

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
 Data File : BF127935.D
 Acq On : 27 Apr 2022 01:59
 Operator : CG\JU
 Sample : N2555-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-042522

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-BF042222.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127935.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.557	552	556	566	rVB	909861	839022	39.87%	1.738%
2	6.463	707	710	717	rBV2	179850	267753	12.72%	0.555%
3	6.557	722	726	730	rVV	949478	818561	38.90%	1.696%
4	6.675	742	746	751	rBV4	111945	190393	9.05%	0.394%
5	6.763	758	761	765	rBV	803563	760694	36.15%	1.576%
6	6.940	788	791	794	rVB	1395402	1148832	54.59%	2.380%
7	6.993	794	800	803	rBV3	126525	177554	8.44%	0.368%
8	7.045	803	809	812	rBV3	109153	148243	7.04%	0.307%
9	7.081	812	815	819	rBV3	264657	292760	13.91%	0.607%
10	7.204	831	836	839	rBV2	434182	497672	23.65%	1.031%
11	7.234	839	841	843	rBV	220201	165776	7.88%	0.343%
12	7.269	843	847	851	rVB2	324638	465736	22.13%	0.965%
13	7.316	851	855	856	rBV	383229	345920	16.44%	0.717%
14	7.334	856	858	860	rVB2	223607	174799	8.31%	0.362%
15	7.357	860	862	867	rVB4	111928	170702	8.11%	0.354%
16	7.469	876	881	884	rBV3	420093	542502	25.78%	1.124%
17	7.498	884	886	888	rVV	580819	601338	28.57%	1.246%
18	7.528	888	891	895	rVB	2001380	1779739	84.57%	3.687%
19	7.581	895	900	903	rBV5	388540	585112	27.80%	1.212%
20	7.628	903	908	913	rBV4	250376	511830	24.32%	1.060%
21	7.710	919	922	924	rBV2	299400	240470	11.43%	0.498%
22	7.745	924	928	934	rVB3	317156	518349	24.63%	1.074%
23	7.816	936	940	941	rBV4	153605	198385	9.43%	0.411%
24	7.834	941	943	946	rVV	268069	217860	10.35%	0.451%
25	7.863	946	948	951	rVV2	201941	241843	11.49%	0.501%
26	7.892	951	953	956	rVB2	332716	350220	16.64%	0.726%
27	7.928	956	959	962	rBV3	351207	332886	15.82%	0.690%
28	7.963	962	965	967	rBV	654296	609156	28.95%	1.262%
29	8.004	970	972	974	rVB	337536	227151	10.79%	0.471%
30	8.034	974	977	980	rVB4	227634	244486	11.62%	0.507%
31	8.063	980	982	984	rVB	217489	153023	7.27%	0.317%
32	8.092	984	987	989	rVB2	272581	261325	12.42%	0.541%
33	8.122	989	992	994	rBV2	141755	153886	7.31%	0.319%
34	8.169	995	1000	1001	rBV4	190108	249210	11.84%	0.516%
35	8.198	1001	1005	1007	rVV	2188626	2104483	100.00%	4.360%
36	8.228	1007	1010	1012	rVV	1301950	1184297	56.27%	2.454%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.275	1015	1018	1020	rVB2	1090818	980420	46.59%	2.031%
38	8.304	1020	1023	1026	rBV3	310738	362344	17.22%	0.751%
39	8.369	1031	1034	1036	rBV3	149853	188264	8.95%	0.390%
40	8.422	1040	1043	1046	rVB3	341110	298631	14.19%	0.619%
41	8.469	1049	1051	1054	rBV2	156993	166098	7.89%	0.344%
42	8.510	1054	1058	1062	rVB4	754926	861833	40.95%	1.786%
43	8.557	1062	1066	1069	rBV4	299470	396932	18.86%	0.822%
44	8.592	1069	1072	1076	rVB3	363479	439084	20.86%	0.910%
45	8.634	1076	1079	1081	rBV	1102032	828500	39.37%	1.717%
46	8.657	1081	1083	1086	rBV2	205871	178996	8.51%	0.371%
47	8.687	1086	1088	1092	rVB2	153997	147695	7.02%	0.306%
48	8.728	1092	1095	1097	rBV	574720	454038	21.57%	0.941%
49	8.757	1097	1100	1103	rBV3	124624	156747	7.45%	0.325%
50	8.804	1105	1108	1112	rVB	2314851	1874180	89.06%	3.883%
51	8.851	1112	1116	1117	rBV3	133173	180773	8.59%	0.375%
52	8.887	1119	1122	1123	rBV2	165569	145632	6.92%	0.302%
53	8.998	1138	1141	1143	rBV3	158380	197278	9.37%	0.409%
54	9.045	1146	1149	1151	rBV2	416320	333853	15.86%	0.692%
55	9.087	1154	1156	1158	rBV2	291857	281147	13.36%	0.583%
56	9.169	1166	1170	1175	rBV4	460942	515459	24.49%	1.068%
57	9.210	1175	1177	1179	rVV	320438	240243	11.42%	0.498%
58	9.234	1179	1181	1184	rVV	774591	603221	28.66%	1.250%
59	9.298	1188	1192	1196	rBV	1204255	978091	46.48%	2.027%
60	9.369	1201	1204	1208	rBV	1662500	1540876	73.22%	3.193%
61	9.451	1215	1218	1220	rVB	268855	247967	11.78%	0.514%
62	9.557	1234	1236	1242	rVB6	138304	201115	9.56%	0.417%
63	9.628	1242	1248	1250	rBV3	205070	378421	17.98%	0.784%
64	9.692	1255	1259	1261	rBV2	399797	459795	21.85%	0.953%
65	9.751	1266	1269	1272	rVV3	209591	203631	9.68%	0.422%
66	9.898	1291	1294	1299	rVB	935373	819494	38.94%	1.698%
67	9.986	1303	1309	1312	rVV	1230193	1138341	54.09%	2.359%
68	10.186	1340	1343	1346	rVB2	179830	184337	8.76%	0.382%
69	10.222	1346	1349	1353	rBV2	198997	203104	9.65%	0.421%
70	10.398	1375	1379	1382	rBV	473316	436403	20.74%	0.904%
71	10.533	1395	1402	1409	rBV	202543	280127	13.31%	0.580%
72	10.622	1411	1417	1419	rBV2	159678	213642	10.15%	0.443%
73	10.769	1439	1442	1447	rBV	469687	449361	21.35%	0.931%
74	10.875	1457	1460	1470	rVB	271983	366511	17.42%	0.759%
75	11.475	1558	1562	1564	rBV	1111894	954330	45.35%	1.977%
76	11.498	1564	1566	1572	rVV	960948	770811	36.63%	1.597%

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77	11.551	1572	1575	1577	rVV	311634	245142	11.65%	0.508%
78	11.857	1623	1627	1630	rVB	195822	176728	8.40%	0.366%
79	11.975	1645	1647	1650	rBV	137149	159203	7.56%	0.330%
80	12.004	1650	1652	1655	rVB	206638	168071	7.99%	0.348%
81	12.092	1663	1667	1669	rBV2	235483	248985	11.83%	0.516%
82	12.545	1741	1744	1745	rBV	393732	296726	14.10%	0.615%
83	12.563	1745	1747	1753	rVB2	553833	521298	24.77%	1.080%
84	12.692	1765	1769	1772	rBV	1511120	1263093	60.02%	2.617%
85	12.904	1801	1805	1806	rBV	263137	250825	11.92%	0.520%
86	12.922	1806	1808	1813	rVB	1158253	1050815	49.93%	2.177%
87	13.057	1829	1831	1840	rVB	796464	742010	35.26%	1.537%
88	13.133	1840	1844	1849	rBV3	115015	213074	10.12%	0.441%
89	13.251	1861	1864	1866	rVB2	246942	228748	10.87%	0.474%
90	13.316	1872	1875	1877	rVV	203831	160040	7.60%	0.332%
91	13.351	1877	1881	1884	rBV2	146605	169009	8.03%	0.350%
92	14.121	2007	2012	2015	rBV2	1126720	1563078	74.27%	3.239%
93	14.151	2015	2017	2024	rVB	581515	506355	24.06%	1.049%
94	15.186	2189	2193	2197	rBV	422144	711303	33.80%	1.474%
95	15.245	2201	2203	2209	rVB2	261569	314726	14.96%	0.652%
96	15.510	2245	2248	2253	rVB	230687	276717	13.15%	0.573%
97	15.574	2255	2259	2265	rVB	328691	426262	20.25%	0.883%
98	15.639	2266	2270	2274	rBV	495924	665572	31.63%	1.379%
99	16.110	2347	2350	2355	rVB	171992	232316	11.04%	0.481%
100	17.180	2529	2532	2541	rVB2	123004	244689	11.63%	0.507%

Sum of corrected areas: 48264478

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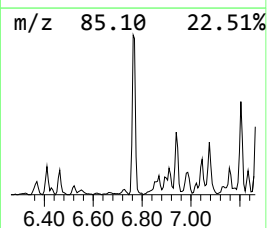
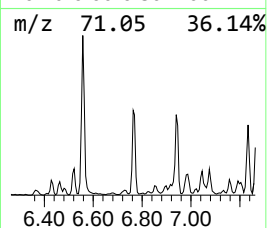
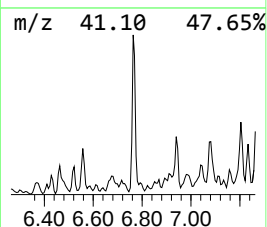
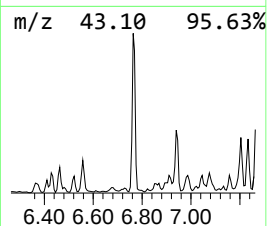
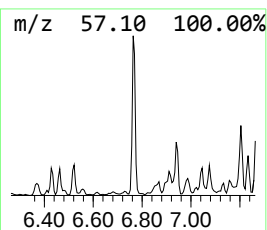
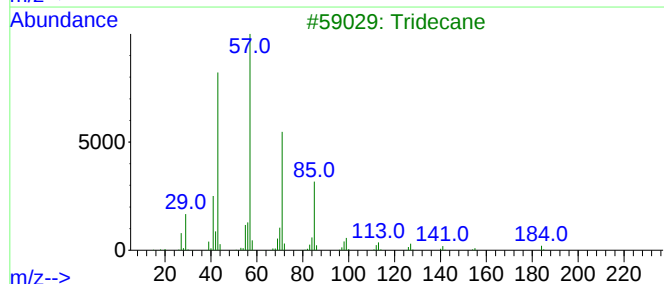
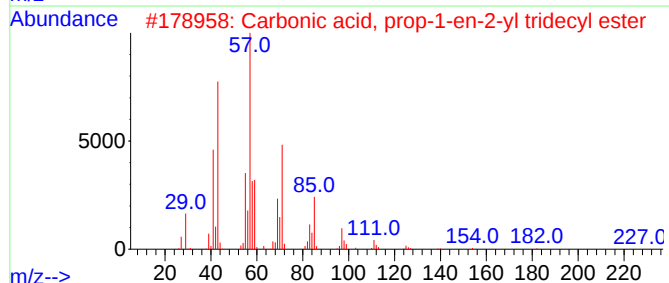
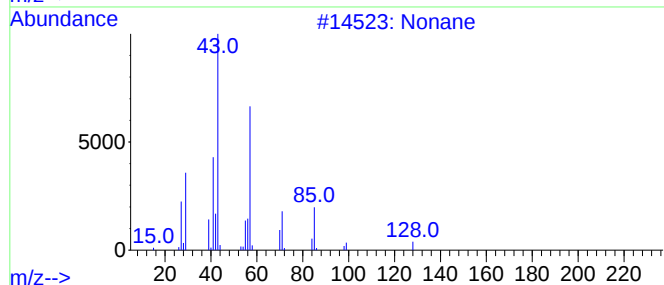
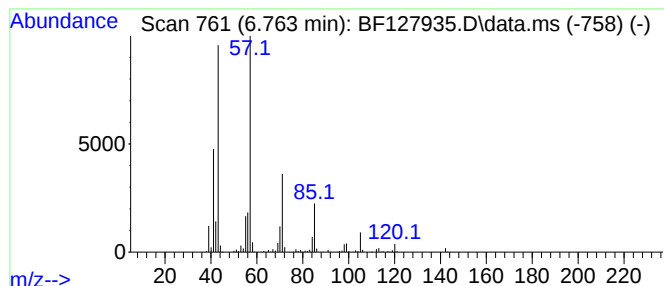
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Nonane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.763	13.24 ng	760694	1,4-Dichlorobenzene-d4	6.940

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane	128	C9H20	000111-84-2	80
2			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	72
3			Tridecane	184	C13H28	000629-50-5	72
4			Pentadecane	212	C15H32	000629-62-9	72
5			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72



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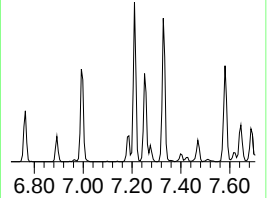
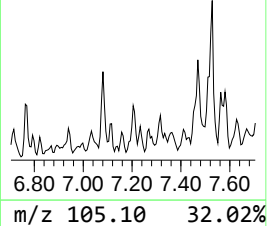
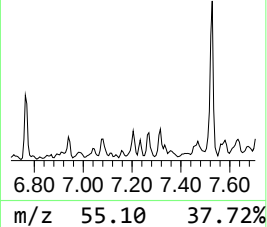
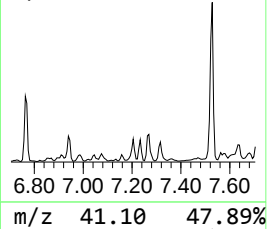
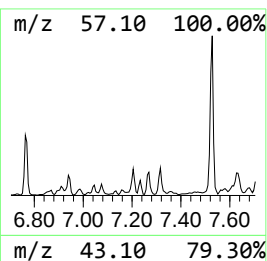
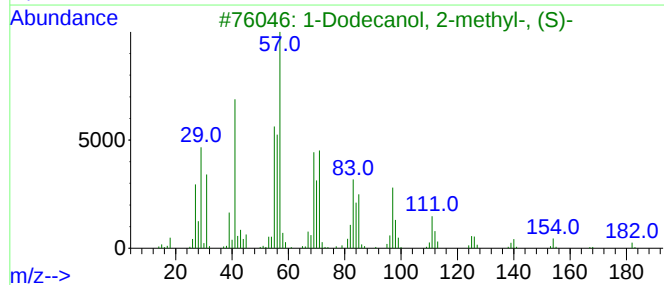
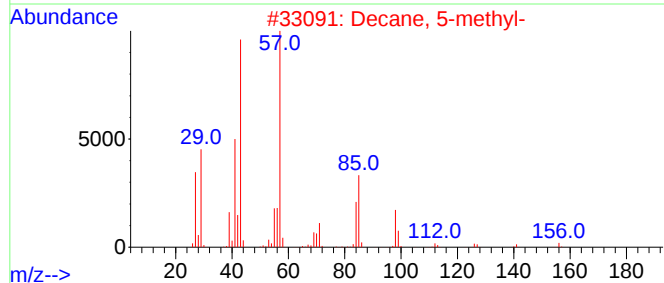
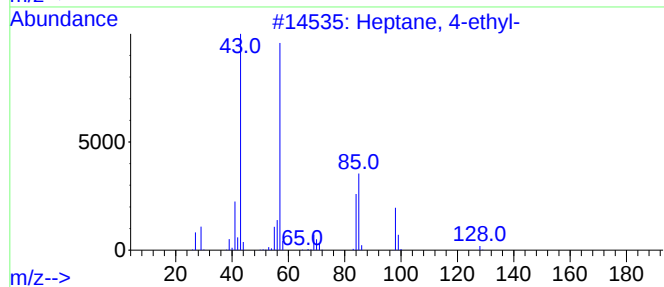
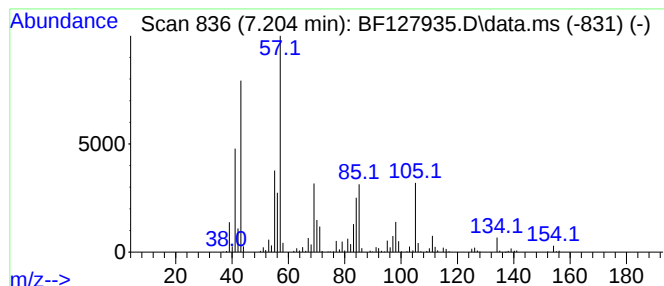
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Heptane, 4-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.204	8.66 ng	497672	1,4-Dichlorobenzene-d4	6.940

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 4-ethyl-	128	C9H20	002216-32-2	50
2			Decane, 5-methyl-	156	C11H24	013151-35-4	50
3			1-Dodecanol, 2-methyl-, (S)-	200	C13H28O	057289-26-6	47
4			Ether, heptyl hexyl	200	C13H28O	007289-40-9	46
5			Oxalic acid, isobutyl hexyl ester	230	C12H22O4	1000309-37-1	38



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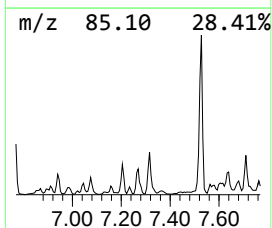
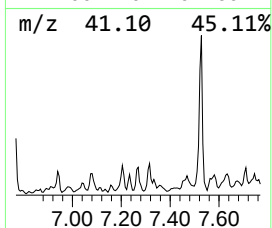
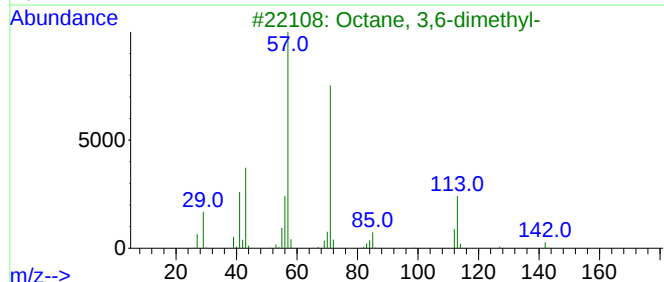
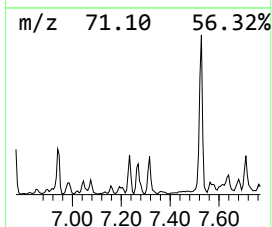
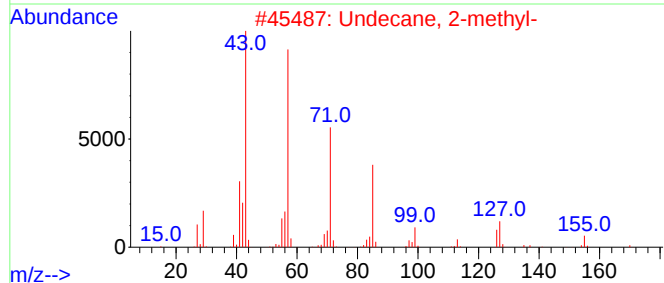
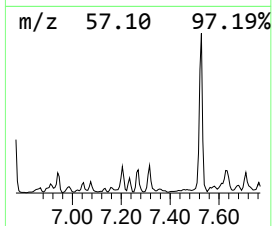
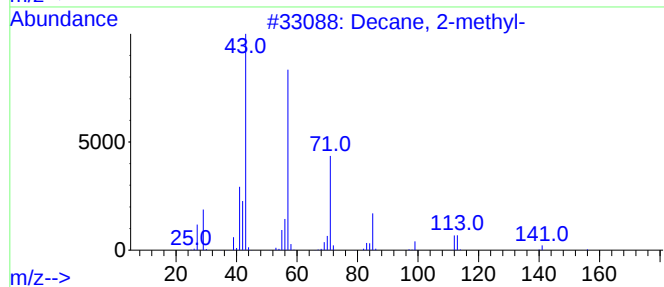
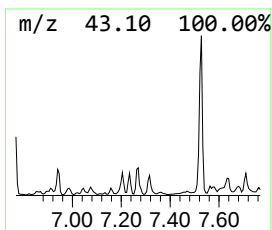
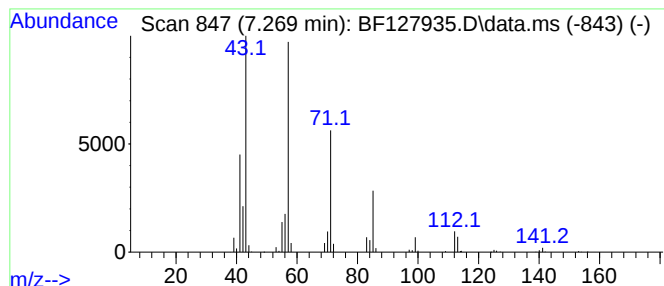
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Decane, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.269	8.11 ng	465736	1,4-Dichlorobenzene-d4	6.940

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	91
2			Undecane, 2-methyl-	170	C12H26	007045-71-8	72
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	52
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	50
5			Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	50



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Sample : N2555-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-042522

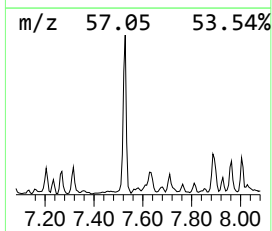
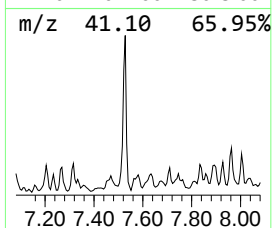
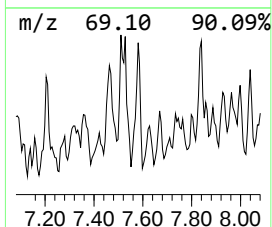
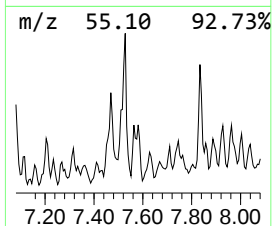
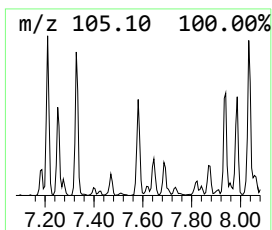
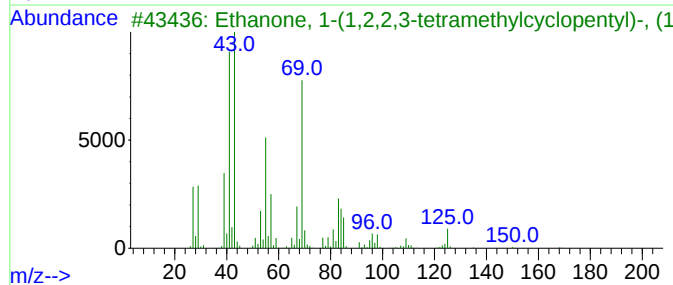
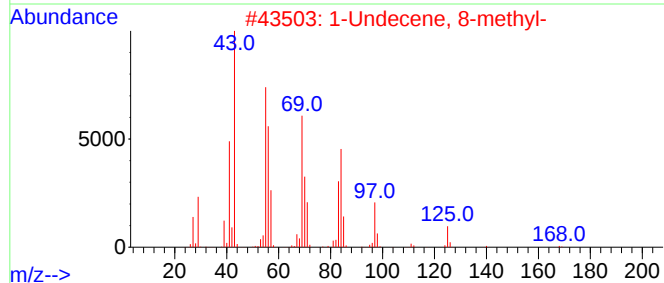
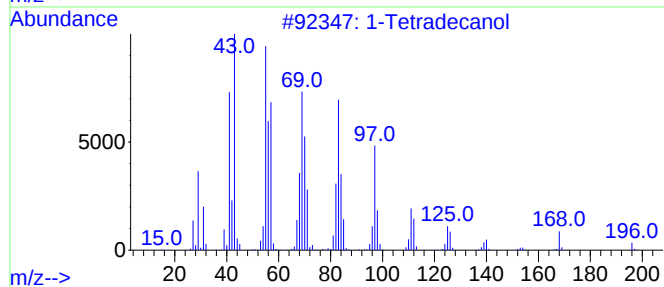
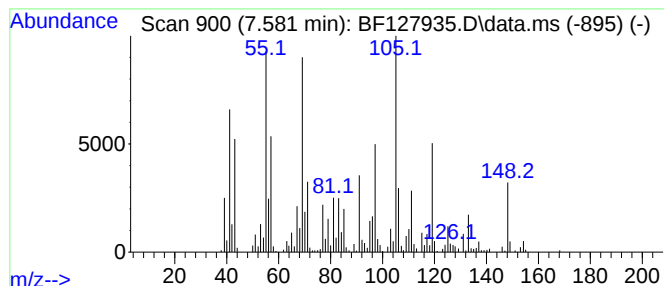
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown7.581 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.581	10.19 ng	585112	1,4-Dichlorobenzene-d4	6.940

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetradecanol			214	C14H30O	000112-72-1	47
2	1-Undecene, 8-methyl-			168	C12H24	074630-40-3	38
3	Ethanone, 1-(1,2,2,3-tetramethyl-...)			168	C11H20O	059642-07-8	38
4	Cyclohexane, 1,2,4-trimethyl-			126	C9H18	002234-75-5	25
5	Cyclohexane, 1,2,4-trimethyl-, (...)			126	C9H18	007667-60-9	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127935.D
Acq On : 27 Apr 2022 01:59
Operator : CG\JU
Sample : N2555-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-042522

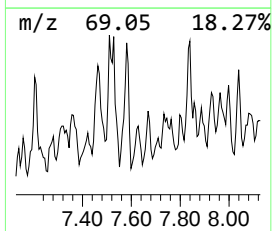
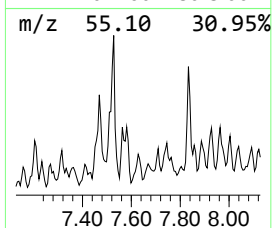
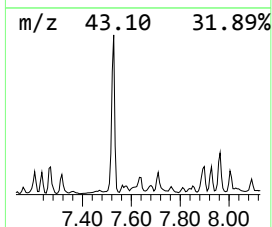
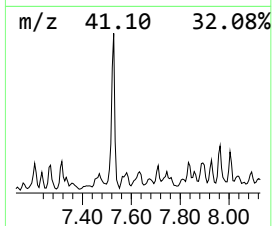
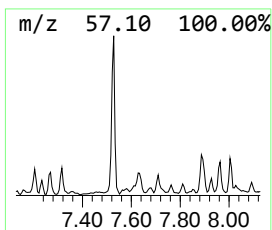
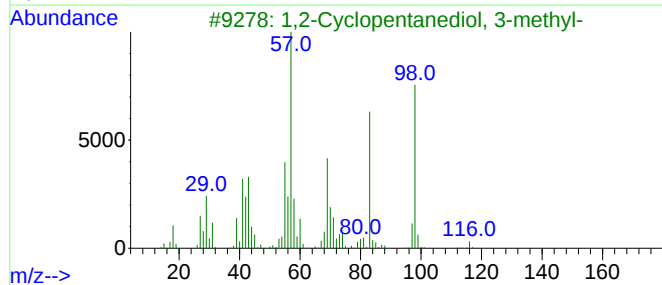
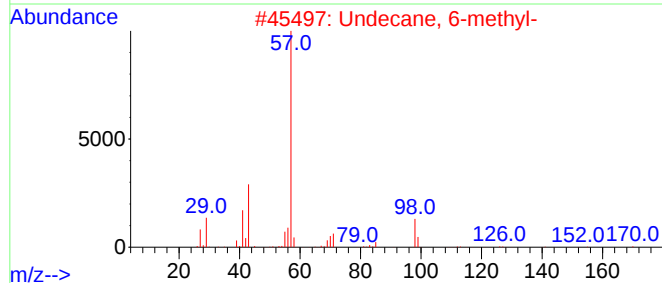
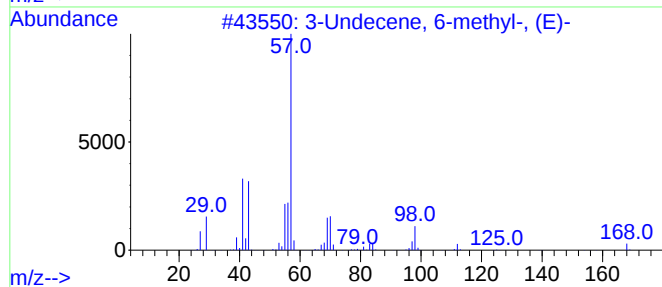
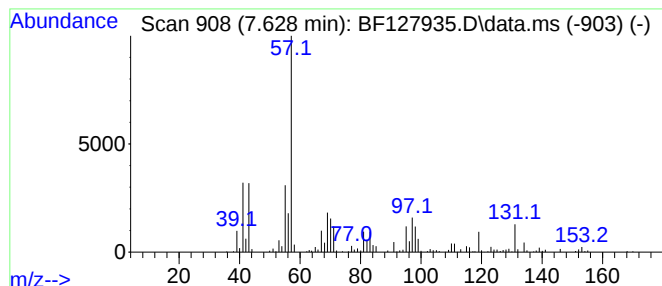
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown7.628 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.628	8.64 ng	511830	Naphthalene-d8	8.228

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Undecene, 6-methyl-, (E)-			168	C12H24	074630-52-7	27
2	Undecane, 6-methyl-			170	C12H26	017302-33-9	25
3	1,2-Cyclopentanediol, 3-methyl-			116	C6H12O2	027583-37-5	22
4	Heptane, 2,3,5-trimethyl-			142	C10H22	020278-85-7	22
5	Octane, 3-methyl-			128	C9H20	002216-33-3	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127935.D
Acq On : 27 Apr 2022 01:59
Operator : CG\JU
Sample : N2555-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-03-042522

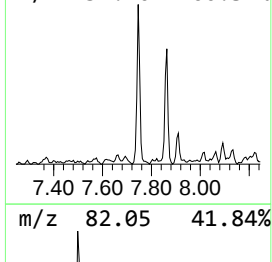
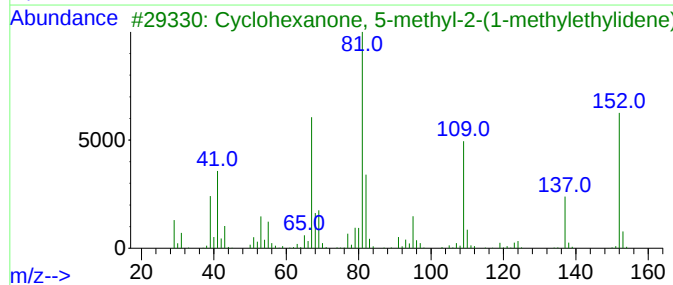
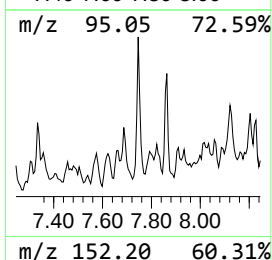
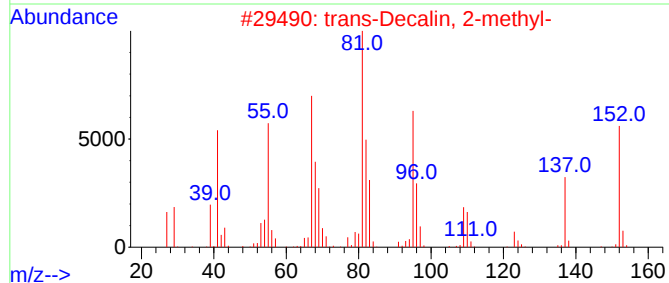
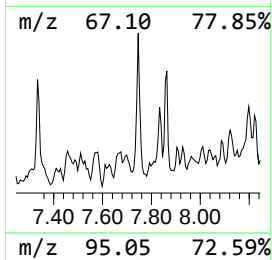
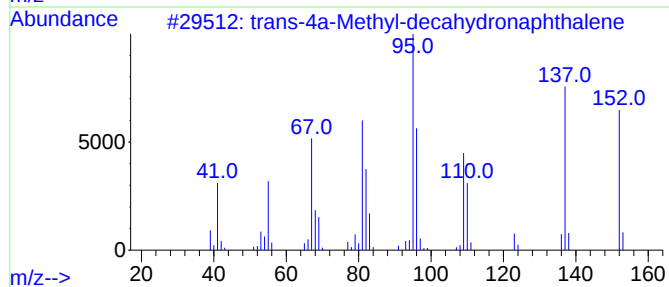
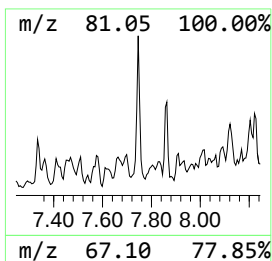
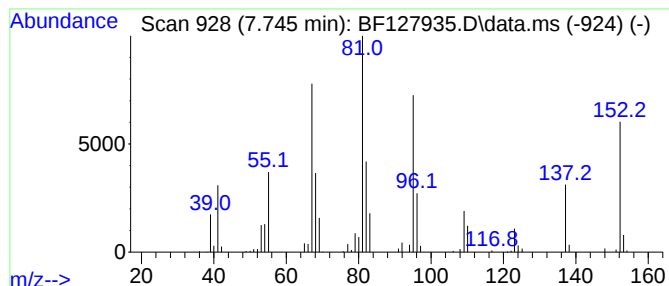
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 trans-4a-Methyl-decahydrona... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.745	8.75 ng	518349	Naphthalene-d8	8.228

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	94
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	87
3			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	76
4			5-Hexadecyne	222	C16H30	071899-37-1	72
5			Pulegone	152	C10H16O	000089-82-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127935.D
Acq On : 27 Apr 2022 01:59
Operator : CG\JU
Sample : N2555-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

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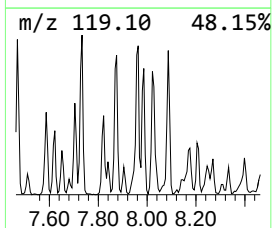
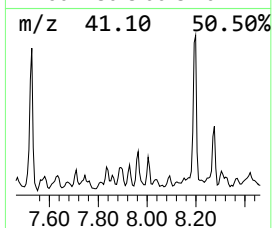
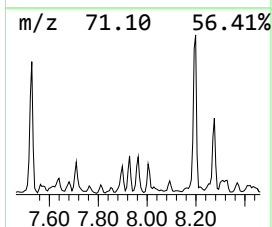
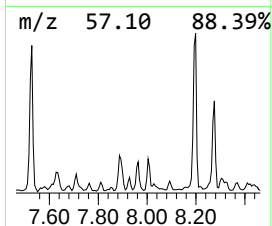
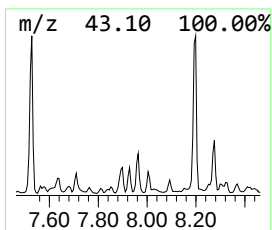
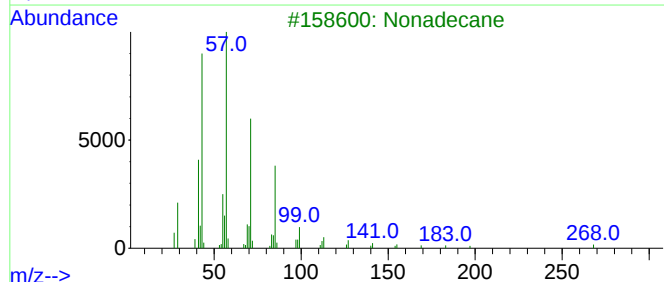
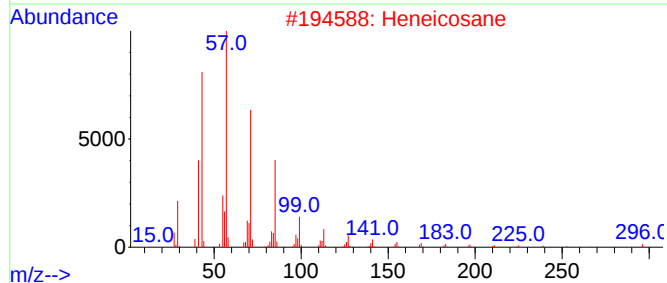
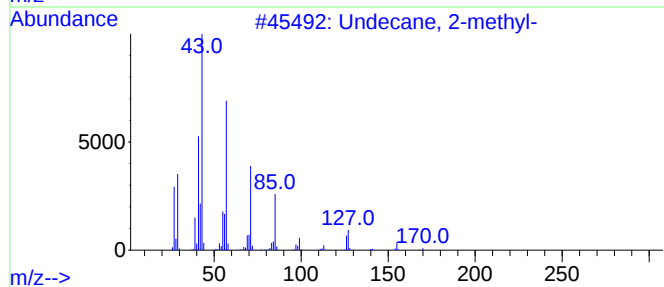
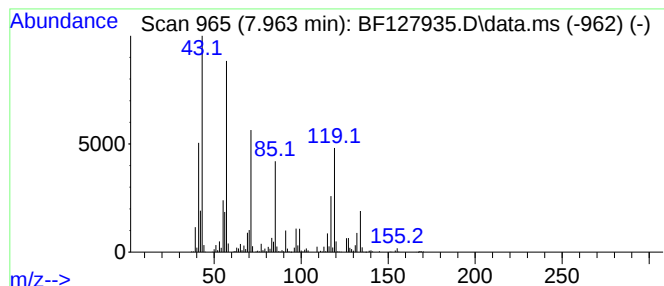
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown7.963 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.963	10.29 ng	609156	Naphthalene-d8	8.228

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2-methyl-	170	C12H26	007045-71-8	43
2			Heneicosane	296	C21H44	000629-94-7	38
3			Nonadecane	268	C19H40	000629-92-5	38
4			Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	38
5			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127935.D
Acq On : 27 Apr 2022 01:59
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Instrument :
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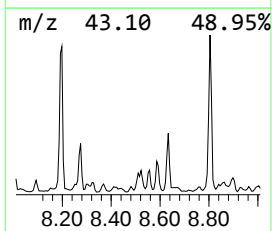
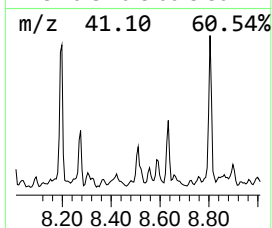
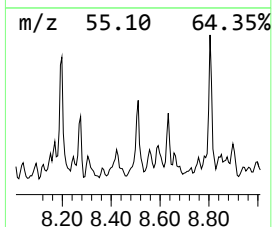
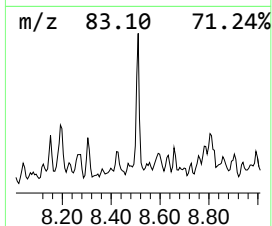
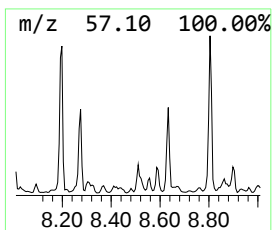
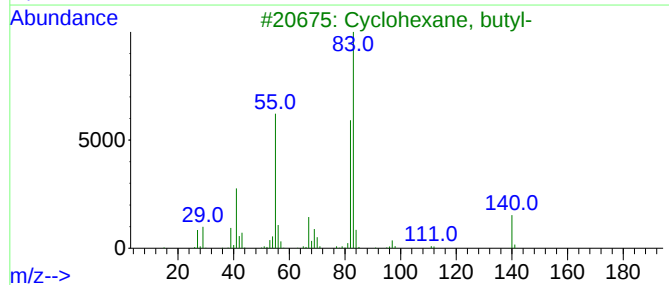
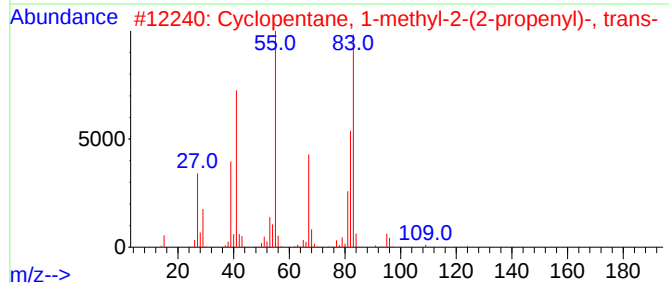
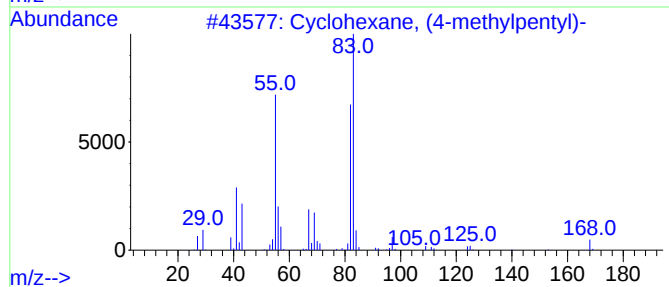
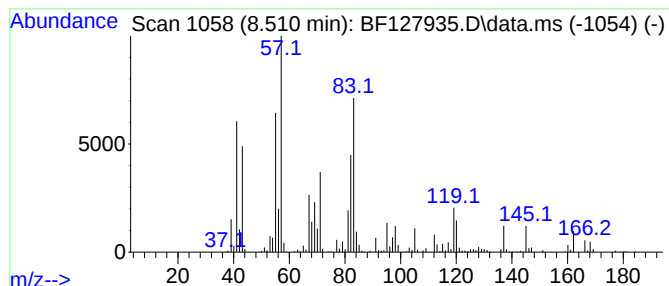
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown8.510 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.510	14.55 ng	861833	Naphthalene-d8	8.228

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	45
2		Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	45
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	43
4		2-Butanone, 3,3-dimethyl-1-(meth...	250	C9H18N2O4S	039184-59-3	38
5		Cyclohexane, ethyl-	112	C8H16	001678-91-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127935.D
Acq On : 27 Apr 2022 01:59
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Sample : N2555-01 5X
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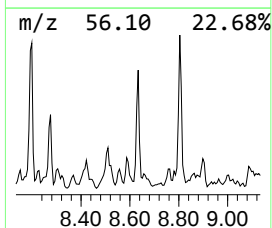
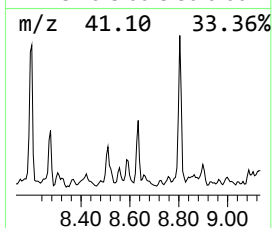
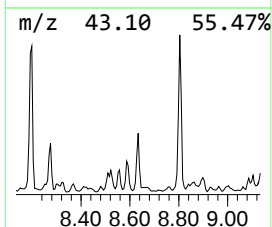
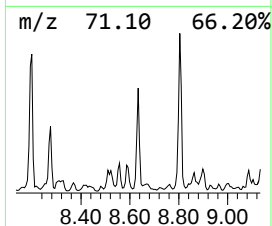
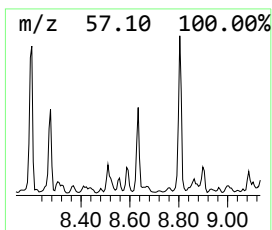
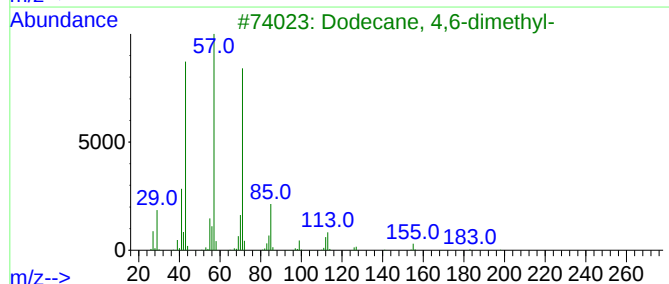
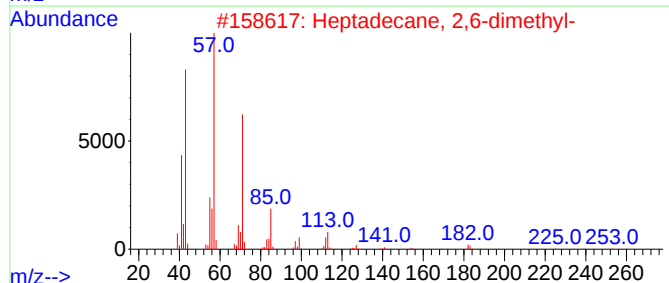
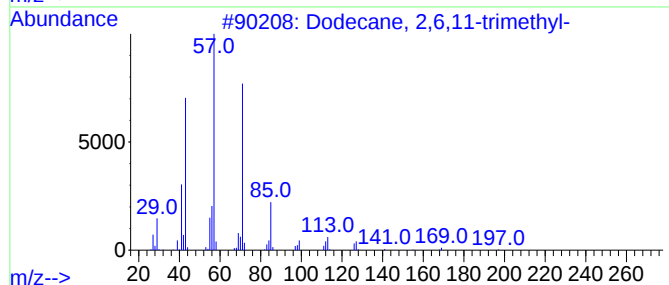
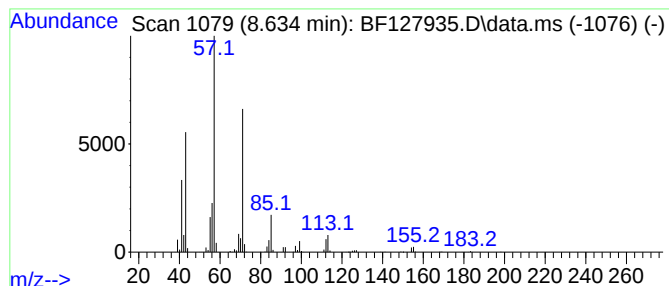
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane, 2,6,11-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.634	13.99 ng	828500	Naphthalene-d8	8.228

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	80
3			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	76
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	72
5			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
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Acq On : 27 Apr 2022 01:59
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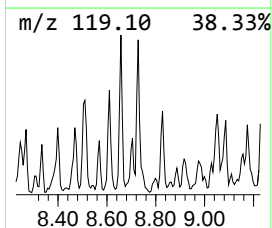
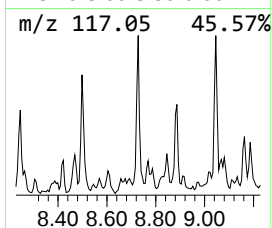
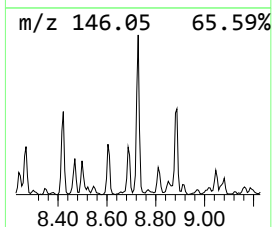
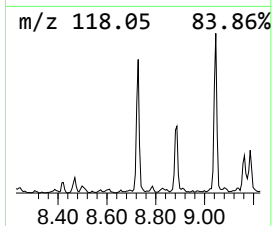
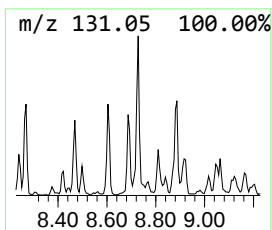
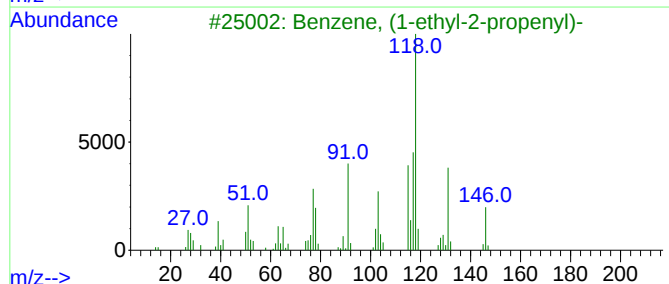
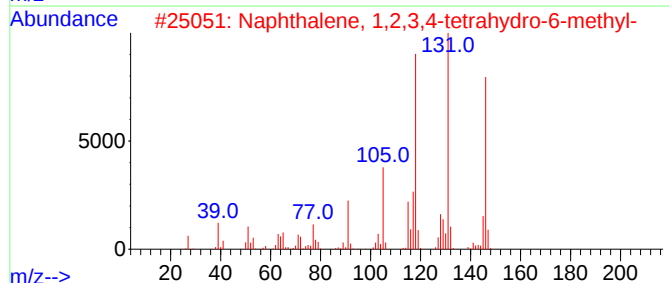
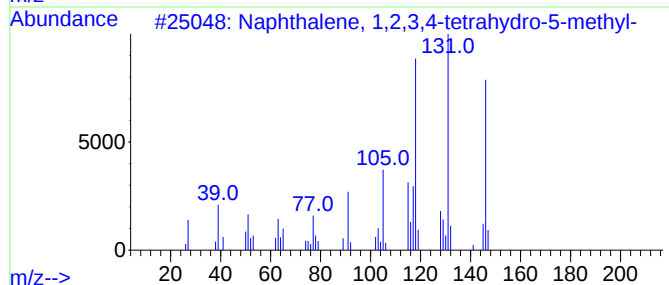
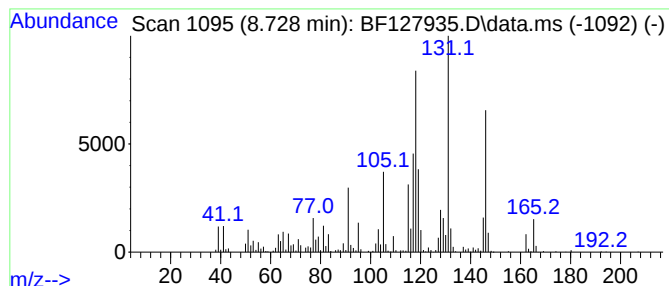
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.728	7.67 ng	454038	Naphthalene-d8	8.228	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	74
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127935.D
Acq On : 27 Apr 2022 01:59
Operator : CG\JU
Sample : N2555-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-042522

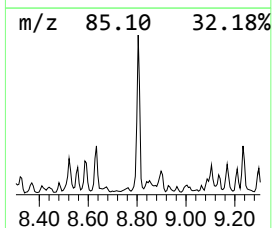
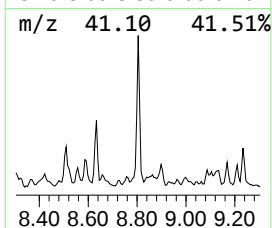
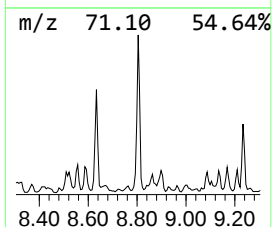
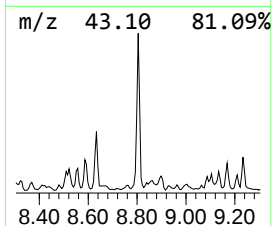
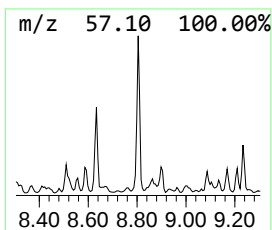
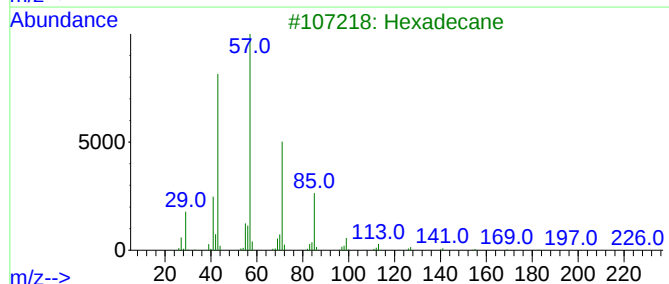
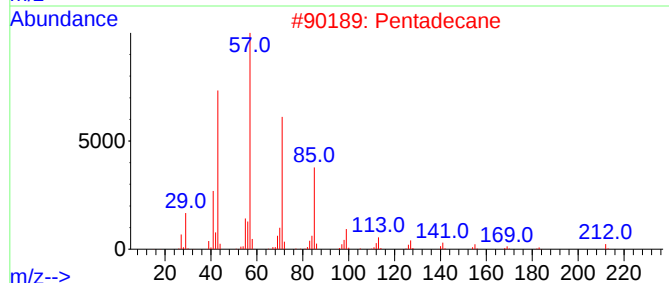
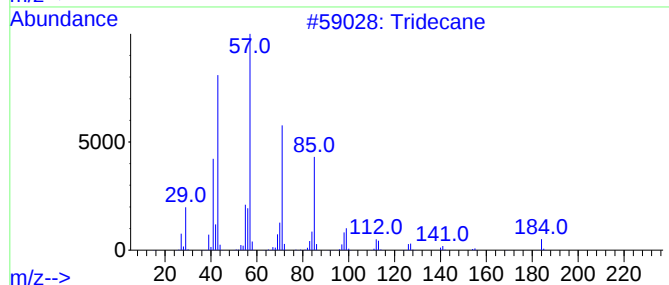
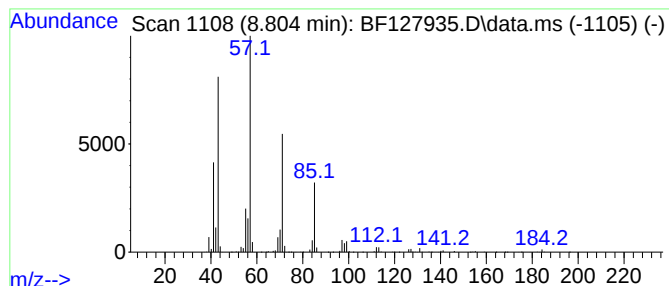
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.804	31.65 ng	1874180	Naphthalene-d8	8.228

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	92
2		Pentadecane	212	C15H32	000629-62-9	86
3		Hexadecane	226	C16H34	000544-76-3	86
4		Tetradecane	198	C14H30	000629-59-4	86
5		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127935.D
Acq On : 27 Apr 2022 01:59
Operator : CG\JU
Sample : N2555-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-042522

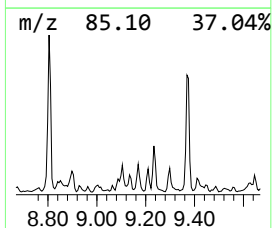
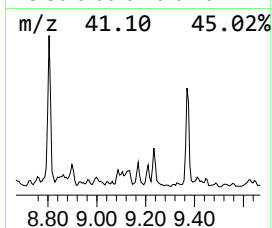
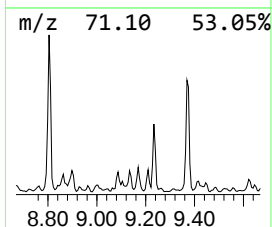
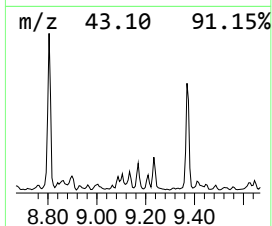
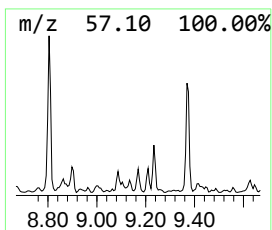
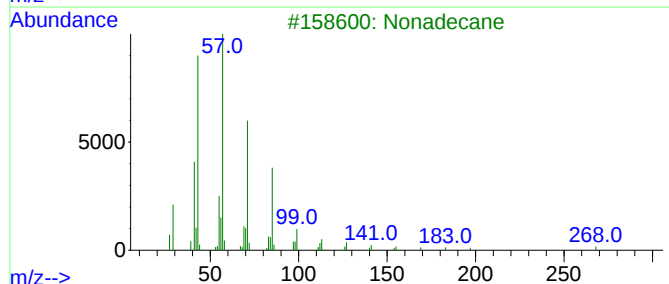
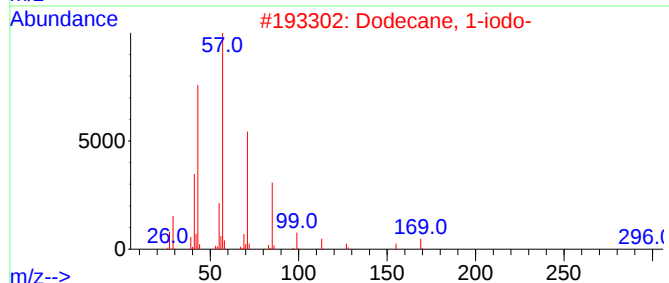
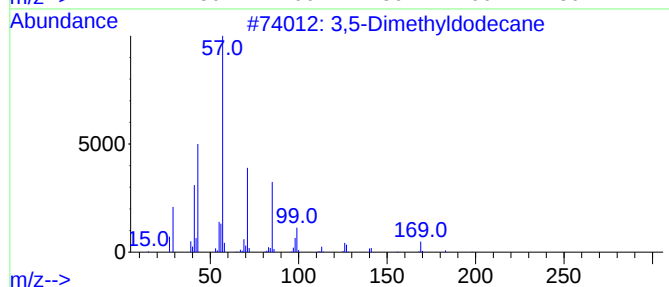
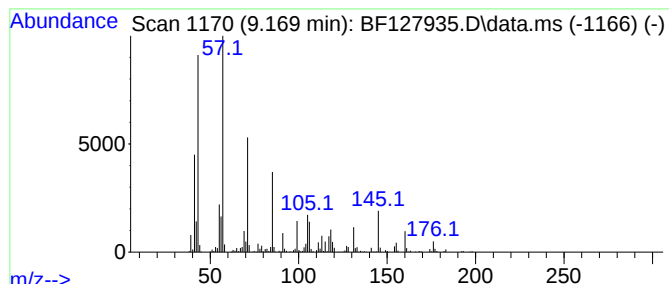
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown9.169 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.169	9.06 ng	515459	Acenaphthene-d10		9.986

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyldodecane		198	C14H30	107770-99-0	49
2	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	46
3	Nonadecane		268	C19H40	000629-92-5	46
4	Tetracosane		338	C24H50	000646-31-1	43
5	Heptane, 3,4-dimethyl-		128	C9H20	000922-28-1	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127935.D
Acq On : 27 Apr 2022 01:59
Operator : CG\JU
Sample : N2555-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

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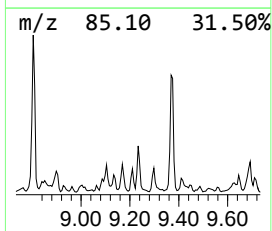
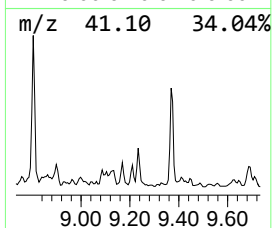
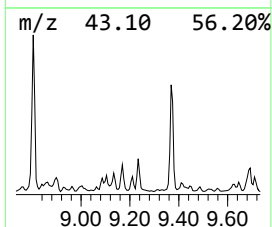
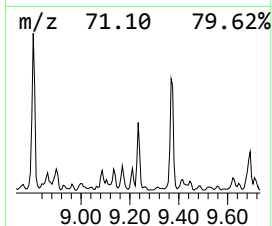
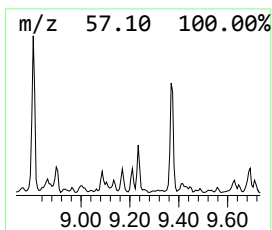
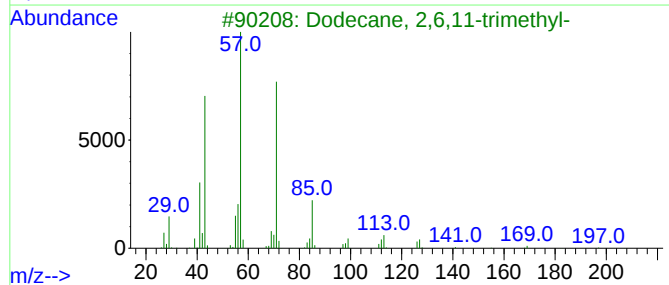
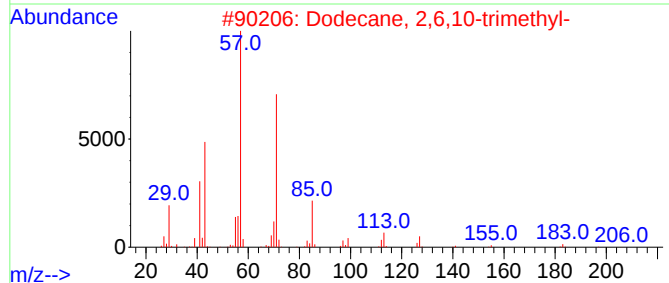
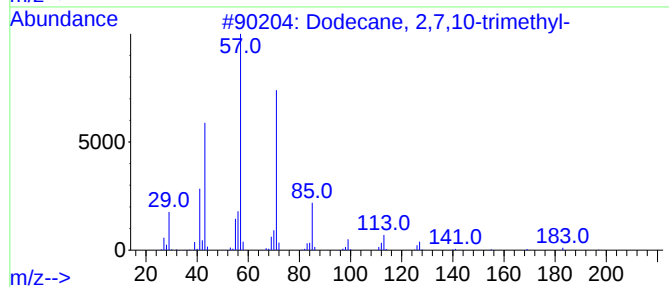
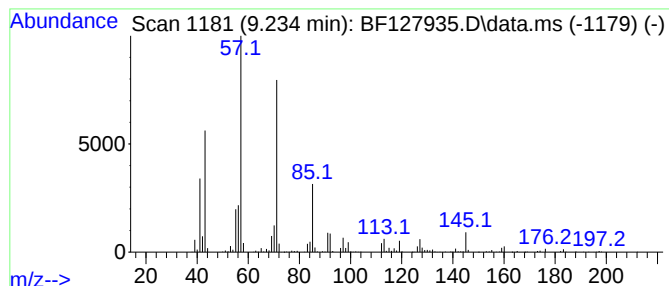
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dodecane, 2,7,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.234	10.60 ng	603221	Acenaphthene-d10	9.986

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
4		Bacchotricuneatin c	342	C20H22O5	066563-30-2	59
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127935.D
Acq On : 27 Apr 2022 01:59
Operator : CG\JU
Sample : N2555-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

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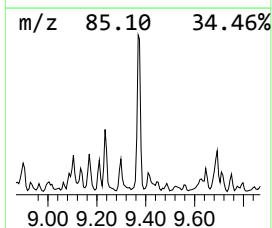
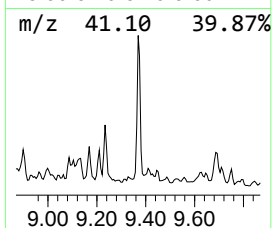
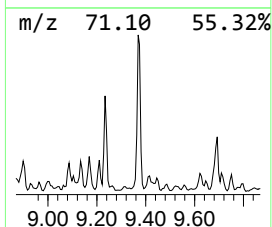
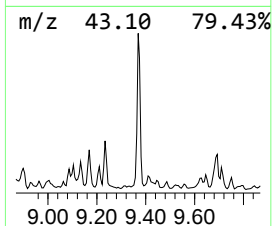
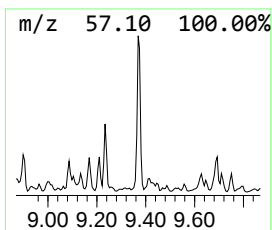
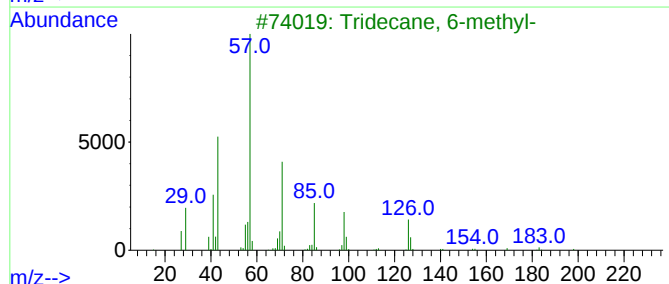
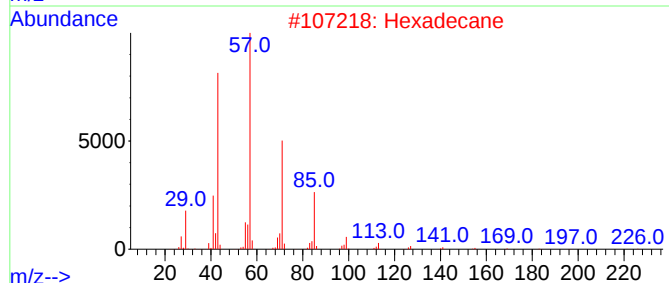
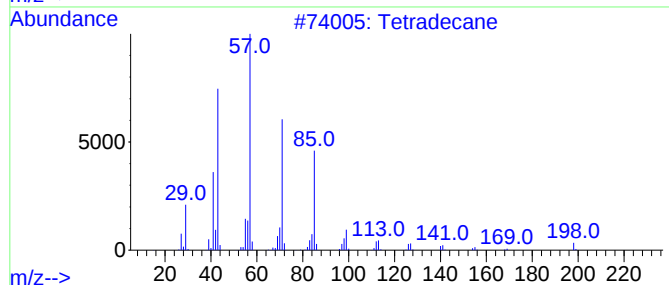
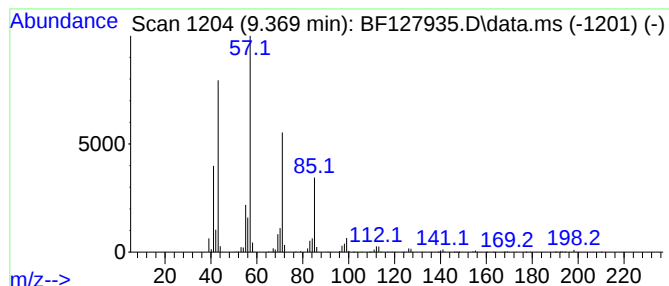
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.369	27.07 ng	1540880	Acenaphthene-d10	9.986

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	74
4		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	72
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127935.D
Acq On : 27 Apr 2022 01:59
Operator : CG\JU
Sample : N2555-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

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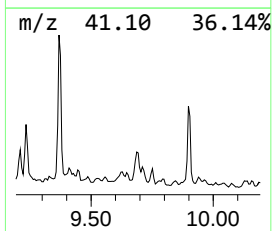
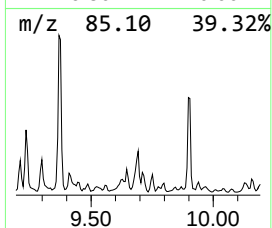
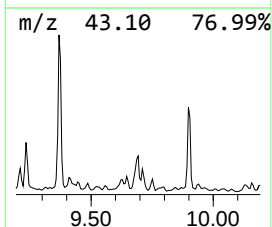
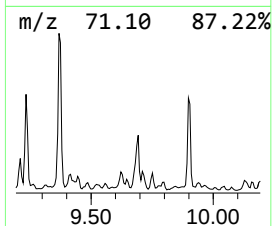
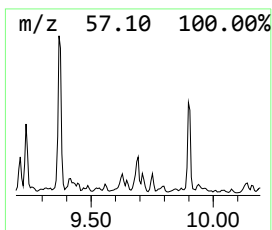
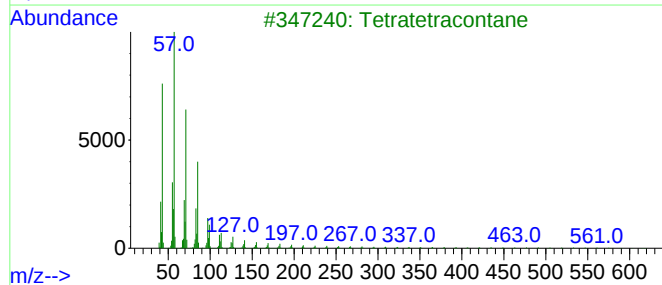
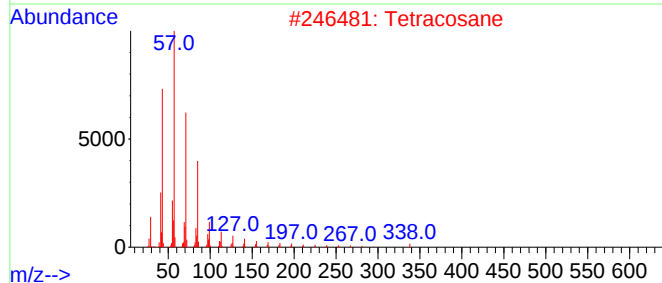
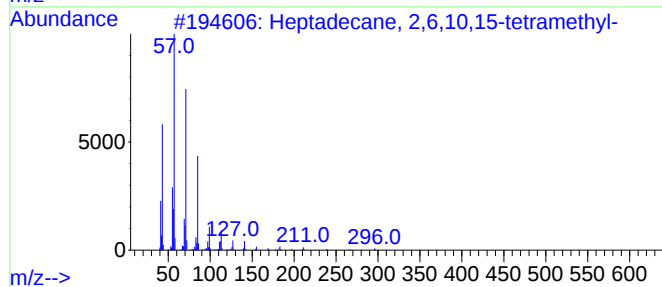
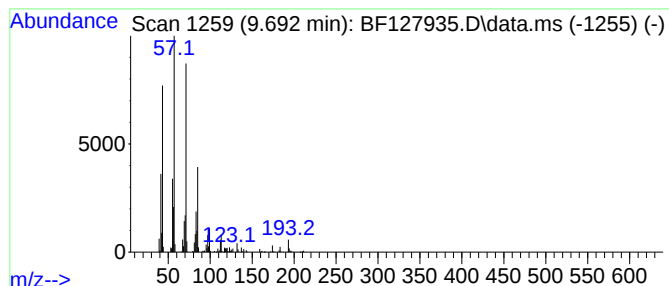
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptadecane, 2,6,10,15-tetr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.692	8.08 ng	459795	Acenaphthene-d10	9.986

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2			Tetracosane	338	C24H50	000646-31-1	80
3			Tetratetracontane	619	C44H90	007098-22-8	78
4			Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	78
5			Tetradecane	198	C14H30	000629-59-4	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127935.D
Acq On : 27 Apr 2022 01:59
Operator : CG\JU
Sample : N2555-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-03-042522

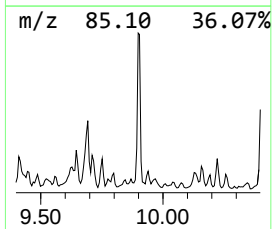
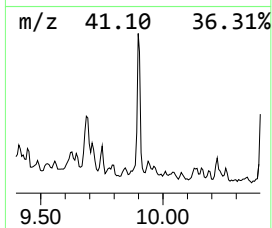
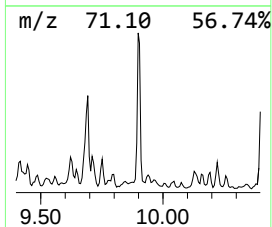
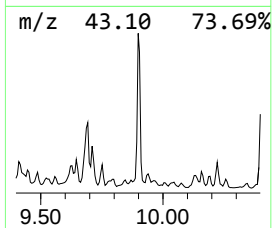
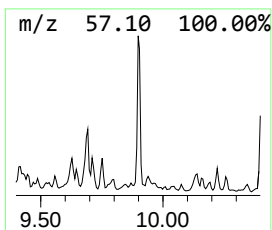
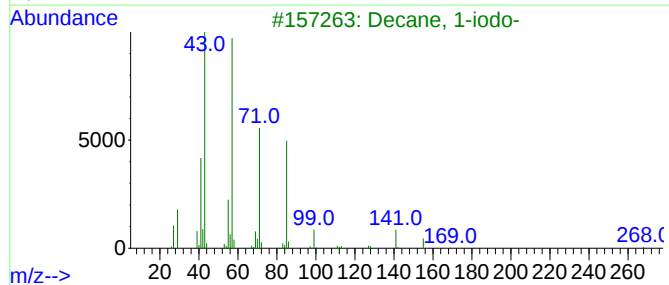
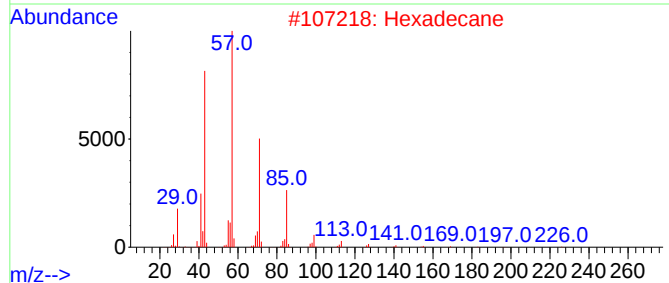
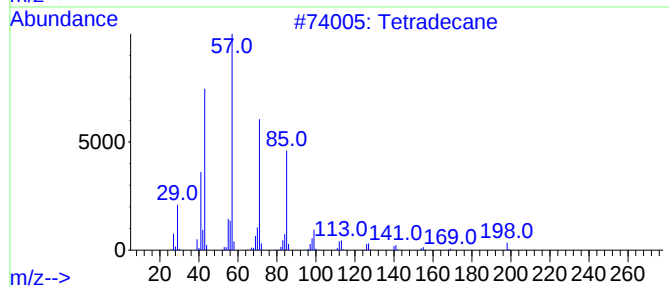
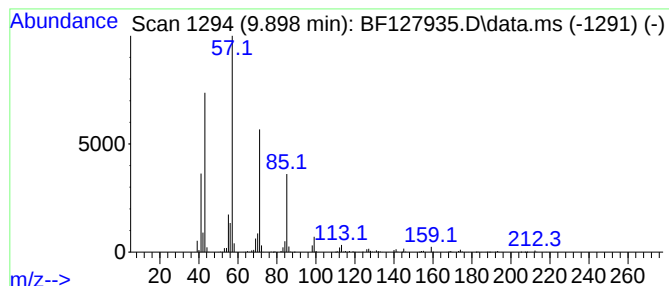
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.898	14.40 ng	819494	Acenaphthene-d10	9.986

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Decane, 1-iodo-	268	C10H21I	002050-77-3	86
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127935.D
Acq On : 27 Apr 2022 01:59
Operator : CG\JU
Sample : N2555-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

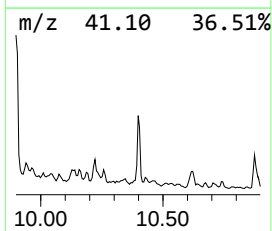
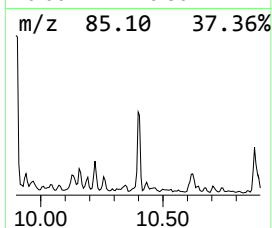
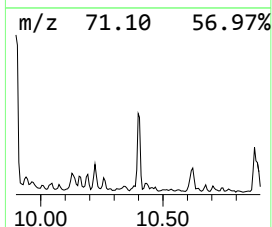
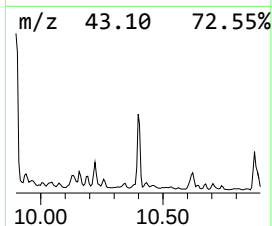
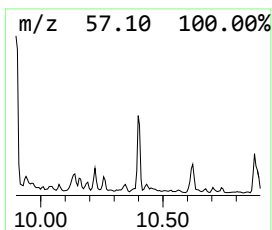
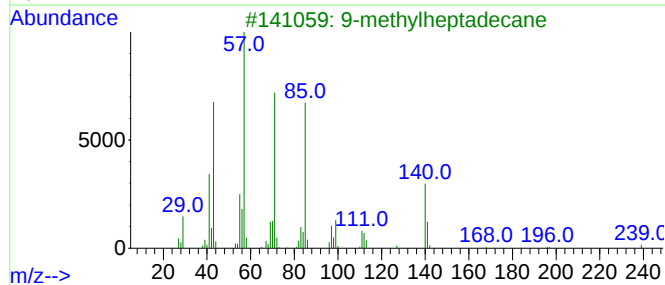
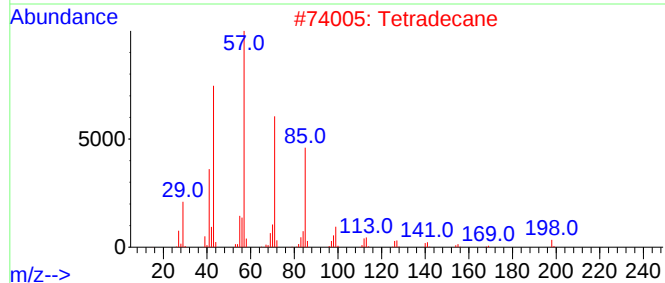
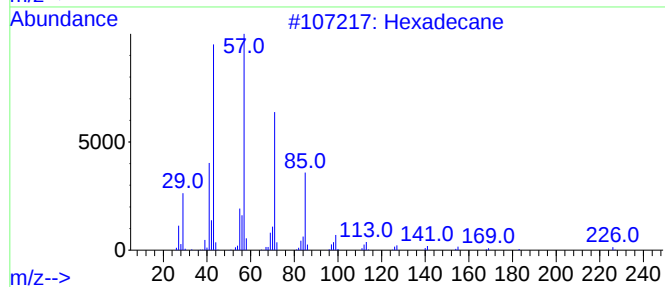
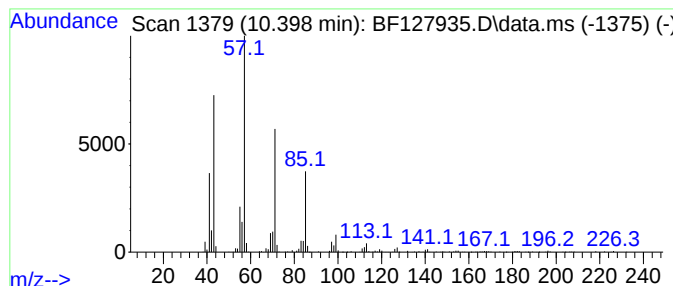
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ClientSampleId :
OR-03-042522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9-methylheptadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.398	7.67 ng	436403	Acenaphthene-d10		9.986	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Tetradecane		198	C14H30	000629-59-4	90
3	9-methylheptadecane		254	C18H38	026741-18-4	90
4	Tridecane, 7-propyl-		226	C16H34	055045-09-5	90
5	Nonane, 5-butyl-		184	C13H28	017312-63-9	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127935.D
Acq On : 27 Apr 2022 01:59
Operator : CG\JU
Sample : N2555-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-042522

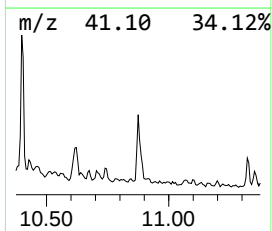
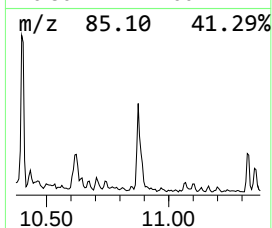
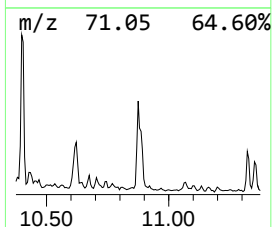
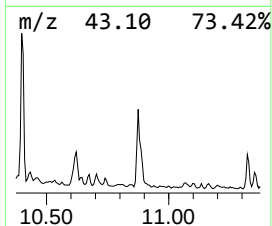
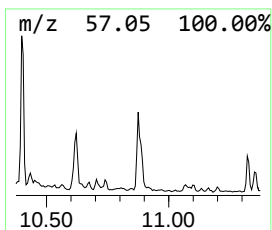
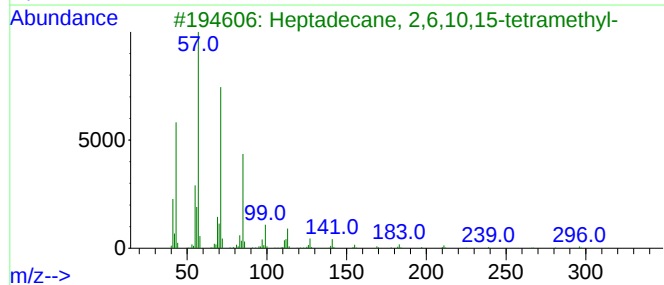
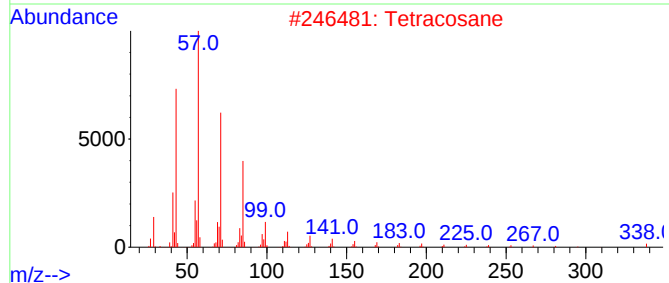
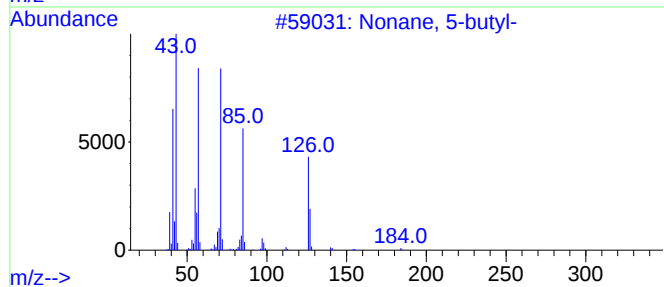
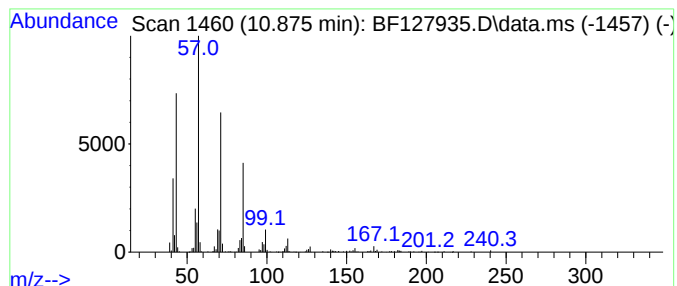
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Nonane, 5-butyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.875	7.68 ng	366511	Phenanthrene-d10	11.475

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 5-butyl-	184	C13H28	017312-63-9	90
2		Tetracosane	338	C24H50	000646-31-1	90
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4		Nonadecane	268	C19H40	000629-92-5	87
5		Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127935.D
Acq On : 27 Apr 2022 01:59
Operator : CG\JU
Sample : N2555-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-042522

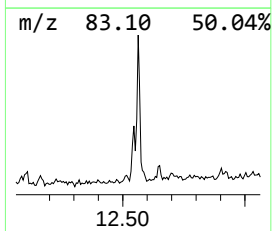
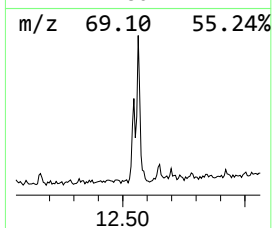
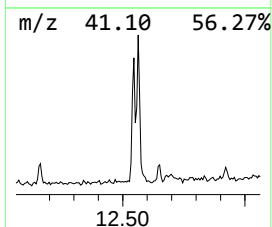
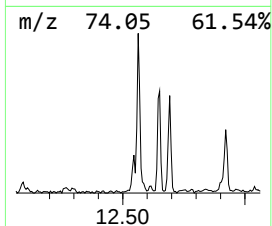
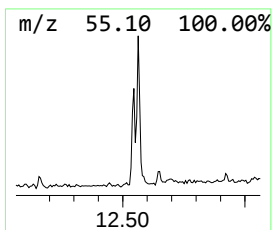
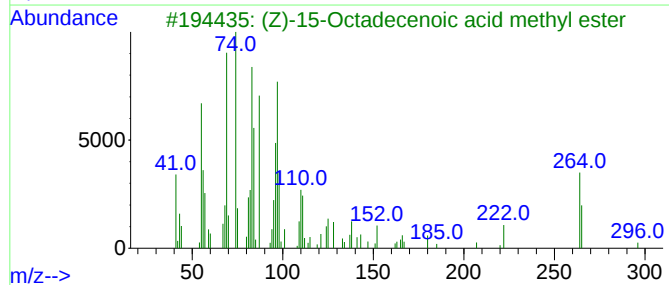
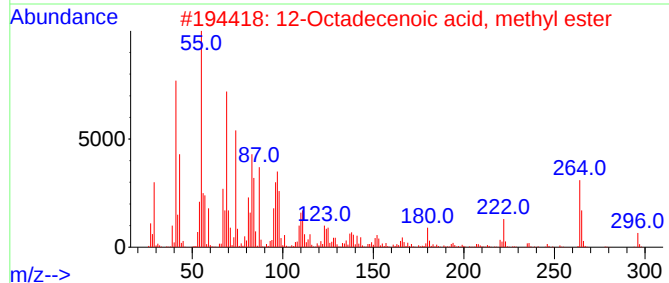
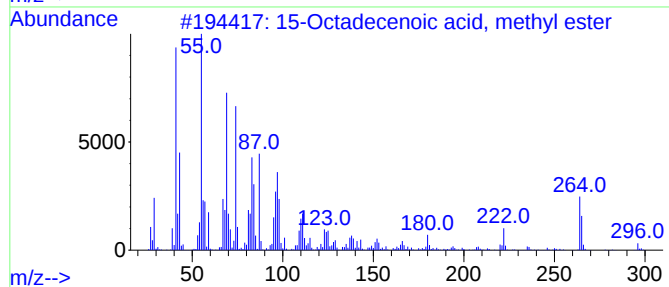
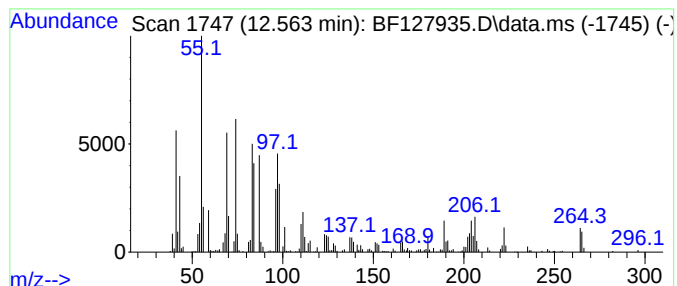
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 15-Octadecenoic acid, methyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	10.92 ng	521298	Phenanthrene-d10	11.475

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	93
2		12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	93
3		(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	90
4		6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	90
5		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127935.D
Acq On : 27 Apr 2022 01:59
Operator : CG\JU
Sample : N2555-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-042522

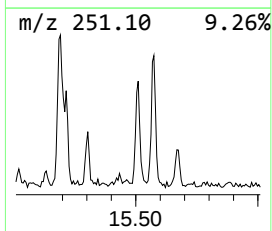
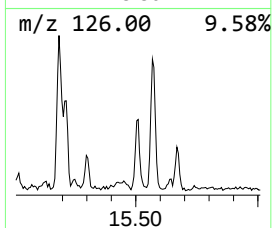
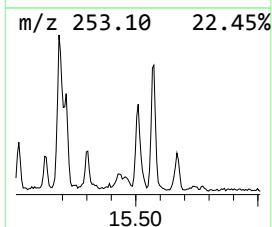
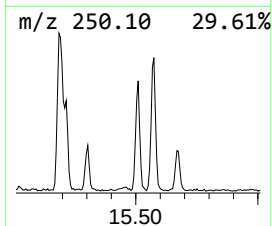
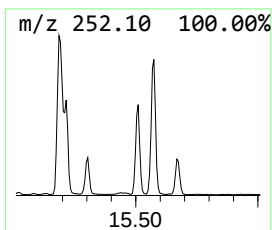
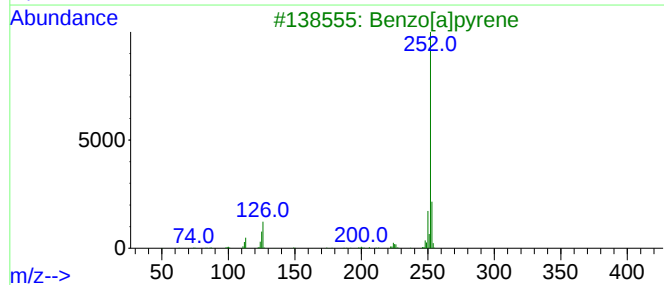
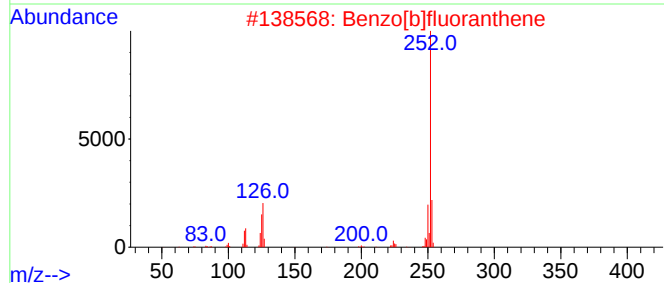
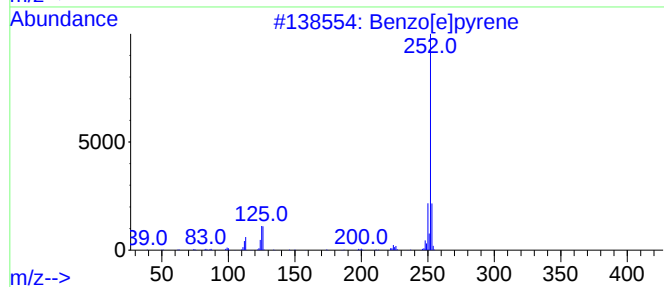
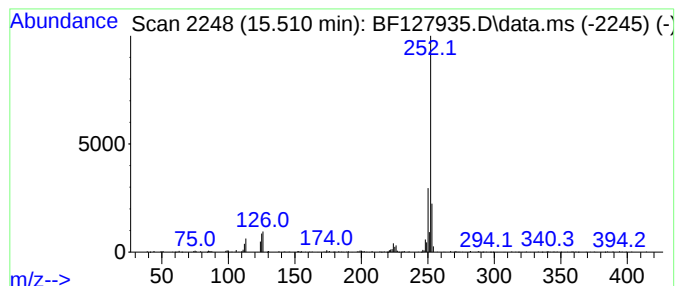
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.510	8.32 ng	276717	Perylene-d12	15.639

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	96
2		Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
3		Benzo[a]pyrene	252	C20H12	000050-32-8	93
4		Perylene	252	C20H12	000198-55-0	87
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
 Data File : BF127935.D
 Acq On : 27 Apr 2022 01:59
 Operator : CG\JU
 Sample : N2555-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-042522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Nonane	6.763	13.2	ng	760694	1	6.940	1148830	20.0
Heptane, 4-ethyl-	7.204	8.7	ng	497672	1	6.940	1148830	20.0
Decane, 2-methyl-	7.269	8.1	ng	465736	1	6.940	1148830	20.0
unknown7.581	7.581	10.2	ng	585112	1	6.940	1148830	20.0
unknown7.628	7.628	8.6	ng	511830	2	8.228	1184300	20.0
trans-4a-Methyl...	7.745	8.8	ng	518349	2	8.228	1184300	20.0
unknown7.963	7.963	10.3	ng	609156	2	8.228	1184300	20.0
unknown8.510	8.510	14.6	ng	861833	2	8.228	1184300	20.0
Dodecane, 2,6,1...	8.634	14.0	ng	828500	2	8.228	1184300	20.0
Naphthalene, 1,...	8.728	7.7	ng	454038	2	8.228	1184300	20.0
Tridecane	8.804	31.6	ng	1874180	2	8.228	1184300	20.0
unknown9.169	9.169	9.1	ng	515459	3	9.986	1138340	20.0
Dodecane, 2,7,1...	9.234	10.6	ng	603221	3	9.986	1138340	20.0
Tetradecane	9.369	27.1	ng	1540880	3	9.986	1138340	20.0
Heptadecane, 2,...	9.692	8.1	ng	459795	3	9.986	1138340	20.0
Hexadecane	9.898	14.4	ng	819494	3	9.986	1138340	20.0
9-methylheptade...	10.398	7.7	ng	436403	3	9.986	1138340	20.0
Nonane, 5-butyl-	10.875	7.7	ng	366511	4	11.475	954330	20.0
15-Octadecenoic...	12.563	10.9	ng	521298	4	11.475	954330	20.0
Benzo[e]pyrene	15.510	8.3	ng	276717	6	15.639	665572	20.0