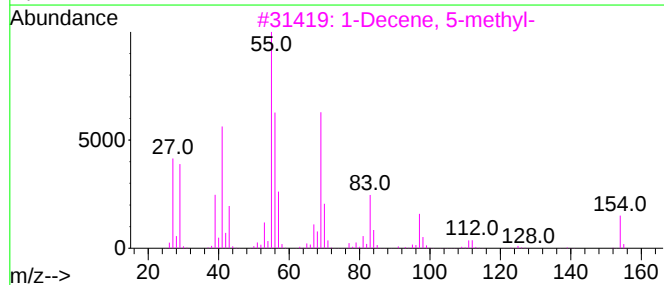
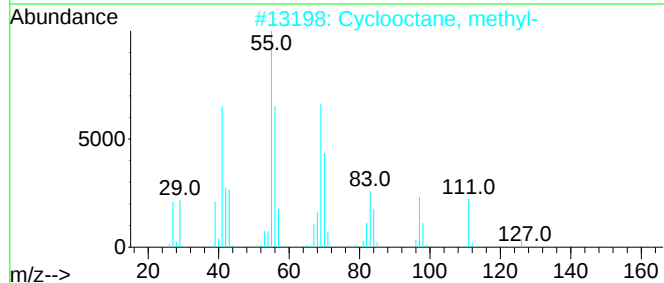
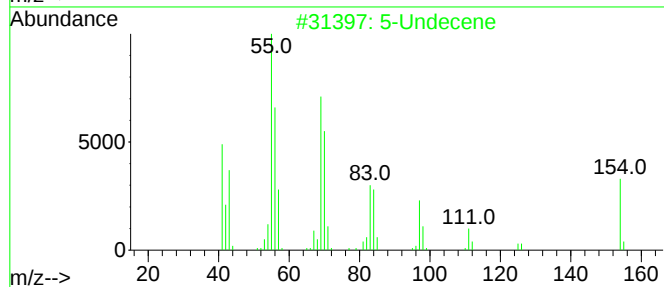
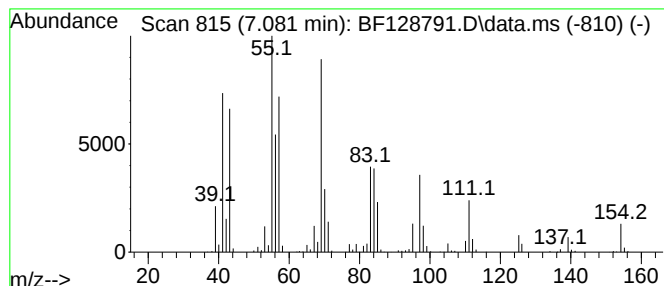
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 5-Undecene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.081	62.13 ng	1272130	1,4-Dichlorobenzene-d4	6.804

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Undecene	154	C11H22	004941-53-1	87
2			Cyclooctane, methyl-	126	C9H18	001502-38-1	81
3			1-Decene, 5-methyl-	154	C11H22	054244-79-0	76
4			1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	64
5			4-Isopropyl-1,3-cyclohexanedione	154	C9H14O2	062831-62-3	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128791.D
Acq On : 13 Jun 2022 18:43
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WC-14A-1A-6-G

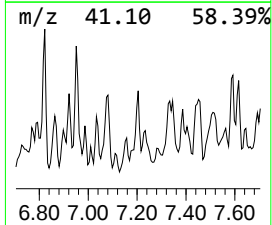
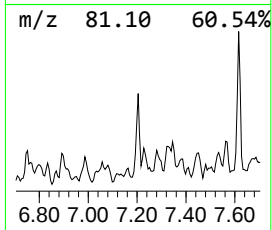
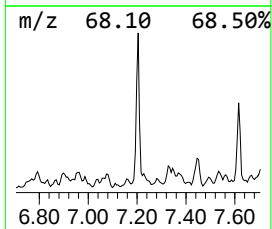
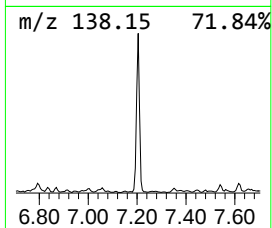
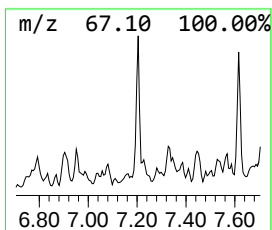
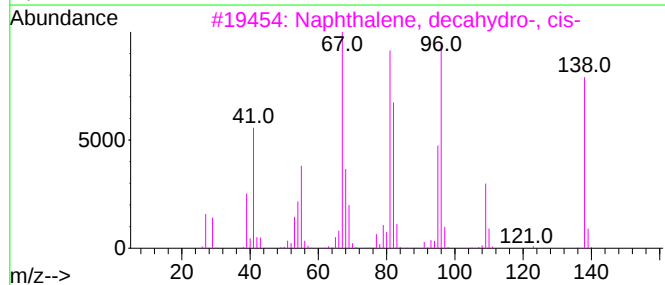
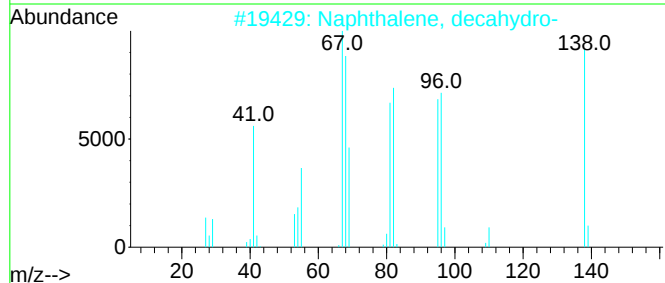
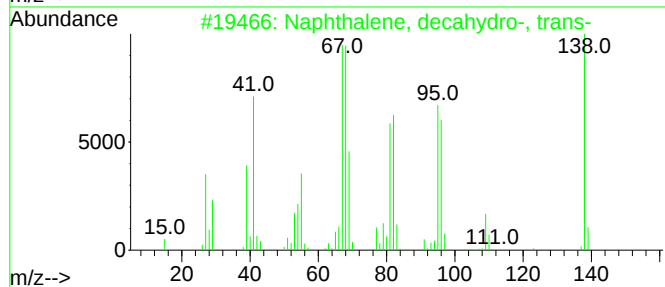
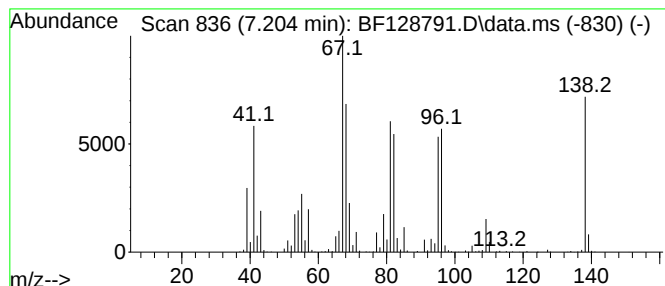
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, decahydro-, tr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.204	59.05 ng	1209050	1,4-Dichlorobenzene-d4	6.804

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
2			Naphthalene, decahydro-	138	C10H18	000091-17-8	89
3			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	81
4			Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	76
5			Spiro[4.4]nonan-2-one	138	C9H14O	034177-18-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128791.D
Acq On : 13 Jun 2022 18:43
Operator : CG\JU
Sample : N3304-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14A-1A-6-G

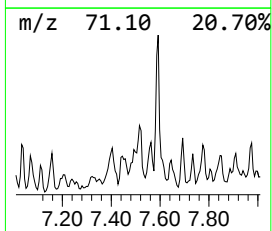
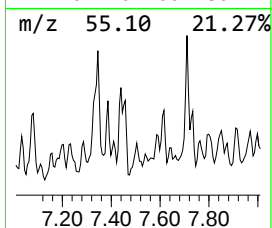
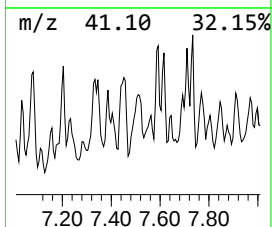
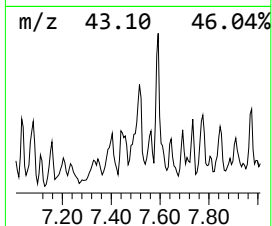
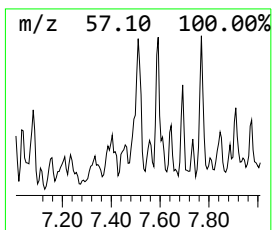
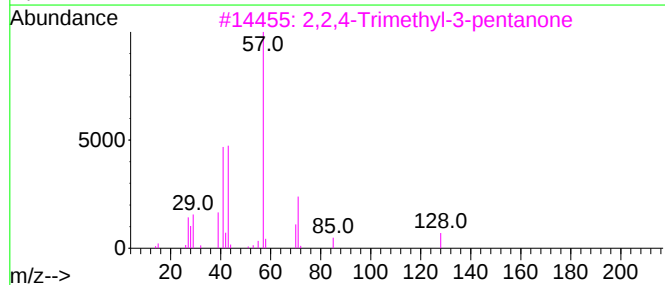
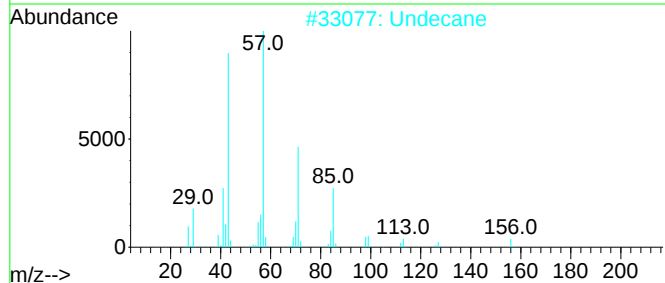
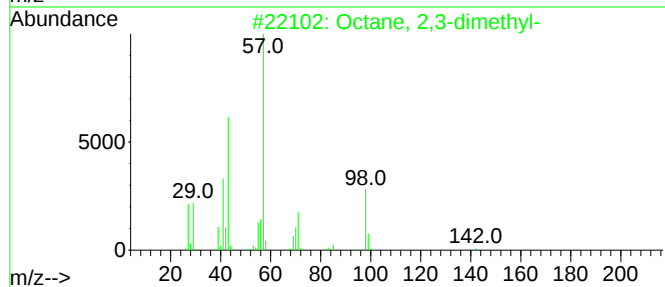
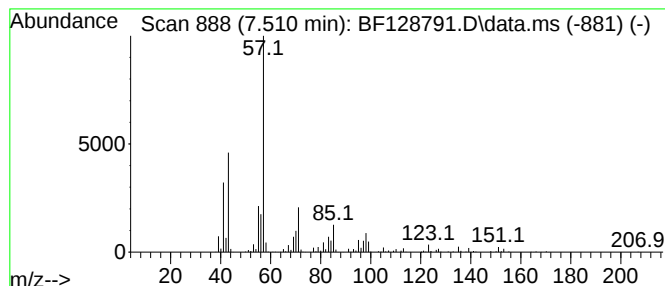
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Octane, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.510	37.62 ng	1508430	Naphthalene-d8	8.092

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50
2		Undecane	156	C11H24	001120-21-4	50
3		2,2,4-Trimethyl-3-pentanone	128	C8H16O	005857-36-3	47
4		Carbonic acid, di(decyl) ester	342	C21H42O3	1000383-15-9	47
5		Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128791.D
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ALS Vial : 17 Sample Multiplier: 1

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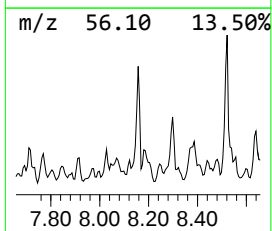
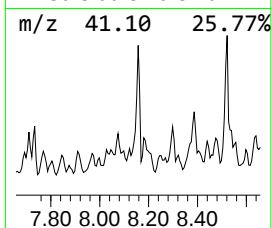
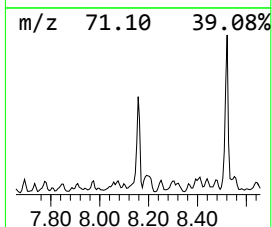
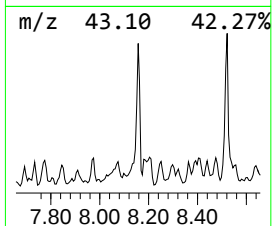
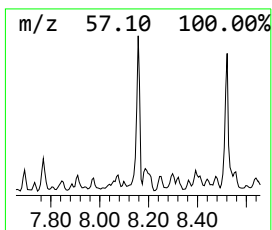
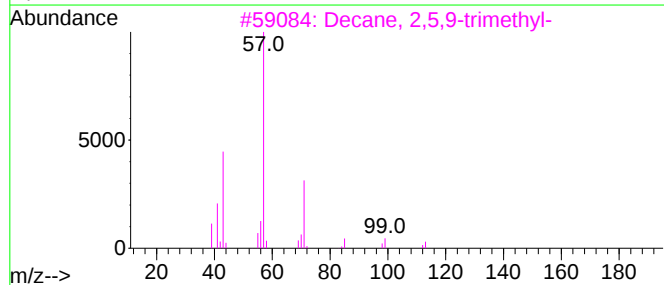
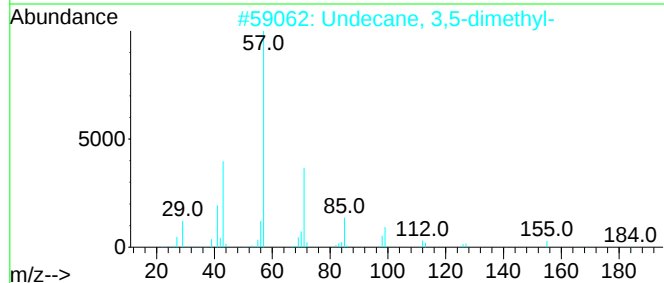
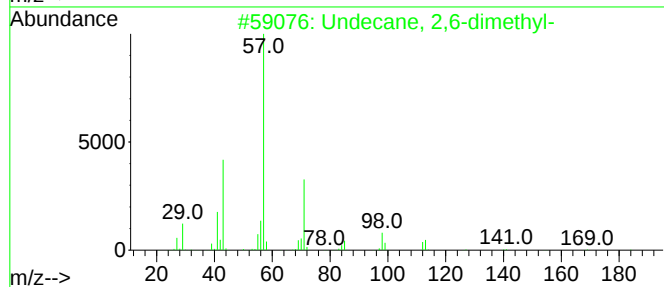
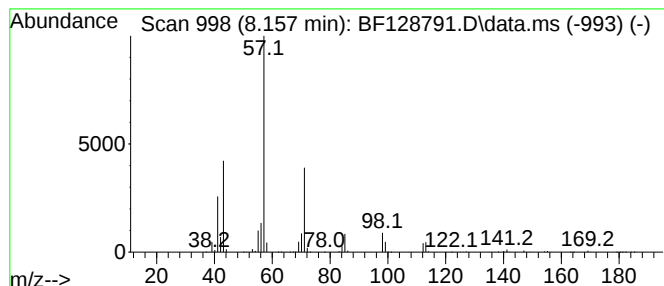
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Undecane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.157	64.55 ng	2588320	Naphthalene-d8	8.092

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97		
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80		
3	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	78		
4	Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	64		
5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	64		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
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Operator : CG\JU
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
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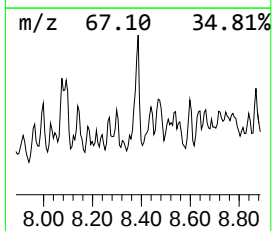
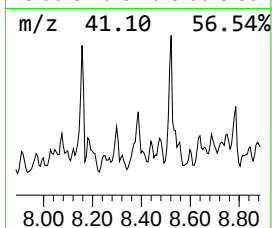
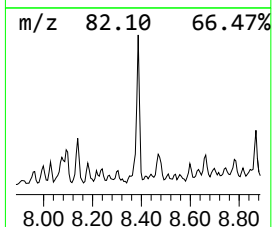
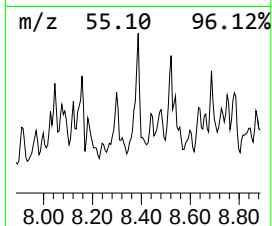
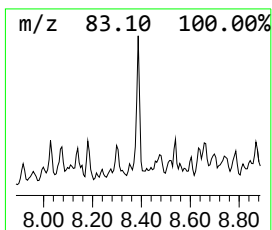
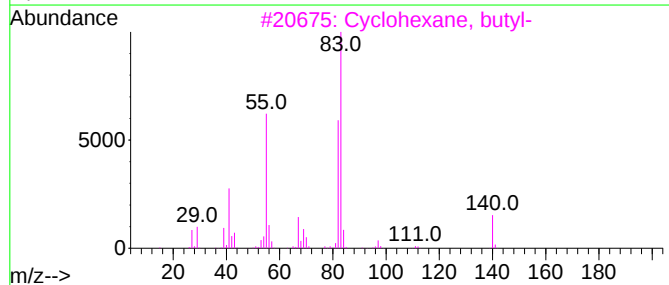
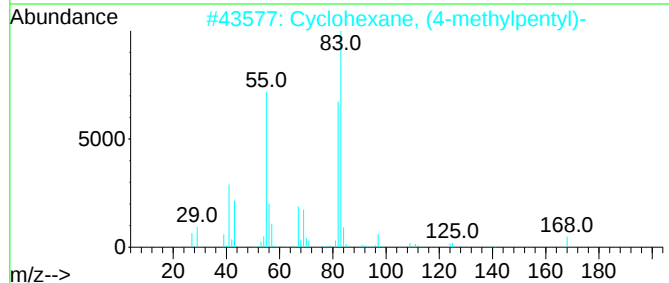
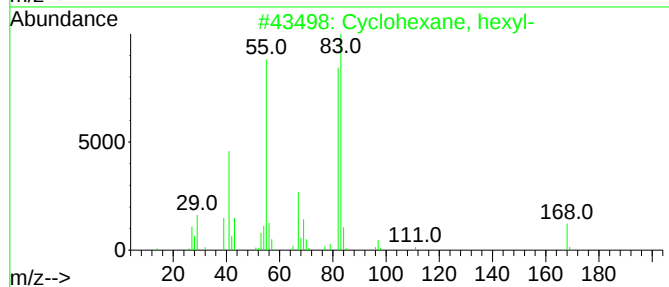
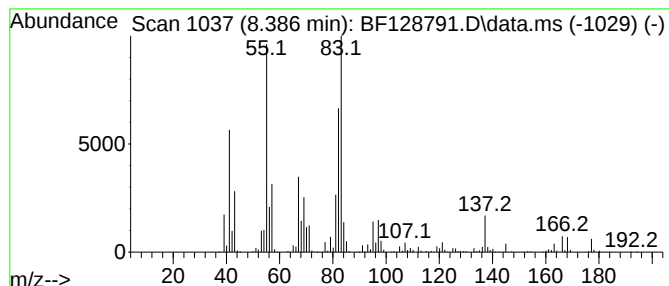
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Cyclohexane, hexyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.386	73.45 ng	2944930	Naphthalene-d8	8.092

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, hexyl-	168	C12H24	004292-75-5	72
2		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	64
4		Cyclohexane, (3-methylpentyl)-	168	C12H24	061142-38-9	59
5		Oxalic acid, cyclohexyl decyl ester	312	C18H32O4	1000309-31-2	47



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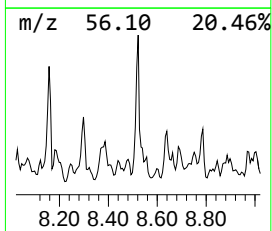
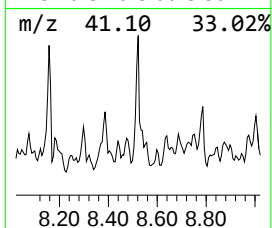
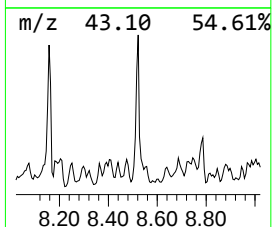
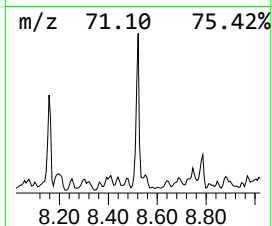
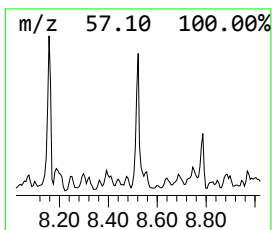
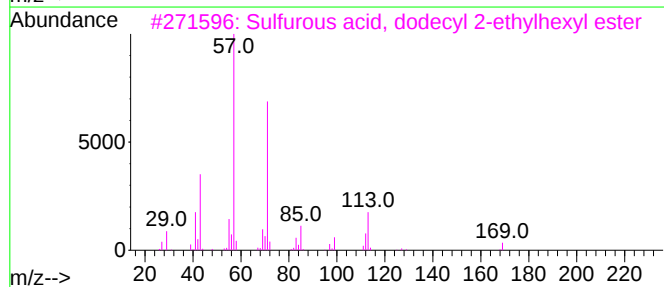
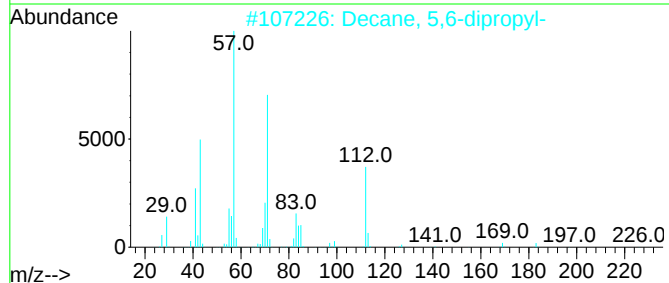
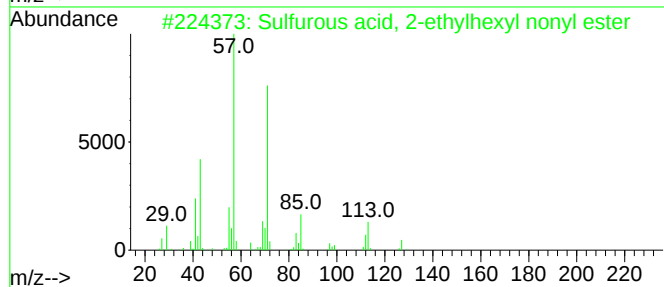
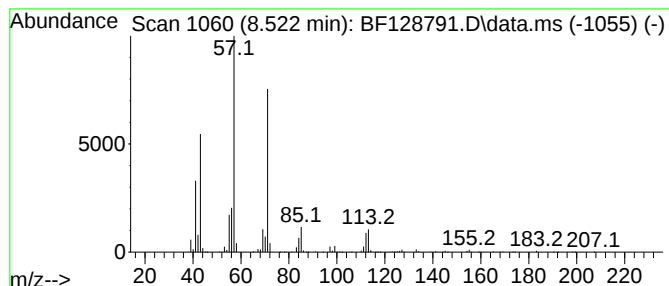
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Sulfurous acid, 2-ethylhexy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.522	76.53 ng	3068490	Naphthalene-d8	8.092

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80
2			Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	78
3			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64
4			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64
5			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
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ALS Vial : 17 Sample Multiplier: 1

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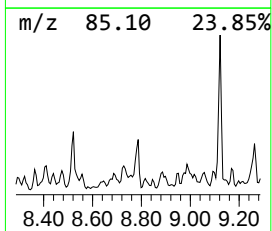
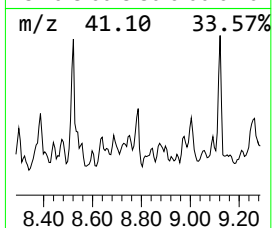
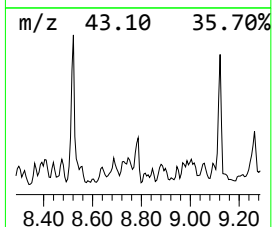
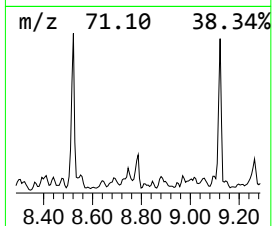
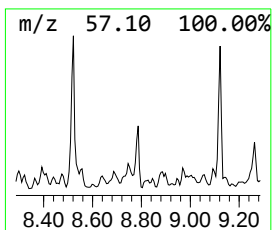
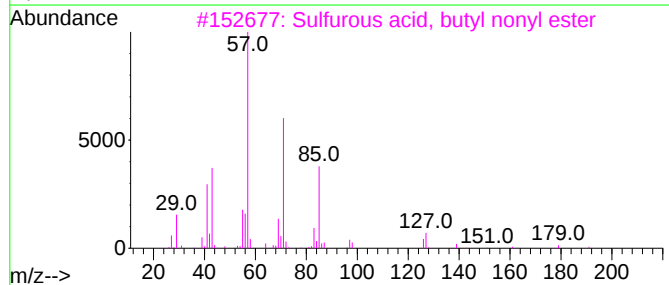
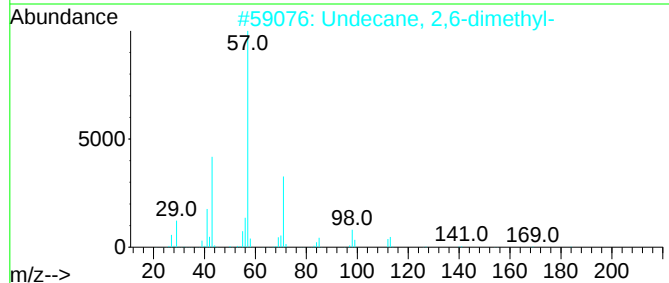
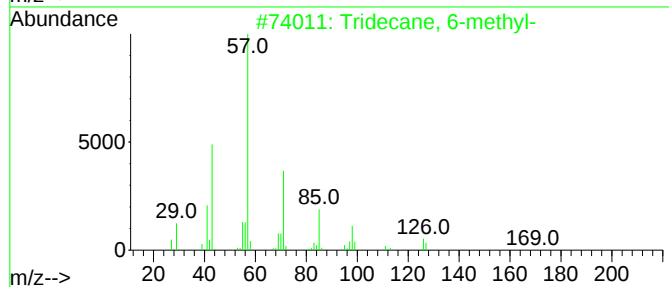
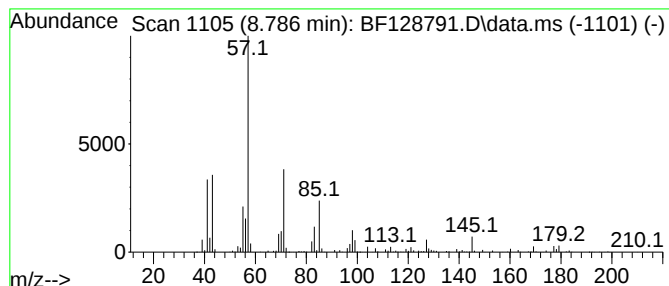
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Tridecane, 6-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.786	40.20 ng	1611800	Naphthalene-d8	8.092

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 6-methyl-	198	C14H30	013287-21-3	80
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	70
3		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
4		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	53
5		Tridecane, 3-methyl-	198	C14H30	006418-41-3	53



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ALS Vial : 17 Sample Multiplier: 1

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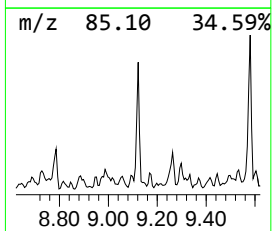
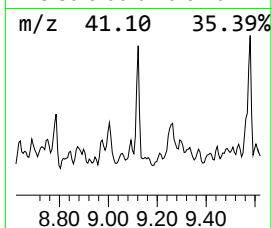
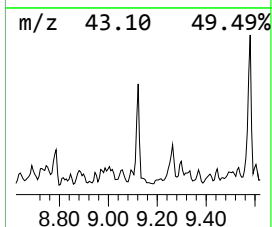
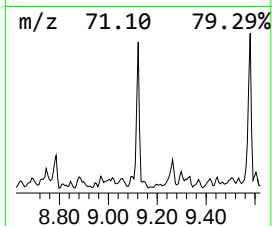
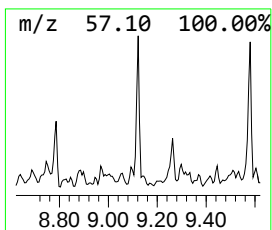
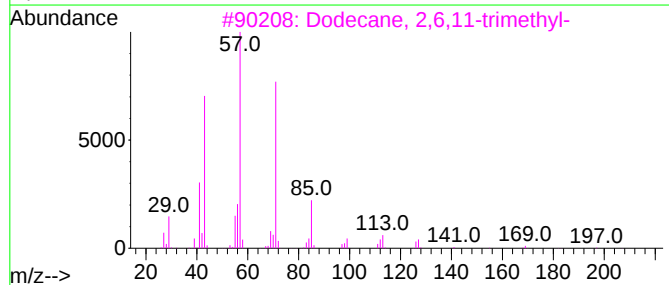
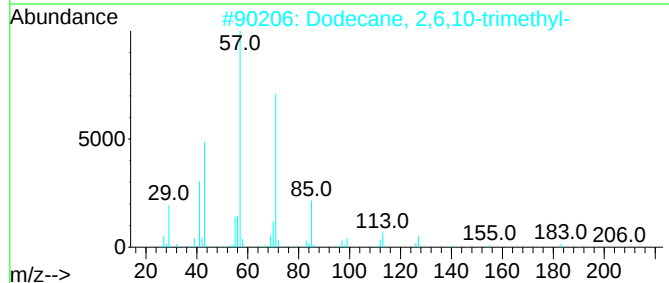
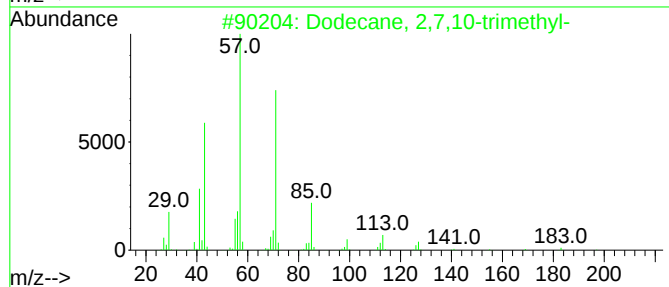
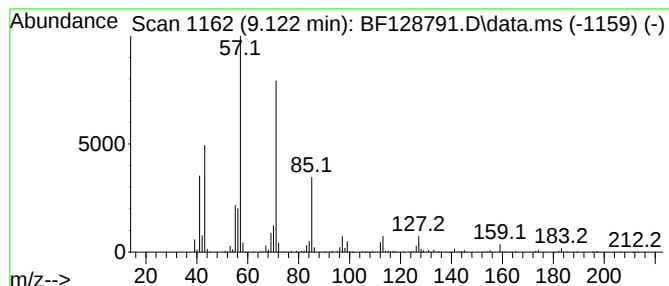
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Dodecane, 2,7,10-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.122	47.20 ng	2612330	Acenaphthene-d10	9.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	78
5			Bacchotricuneatin c	342	C20H22O5	066563-30-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128791.D
Acq On : 13 Jun 2022 18:43
Operator : CG\JU
Sample : N3304-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6-G

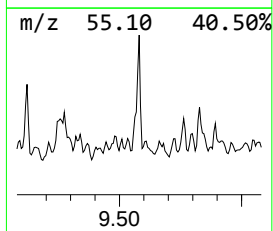
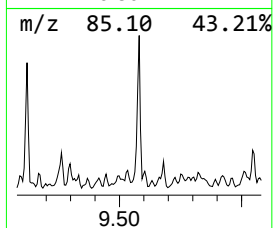
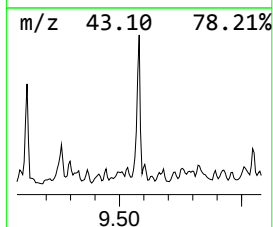
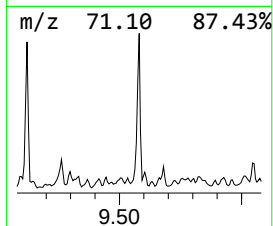
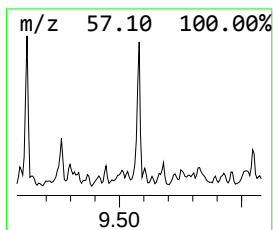
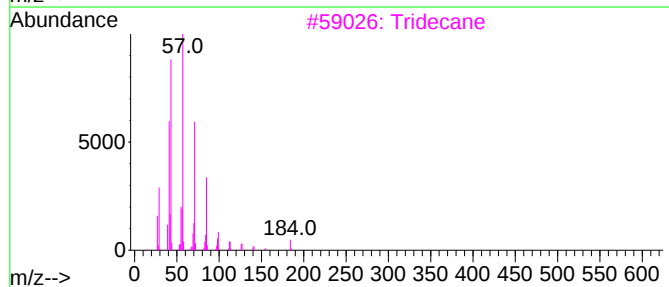
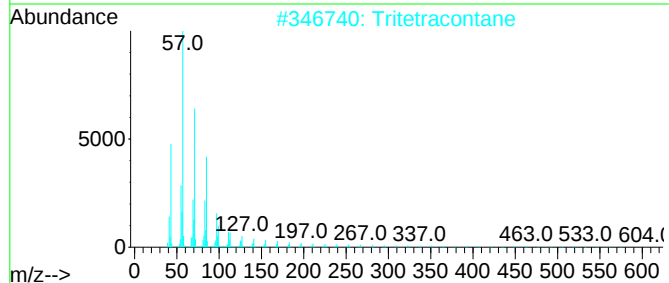
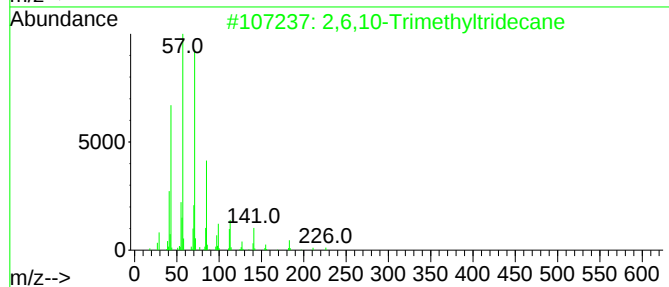
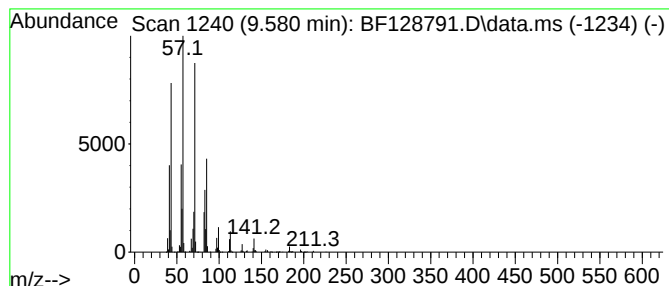
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 2,6,10-Trimethyltridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.580	73.33 ng	4058430	Acenaphthene-d10	9.857

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	90
2		Tritetracontane	605	C43H88	007098-21-7	90
3		Tridecane	184	C13H28	000629-50-5	87
4		Hexadecane	226	C16H34	000544-76-3	80
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128791.D
Acq On : 13 Jun 2022 18:43
Operator : CG\JU
Sample : N3304-06
Misc :
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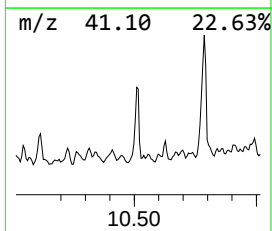
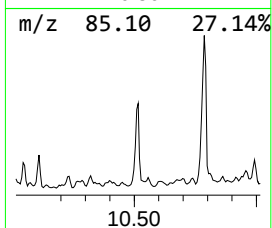
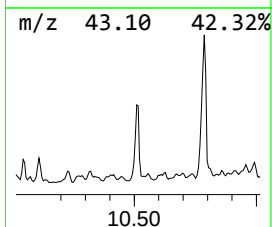
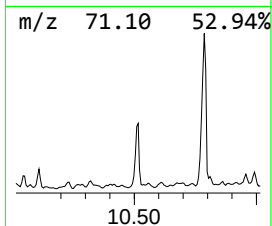
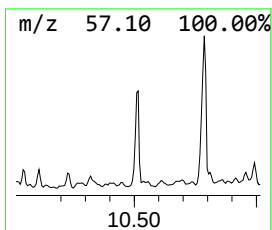
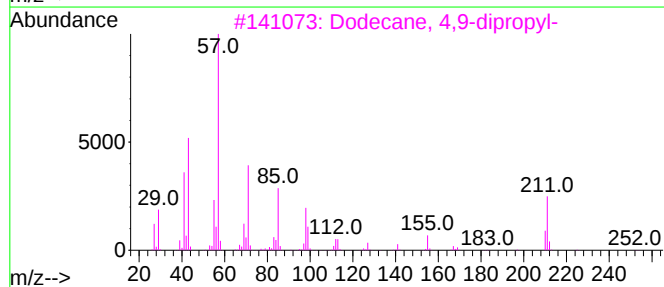
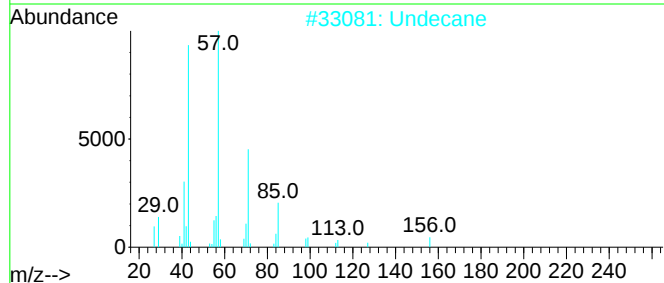
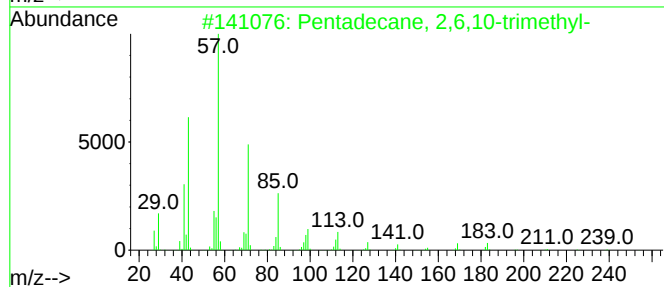
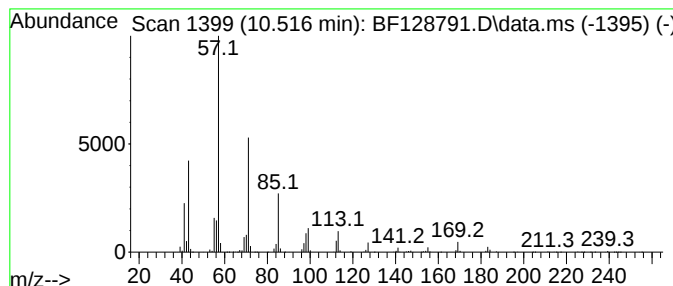
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ClientSampleId :
WC-14A-1A-6-G

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Pentadecane, 2,6,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.516	53.49 ng	2960230	Acenaphthene-d10		9.857	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	91
2	Undecane		156	C11H24	001120-21-4	87
3	Dodecane, 4,9-dipropyl-		254	C18H38	003054-63-5	87
4	Hexadecane		226	C16H34	000544-76-3	80
5	Heptacosane		380	C27H56	000593-49-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128791.D
Acq On : 13 Jun 2022 18:43
Operator : CG\JU
Sample : N3304-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6-G

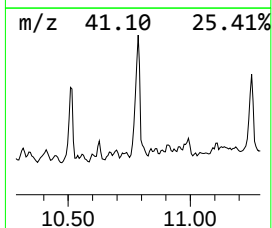
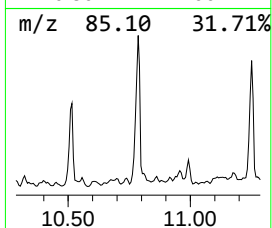
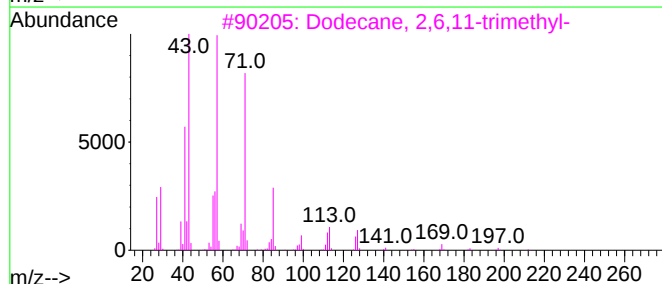
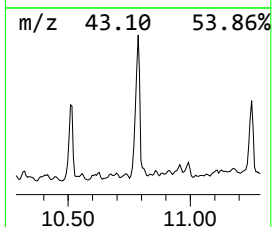
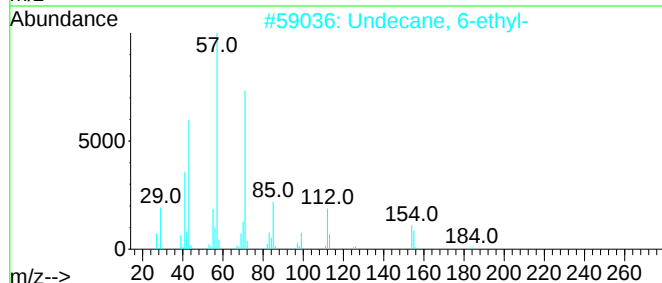
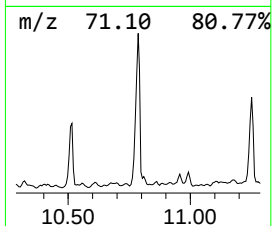
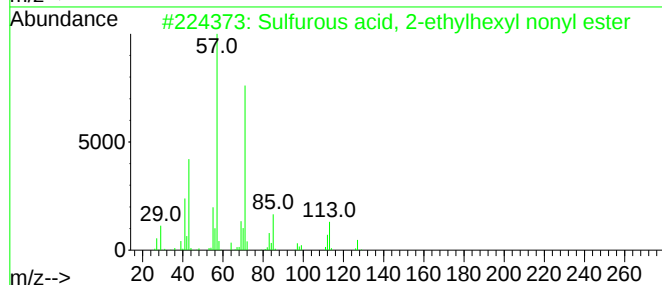
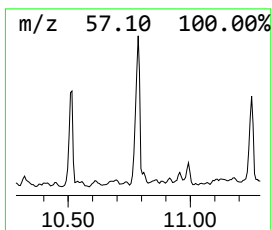
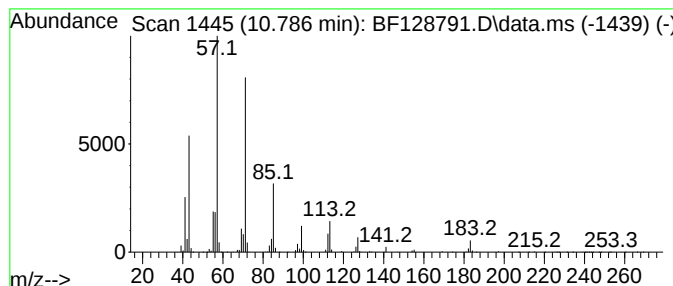
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Undecane, 6-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.786	130.67 ng	7254220	Phenanthrene-d10	11.351

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80
2		Undecane, 6-ethyl-	184	C13H28	017312-60-6	80
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4		Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	59
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128791.D
Acq On : 13 Jun 2022 18:43
Operator : CG\JU
Sample : N3304-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6-G

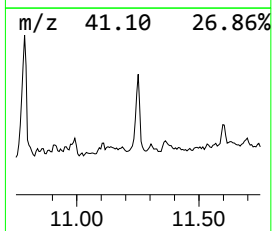
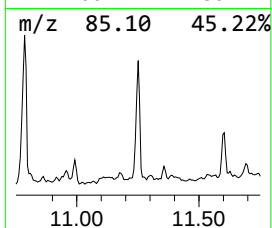
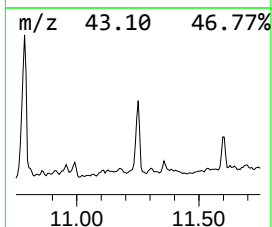
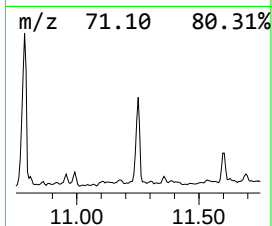
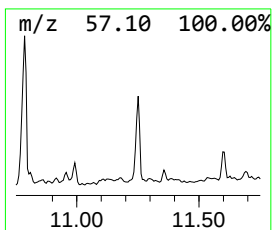
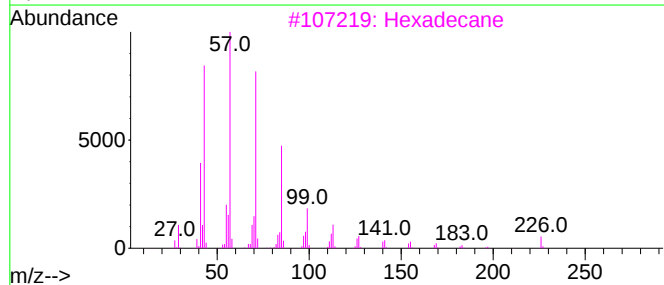
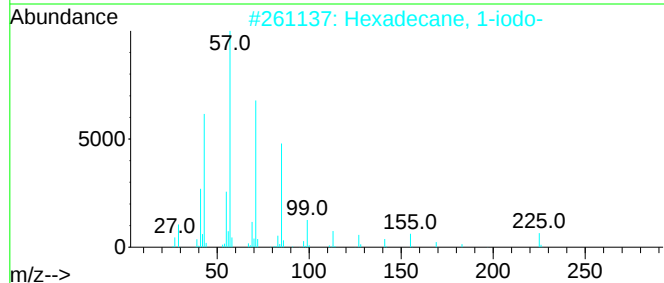
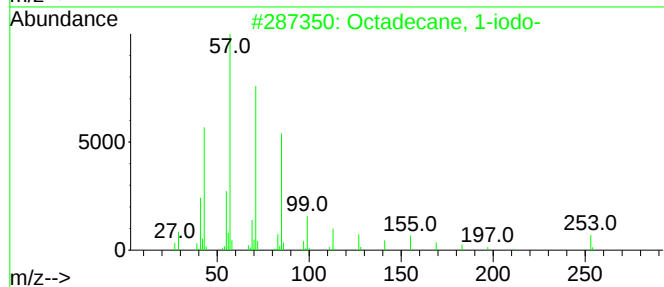
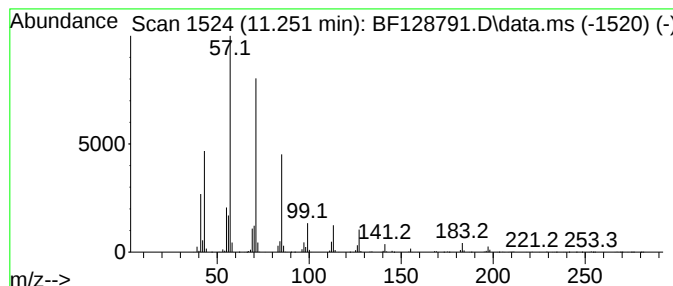
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Octadecane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.251	67.74 ng	3760920	Phenanthrene-d10	11.351

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
2		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
3		Hexadecane	226	C16H34	000544-76-3	87
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5		Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
 Data File : BF128791.D
 Acq On : 13 Jun 2022 18:43
 Operator : CG\JU
 Sample : N3304-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown5.951	5.951	50.6	ng	1035160	1	6.804	409517	20.0
Nonane, 3-methyl-	6.051	74.1	ng	1517840	1	6.804	409517	20.0
Heptane, 3-ethy...	6.104	45.9	ng	939415	1	6.804	409517	20.0
unknown6.239	6.239	64.7	ng	1324020	1	6.804	409517	20.0
Cyclohexane, 1,...	6.334	97.8	ng	2002880	1	6.804	409517	20.0
Cyclohexane, 1-...	6.545	57.7	ng	1182010	1	6.804	409517	20.0
Cyclohexane, (2...	6.951	50.0	ng	1023330	1	6.804	409517	20.0
5-Undecene	7.081	62.1	ng	1272130	1	6.804	409517	20.0
Naphthalene, de...	7.204	59.0	ng	1209050	1	6.804	409517	20.0
Octane, 2,3-dim...	7.510	37.6	ng	1508430	2	8.092	801940	20.0
Undecane, 2,6-d...	8.157	64.5	ng	2588320	2	8.092	801940	20.0
Cyclohexane, he...	8.386	73.5	ng	2944930	2	8.092	801940	20.0
Sulfurous acid,...	8.522	76.5	ng	3068490	2	8.092	801940	20.0
Tridecane, 6-me...	8.786	40.2	ng	1611800	2	8.092	801940	20.0
Dodecane, 2,7,1...	9.122	47.2	ng	2612330	3	9.857	1106930	20.0
2,6,10-Trimethy...	9.580	73.3	ng	4058430	3	9.857	1106930	20.0
Pentadecane, 2,...	10.516	53.5	ng	2960230	3	9.857	1106930	20.0
Undecane, 6-ethyl-	10.786	130.7	ng	7254220	4	11.351	1110340	20.0
Octadecane, 1-i...	11.251	67.7	ng	3760920	4	11.351	1110340	20.0