

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
 Data File : BF134951.D
 Acq On : 25 Aug 2023 20:45
 Operator : CG\JU
 Sample : 04112-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-22282

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-BF082223.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134951.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.416	561	566	569	rBV	2006621	1755019	95.18%	5.891%
2	6.040	669	672	675	rBV2	72438	75088	4.07%	0.252%
3	6.228	699	704	707	rBV2	62482	71477	3.88%	0.240%
4	6.322	717	720	722	rBV	126155	126373	6.85%	0.424%
5	6.428	733	738	742	rVV	1829411	1843889	100.00%	6.189%
6	6.457	742	743	747	rVV3	54899	56192	3.05%	0.189%
7	6.528	751	755	759	rVV4	67708	113167	6.14%	0.380%
8	6.622	767	771	774	rBV2	274390	303984	16.49%	1.020%
9	6.787	795	799	806	rVB2	613871	707741	38.38%	2.376%
10	6.846	806	809	812	rBV2	101496	86264	4.68%	0.290%
11	6.881	812	815	817	rBV3	55207	61538	3.34%	0.207%
12	6.934	821	824	828	rVB	167962	147197	7.98%	0.494%
13	7.016	835	838	840	rBV3	68617	55949	3.03%	0.188%
14	7.063	843	846	849	rVB2	182653	184580	10.01%	0.620%
15	7.093	849	851	855	rBV3	121442	134352	7.29%	0.451%
16	7.128	855	857	860	rVB2	145870	115839	6.28%	0.389%
17	7.175	862	865	869	rBV2	261047	270361	14.66%	0.908%
18	7.210	869	871	876	rVB5	65091	74351	4.03%	0.250%
19	7.310	884	888	889	rBV3	125919	123382	6.69%	0.414%
20	7.351	892	895	898	rVV	1254164	1107288	60.05%	3.717%
21	7.387	898	901	904	rVB	750547	584322	31.69%	1.961%
22	7.434	904	909	912	rVB4	191972	283506	15.38%	0.952%
23	7.475	912	916	917	rBV2	94873	126901	6.88%	0.426%
24	7.498	917	920	924	rVV4	108374	116032	6.29%	0.389%
25	7.540	924	927	929	rVV2	61578	58625	3.18%	0.197%
26	7.569	929	932	933	rVV	136466	111256	6.03%	0.373%
27	7.593	933	936	939	rVB2	234686	219655	11.91%	0.737%
28	7.687	946	952	954	rBV4	178685	250502	13.59%	0.841%
29	7.704	954	955	960	rVB4	186988	204611	11.10%	0.687%
30	7.751	960	963	966	rBV3	151554	158350	8.59%	0.532%
31	7.787	966	969	971	rVV	192297	152188	8.25%	0.511%
32	7.822	971	975	979	rVV3	229962	287976	15.62%	0.967%
33	7.863	979	982	984	rVV	142938	116542	6.32%	0.391%
34	7.887	984	986	988	rVV2	121286	106915	5.80%	0.359%
35	7.940	992	995	998	rBV2	95425	117353	6.36%	0.394%
36	7.975	998	1001	1003	rVV	77881	58518	3.17%	0.196%

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37	8.057	1011	1015	1020	rBV2	962910	1361095	73.82%	4.569%
38	8.134	1023	1028	1030	rVB	517094	501848	27.22%	1.685%
39	8.157	1030	1032	1035	rBV3	134837	129827	7.04%	0.436%
40	8.228	1040	1044	1045	rBV4	69242	89157	4.84%	0.299%
41	8.269	1049	1051	1054	rVB2	129849	132311	7.18%	0.444%
42	8.363	1062	1067	1070	rBV3	316129	426964	23.16%	1.433%
43	8.416	1074	1076	1079	rVB3	195579	150302	8.15%	0.505%
44	8.451	1079	1082	1085	rVB3	266649	264668	14.35%	0.888%
45	8.493	1085	1089	1091	rBV	637317	535489	29.04%	1.797%
46	8.534	1094	1096	1098	rVB3	116272	98770	5.36%	0.332%
47	8.575	1100	1103	1105	rVB2	151487	118717	6.44%	0.398%
48	8.610	1105	1109	1111	rBV4	98341	111493	6.05%	0.374%
49	8.663	1115	1118	1121	rBV	934103	721290	39.12%	2.421%
50	8.728	1126	1129	1131	rVB3	120236	110565	6.00%	0.371%
51	8.757	1131	1134	1137	rVB3	177662	182311	9.89%	0.612%
52	8.781	1137	1138	1141	rVB2	113547	76062	4.13%	0.255%
53	8.845	1147	1149	1150	rBV2	64784	56651	3.07%	0.190%
54	8.893	1153	1157	1161	rVB5	144389	188368	10.22%	0.632%
55	8.945	1164	1166	1168	rBV2	156033	145388	7.88%	0.488%
56	8.981	1169	1172	1173	rVB2	73395	62253	3.38%	0.209%
57	9.028	1178	1180	1183	rVV2	175864	159389	8.64%	0.535%
58	9.069	1184	1187	1189	rVV2	139607	127773	6.93%	0.429%
59	9.093	1189	1191	1196	rVV2	483503	423250	22.95%	1.421%
60	9.145	1197	1200	1203	rVV	2257935	1813098	98.33%	6.086%
61	9.228	1210	1214	1218	rBV	687073	693569	37.61%	2.328%
62	9.263	1218	1220	1223	rVV2	277113	294206	15.96%	0.988%
63	9.298	1223	1226	1231	rVB3	142776	173708	9.42%	0.583%
64	9.345	1231	1234	1237	rBV2	85824	83873	4.55%	0.282%
65	9.416	1242	1246	1249	rVB3	184092	231187	12.54%	0.776%
66	9.457	1251	1253	1255	rBV2	93968	97128	5.27%	0.326%
67	9.481	1255	1257	1260	rVV2	256986	277200	15.03%	0.930%
68	9.510	1260	1262	1264	rVB	234221	170774	9.26%	0.573%
69	9.551	1264	1269	1271	rBV2	561839	583486	31.64%	1.959%
70	9.575	1271	1273	1276	rVV2	159903	140935	7.64%	0.473%
71	9.610	1276	1279	1282	rVB3	131618	153033	8.30%	0.514%
72	9.640	1282	1284	1290	rVB7	68282	85052	4.61%	0.285%
73	9.687	1290	1292	1297	rBV4	87364	126294	6.85%	0.424%
74	9.734	1297	1300	1302	rBV3	136164	108503	5.88%	0.364%
75	9.763	1302	1305	1309	rVB	425702	341502	18.52%	1.146%
76	9.804	1309	1312	1313	rBV3	150738	154763	8.39%	0.519%

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77	9.828	1313	1316	1318	rVB	646220	573740	31.12%	1.926%
78	9.934	1331	1334	1337	rVB2	129110	145570	7.89%	0.489%
79	10.028	1347	1350	1352	rVB2	141931	135303	7.34%	0.454%
80	10.087	1358	1360	1364	rVB4	144414	136387	7.40%	0.458%
81	10.145	1367	1370	1373	rBV2	128562	153688	8.33%	0.516%
82	10.198	1377	1379	1382	rVB3	67785	63376	3.44%	0.213%
83	10.234	1382	1385	1387	rBV2	145209	143393	7.78%	0.481%
84	10.263	1387	1390	1392	rVV2	241915	185269	10.05%	0.622%
85	10.369	1405	1408	1410	rBV3	91599	101203	5.49%	0.340%
86	10.487	1425	1428	1433	rVB	290941	284717	15.44%	0.956%
87	10.575	1440	1443	1445	rBV3	77273	79163	4.29%	0.266%
88	10.616	1445	1450	1454	rVV	1144763	1047667	56.82%	3.517%
89	10.751	1469	1473	1480	rBV	482053	633217	34.34%	2.125%
90	10.951	1505	1507	1513	rBV6	83831	108466	5.88%	0.364%
91	11.192	1546	1548	1550	rBV	122807	101066	5.48%	0.339%
92	11.222	1550	1553	1557	rVB	297939	305483	16.57%	1.025%
93	11.316	1566	1569	1577	rBV	587092	592068	32.11%	1.987%
94	11.857	1658	1661	1666	rVB	277099	278604	15.11%	0.935%
95	12.916	1837	1841	1844	rBV	1887528	1589333	86.19%	5.335%
96	13.822	1992	1995	2004	rVB2	175779	239944	13.01%	0.805%
97	13.969	2017	2020	2024	rBV	410681	382718	20.76%	1.285%
98	14.075	2035	2038	2044	rVB2	53434	65886	3.57%	0.221%
99	14.457	2100	2103	2105	rBV2	54193	61372	3.33%	0.206%
100	15.445	2267	2271	2276	rBV	261813	314389	17.05%	1.055%

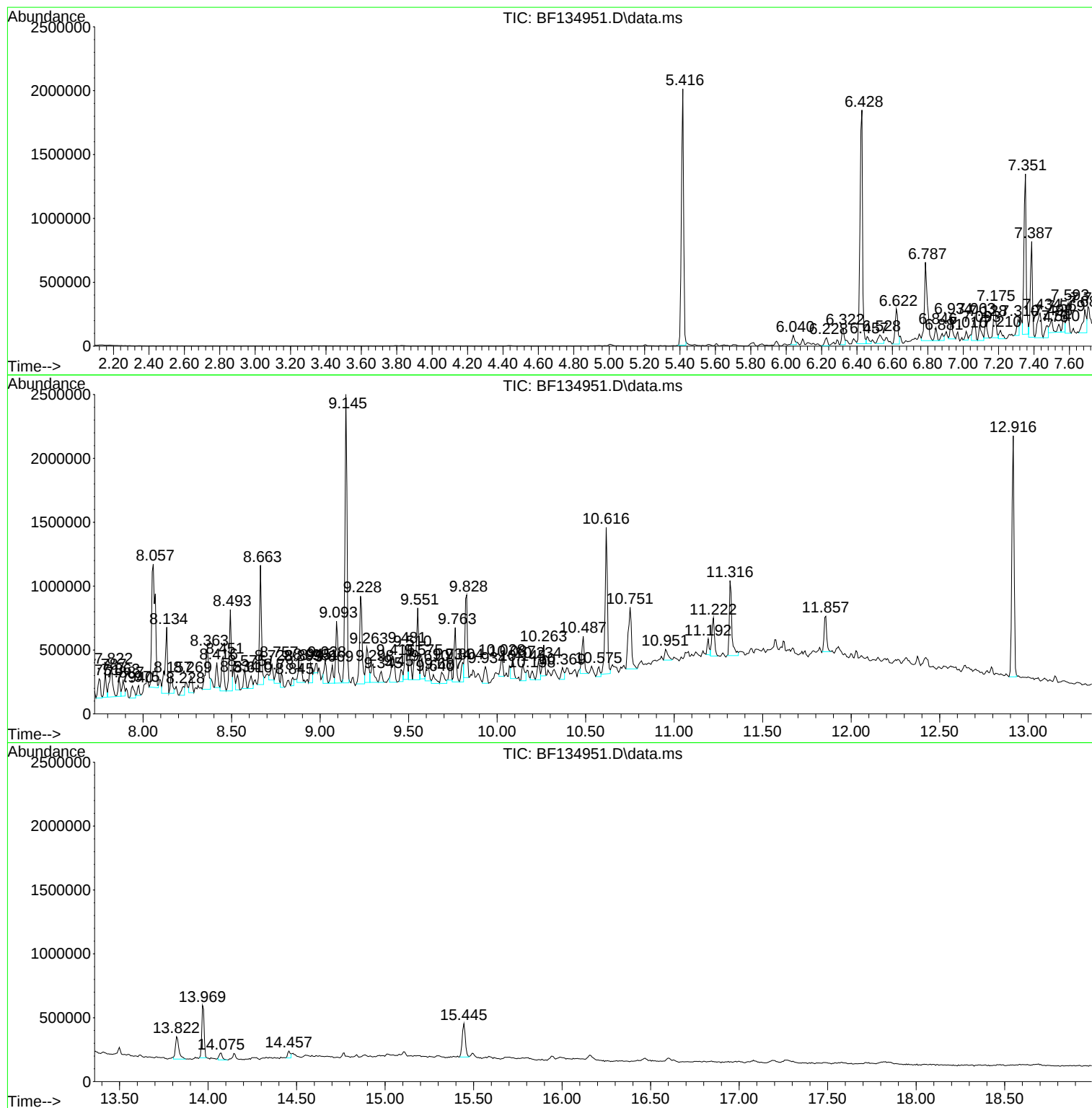
Sum of corrected areas: 29791557

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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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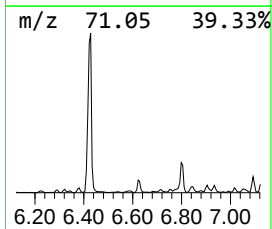
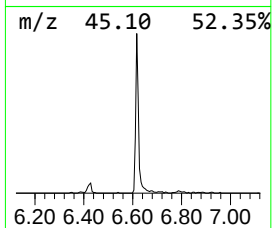
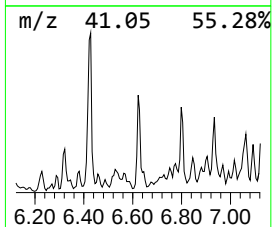
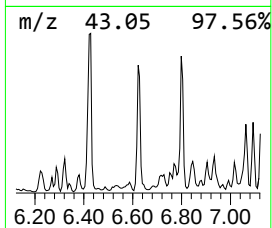
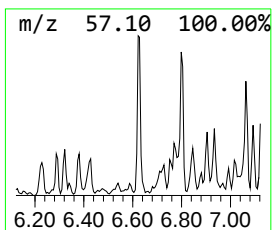
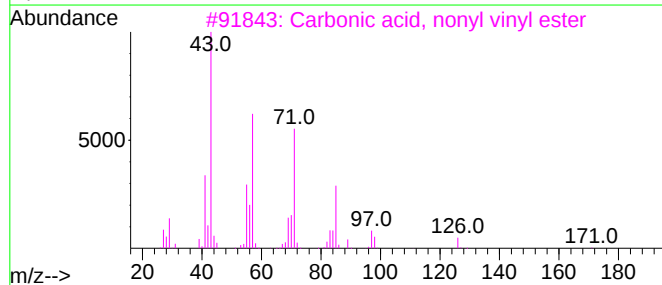
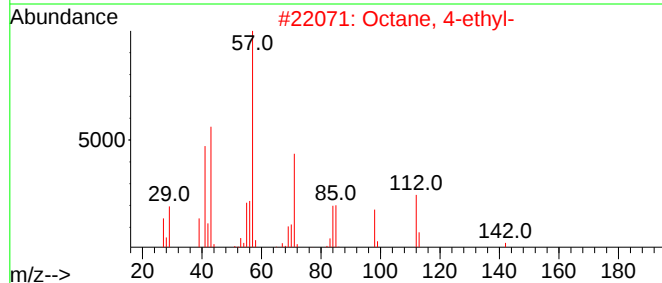
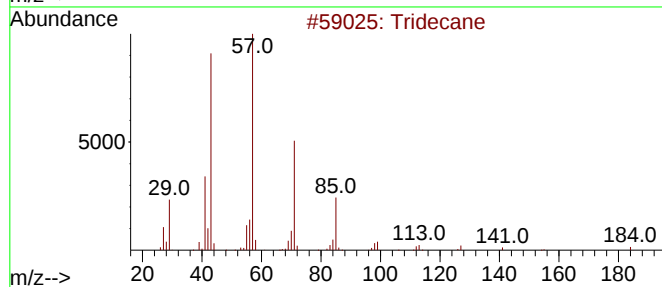
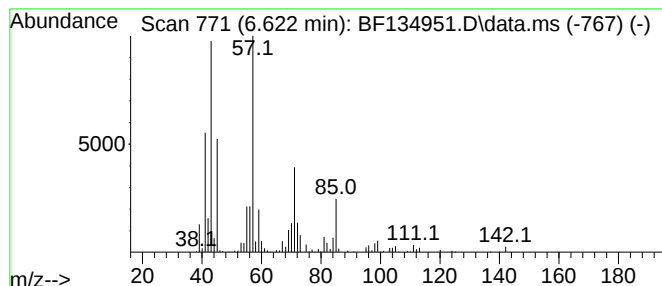
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.622 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.622	8.59 ng	303984	1,4-Dichlorobenzene-d4	6.787

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	46
2			Octane, 4-ethyl-	142	C10H22	015869-86-0	46
3			Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	43
4			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	43
5			Decane	142	C10H22	000124-18-5	43



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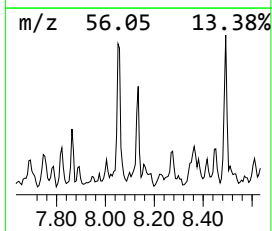
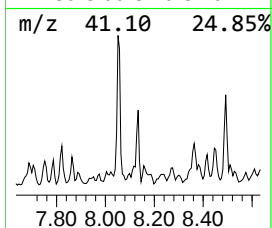
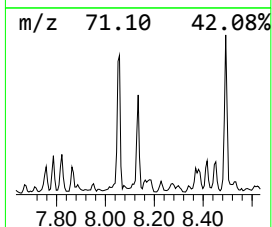
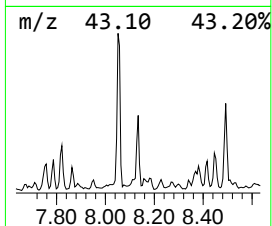
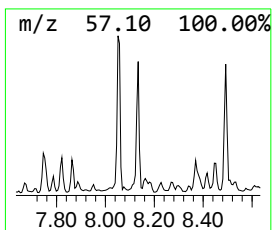
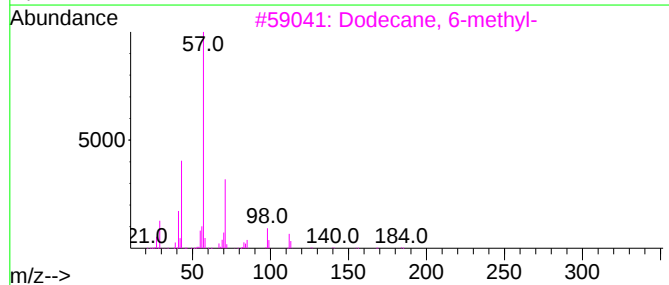
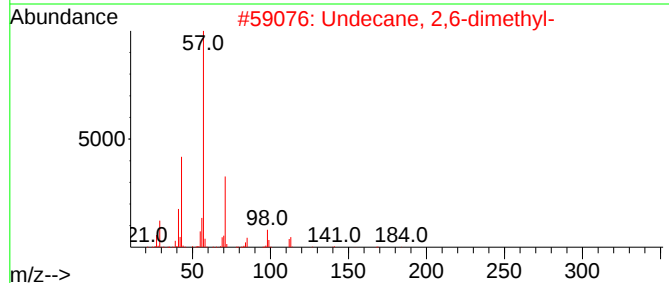
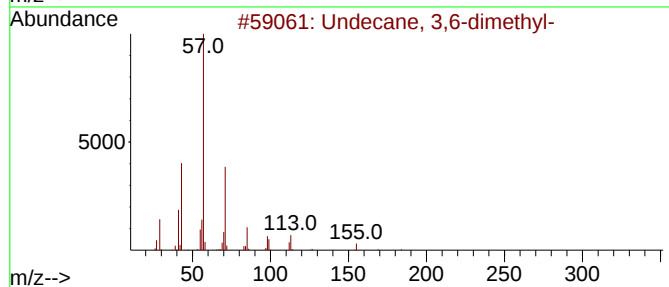
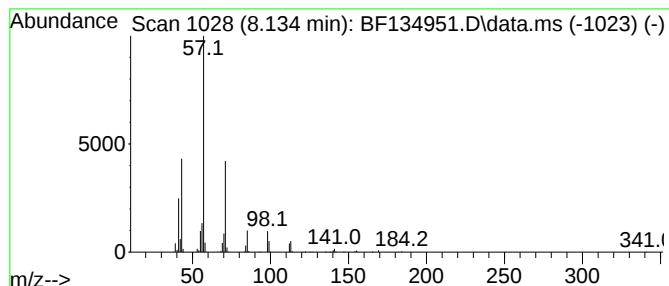
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Undecane, 3,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.134	7.37 ng	501848	Naphthalene-d8	8.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	94
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
3			Dodecane, 6-methyl-	184	C13H28	006044-71-9	91
4			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	90
5			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	80



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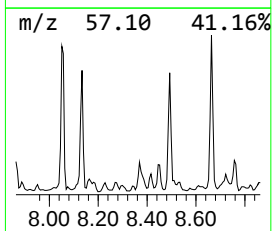
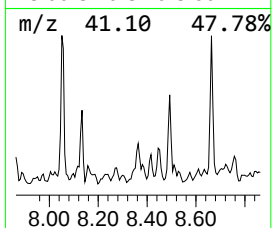
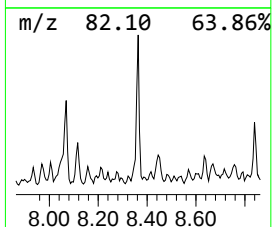
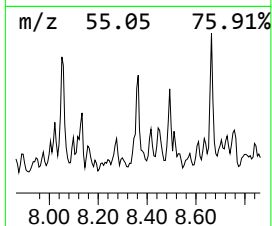
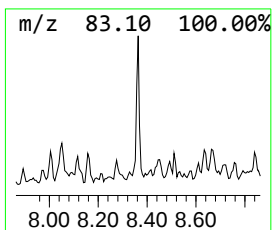
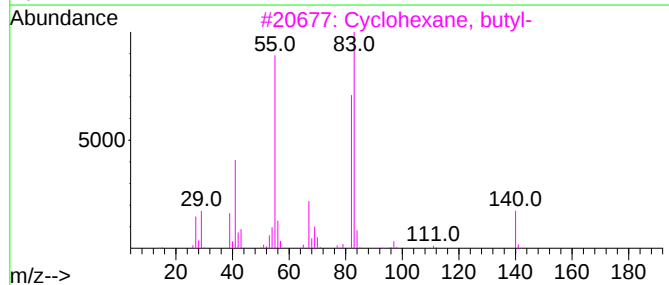
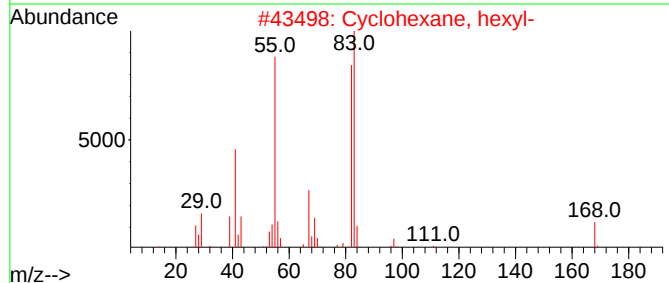
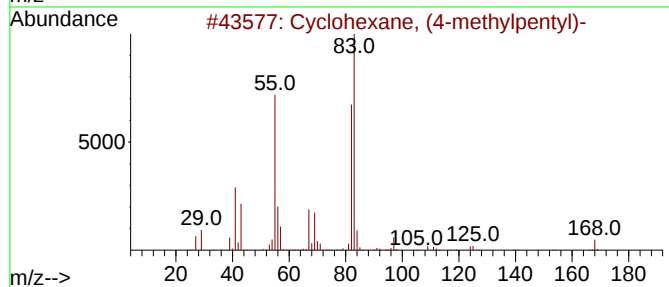
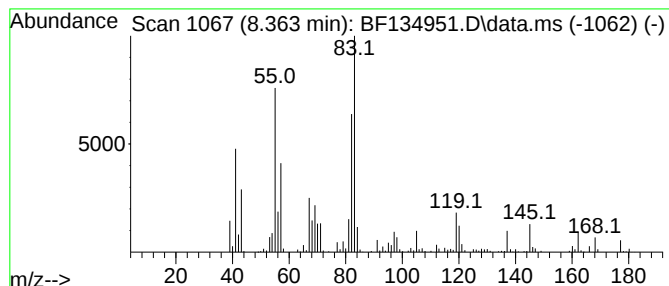
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, (4-methylpentyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.363	6.27 ng	426964	Naphthalene-d8	8.069	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	62
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	53
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	53
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134951.D
Acq On : 25 Aug 2023 20:45
Operator : CG\JU
Sample : 04112-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RBR-22282

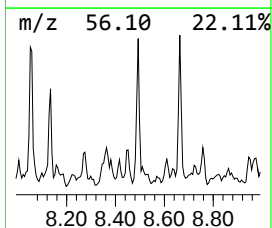
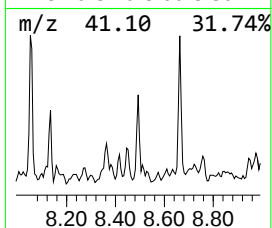
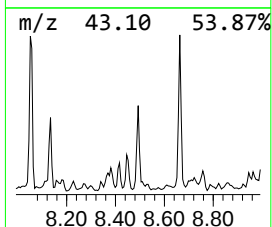
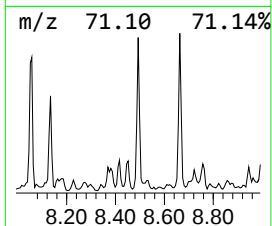
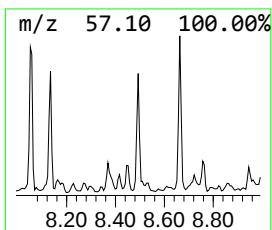
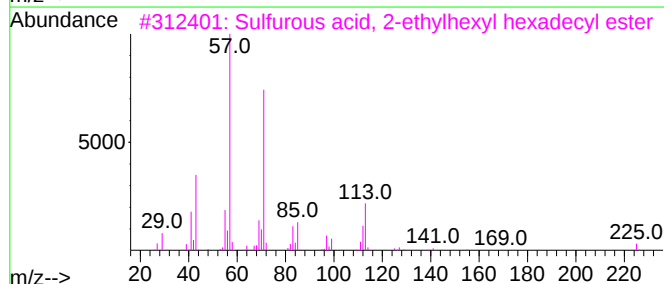
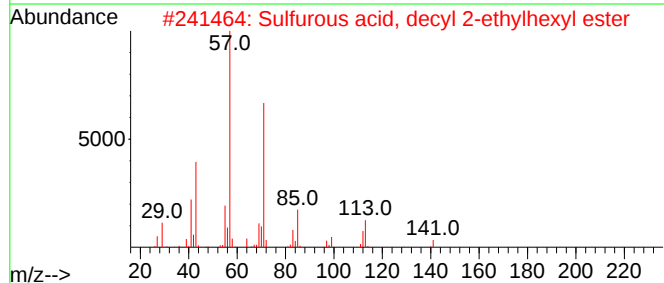
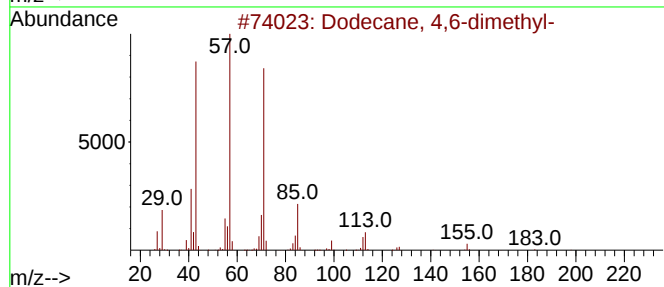
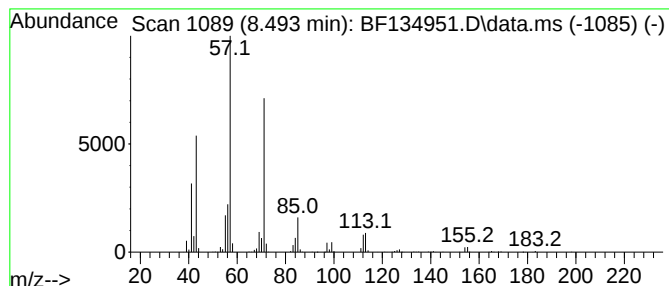
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Dodecane, 4,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.493	7.87 ng	535489	Naphthalene-d8	8.069

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	89
2		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	80
3		Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	72
4		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
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Acq On : 25 Aug 2023 20:45
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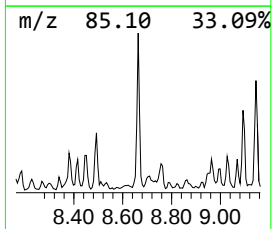
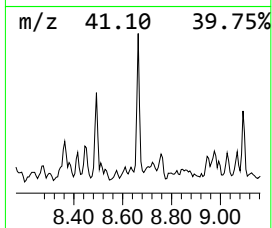
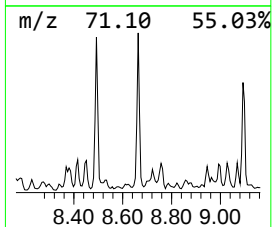
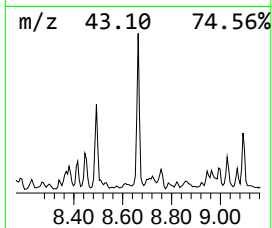
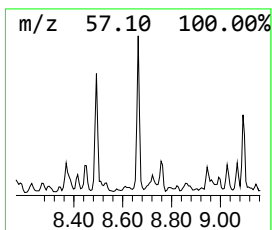
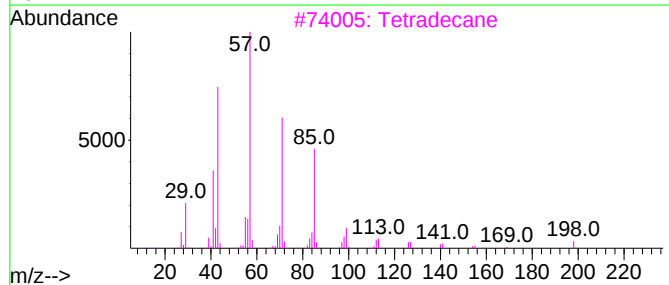
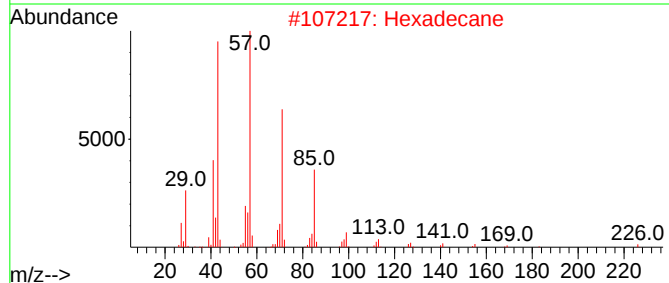
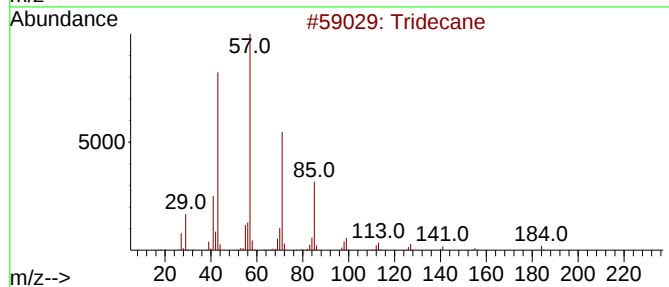
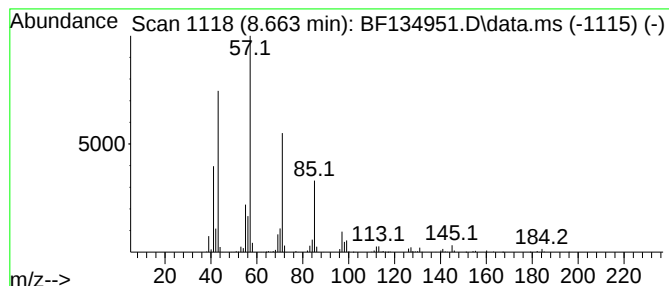
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.663	10.60 ng	721290	Naphthalene-d8	8.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	95
2			Hexadecane	226	C16H34	000544-76-3	87
3			Tetradecane	198	C14H30	000629-59-4	86
4			Pentadecane	212	C15H32	000629-62-9	86
5			Dodecane, 2-methyl-	184	C13H28	001560-97-0	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
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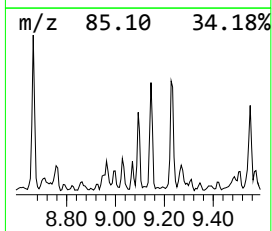
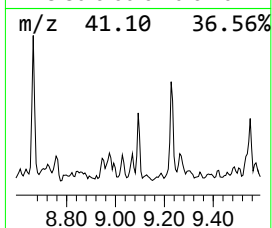
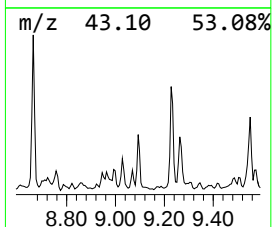
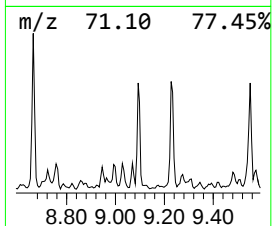
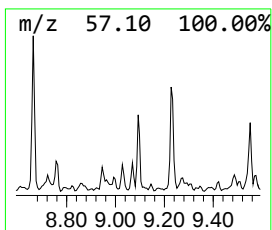
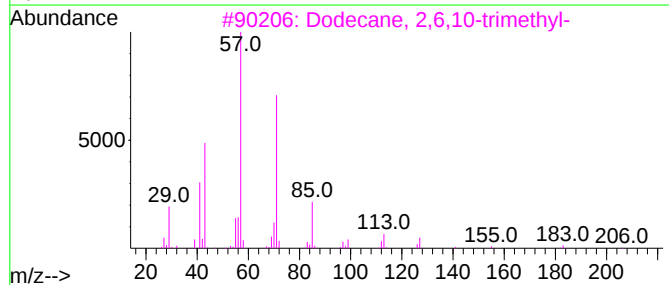
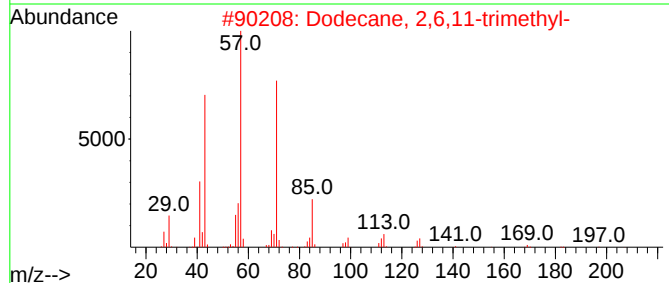
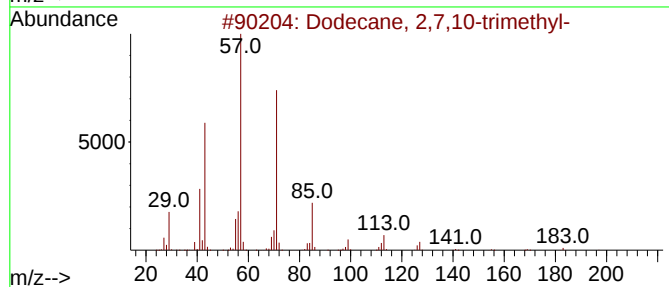
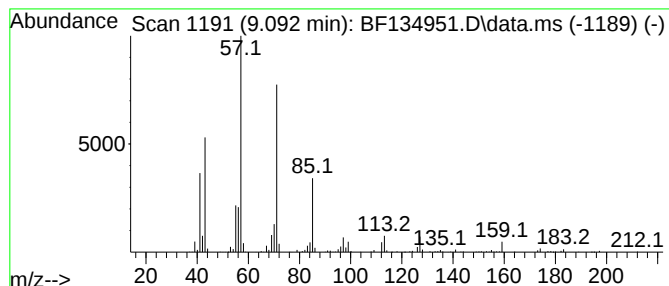
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane, 2,7,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.092	14.75 ng	423250	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
4			Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
5			Undecane, 5-methyl-	170	C12H26	001632-70-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134951.D
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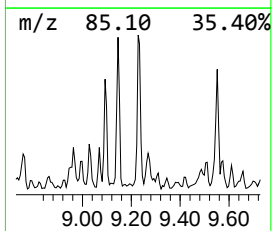
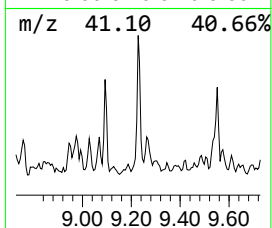
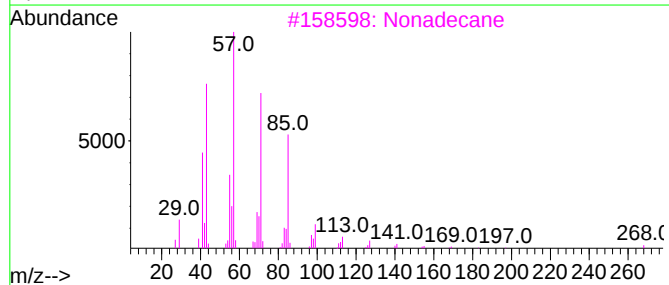
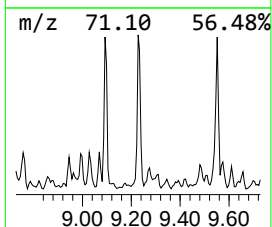
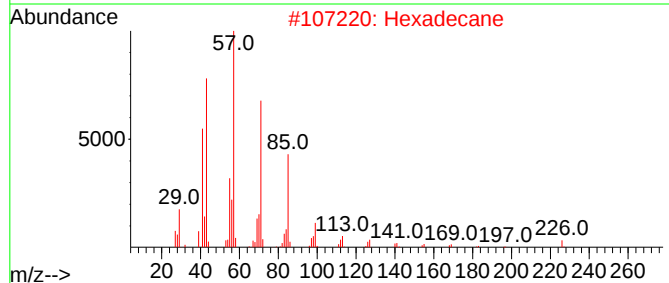
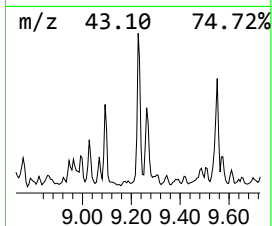
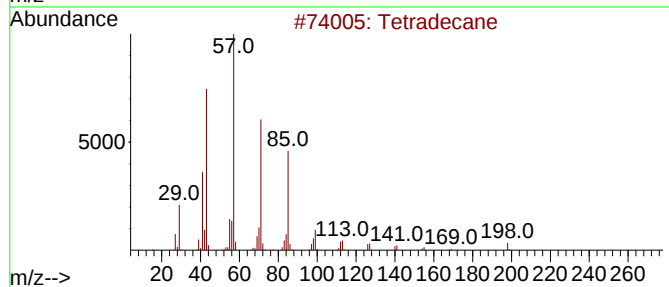
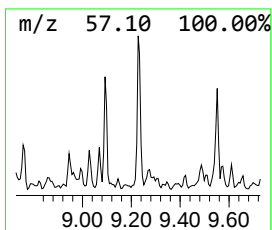
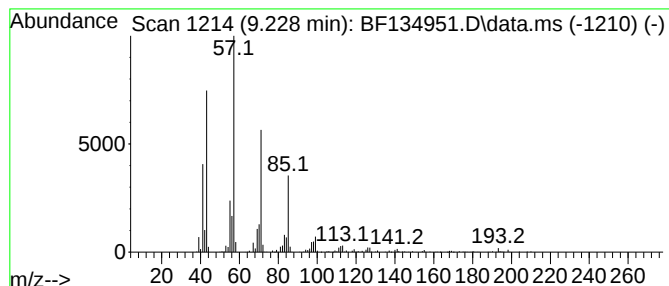
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.228	24.18 ng	693569	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	94
2			Hexadecane	226	C16H34	000544-76-3	91
3			Nonadecane	268	C19H40	000629-92-5	91
4			10-Methylnonadecane	282	C20H42	056862-62-5	91
5			Dodecane	170	C12H26	000112-40-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
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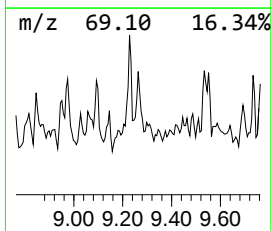
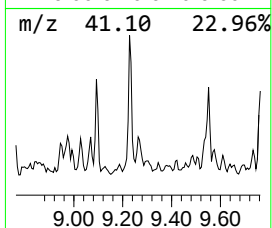
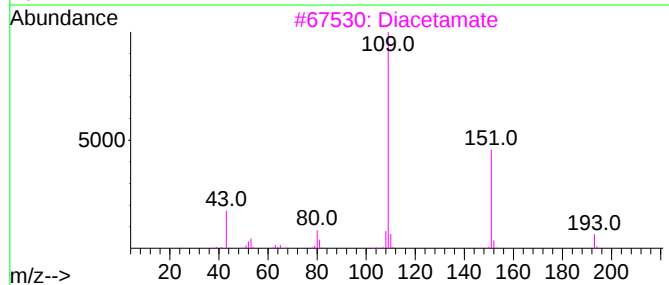
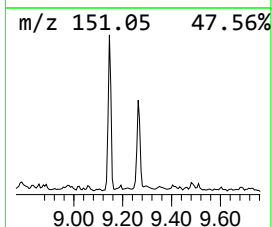
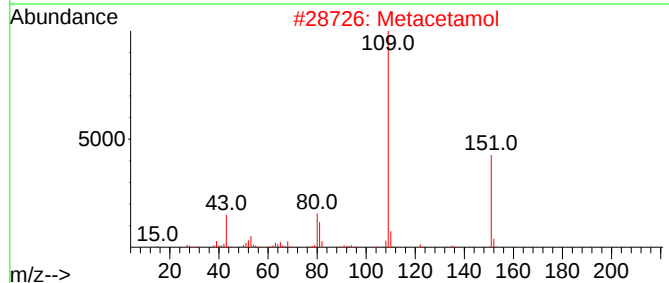
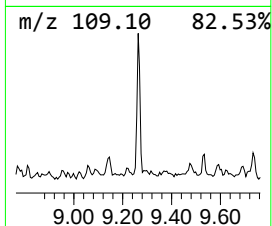
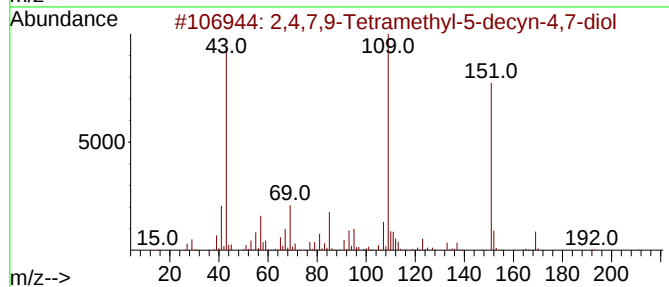
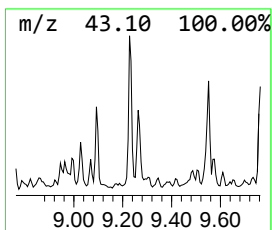
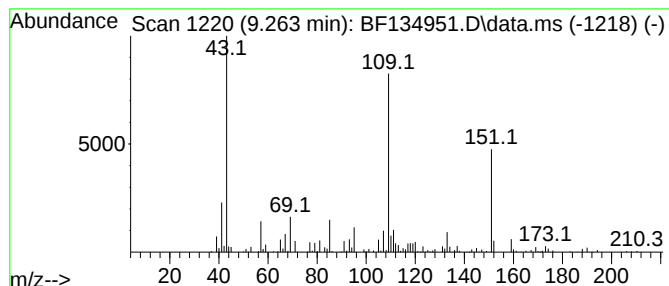
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.263	10.26 ng	294206	Acenaphthene-d10	9.828

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	50	
2	Metacetamol	151	C8H9NO2	000621-42-1	50	
3	Diacetamate	193	C10H11NO3	002623-33-8	50	
4	(+)-Camphor-10-sulfonyl chloride	250	C10H15ClO3S	021286-54-4	45	
5	N-(4-tert-Butoxyphenyl)acetamide...	249	C14H19NO3	1000504-17-4	42	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
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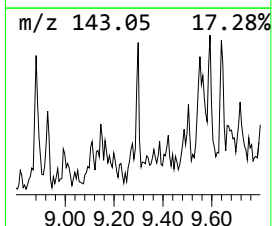
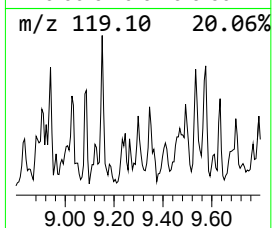
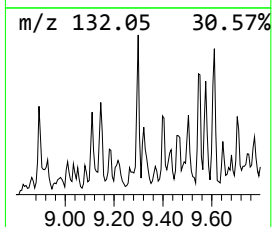
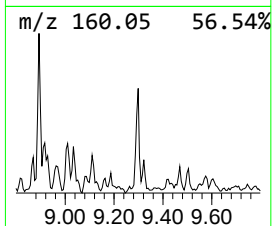
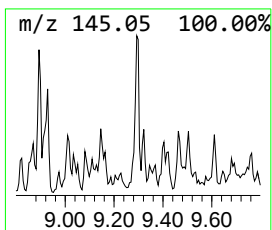
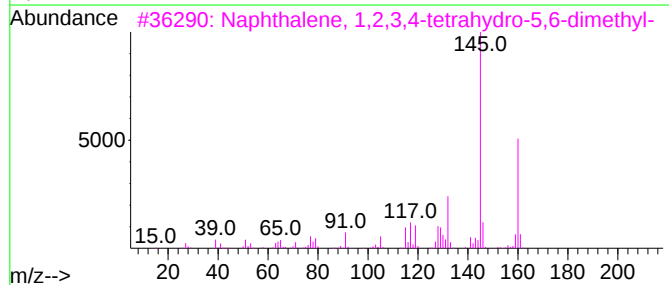
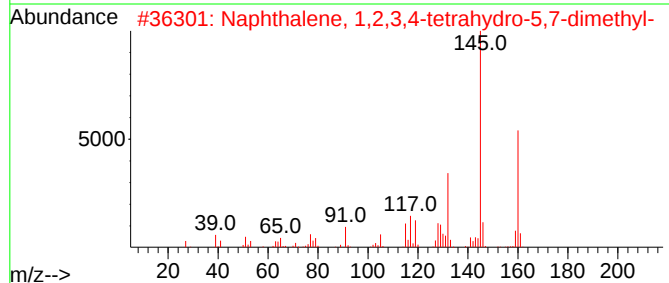
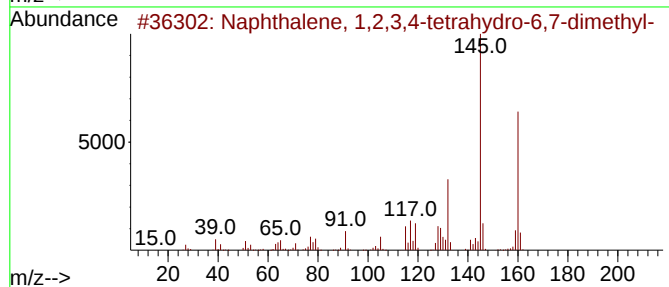
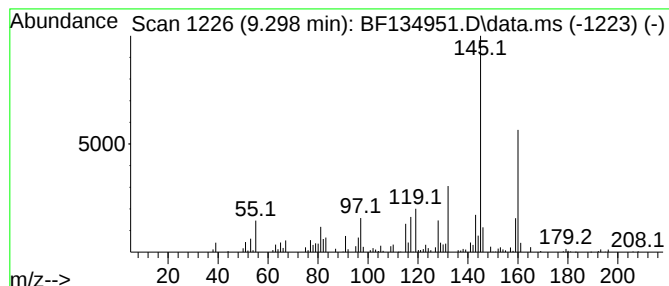
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.298	6.06 ng	173708	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	87
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	83
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	80
4			(5R,10S)-6,10-Dimethyl-2-(prop-1...	202	C15H22	051196-11-3	72
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
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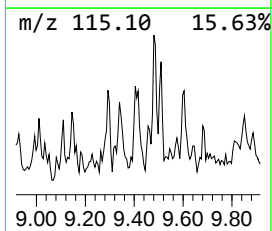
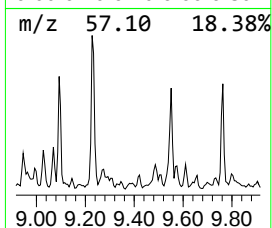
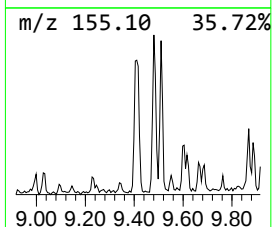
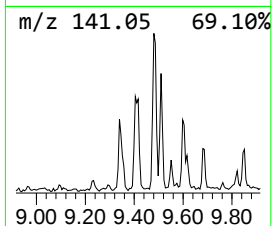
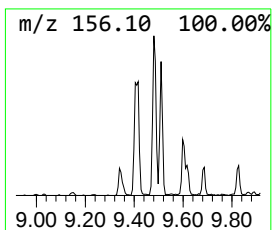
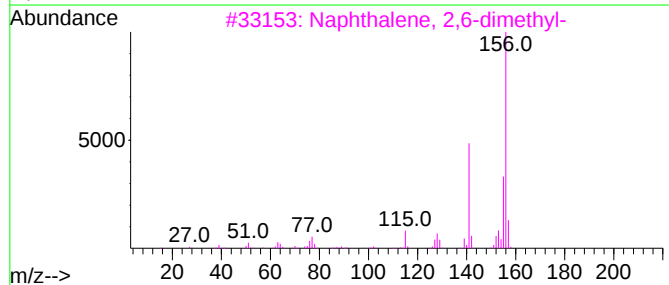
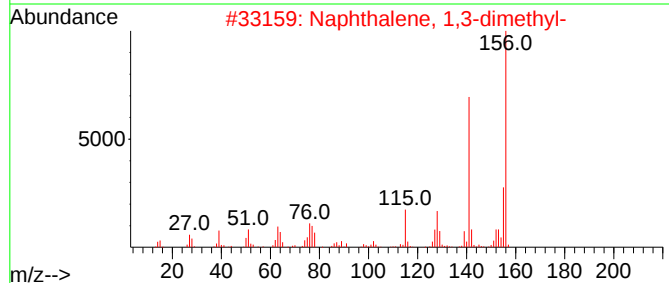
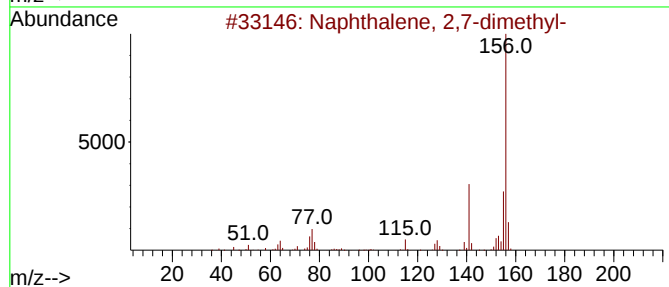
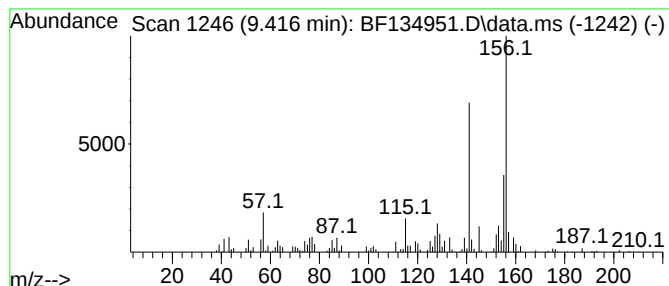
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.416	8.06 ng	231187	Acenaphthene-d10	9.828

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134951.D
Acq On : 25 Aug 2023 20:45
Operator : CG\JU
Sample : 04112-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RBR-22282

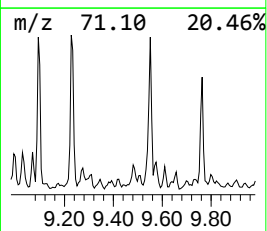
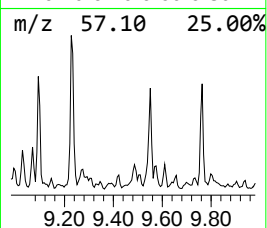
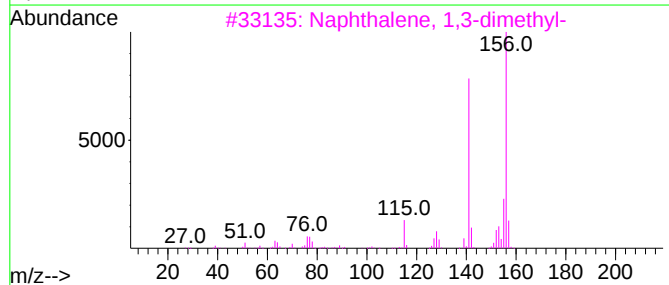
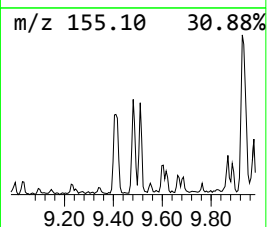
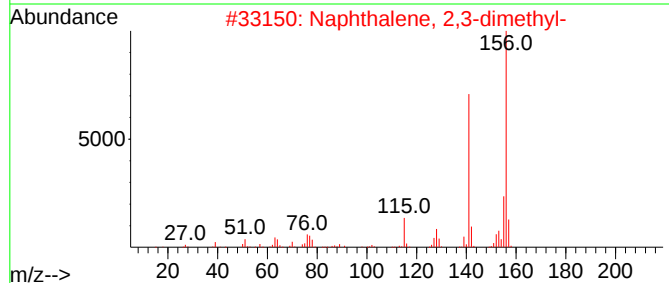
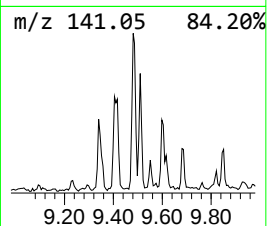
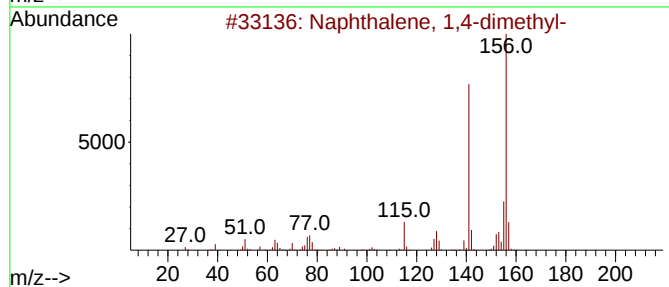
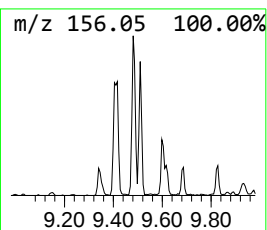
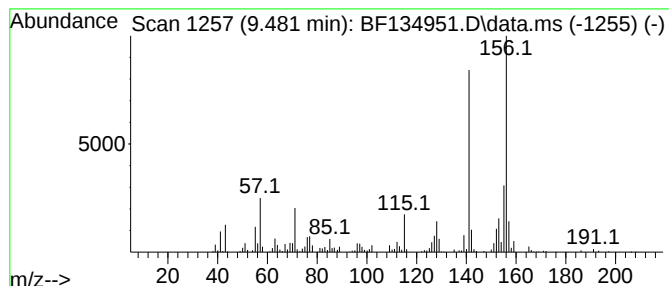
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.481	9.66 ng	277200	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134951.D
Acq On : 25 Aug 2023 20:45
Operator : CG\JU
Sample : 04112-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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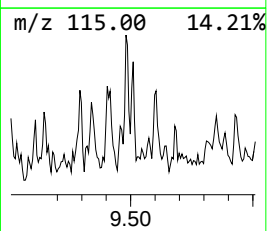
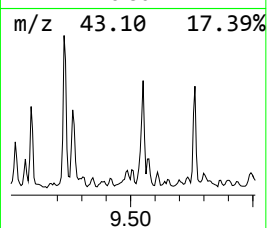
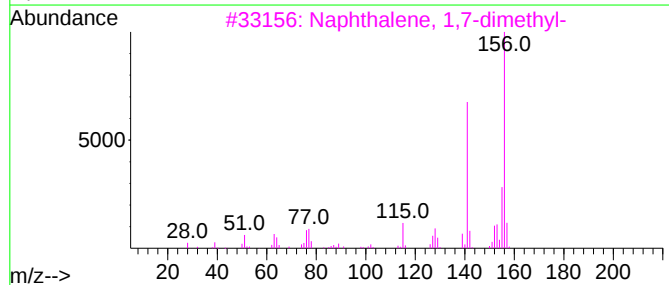
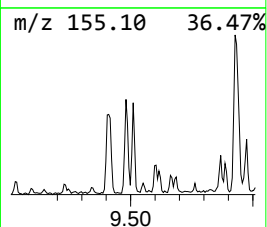
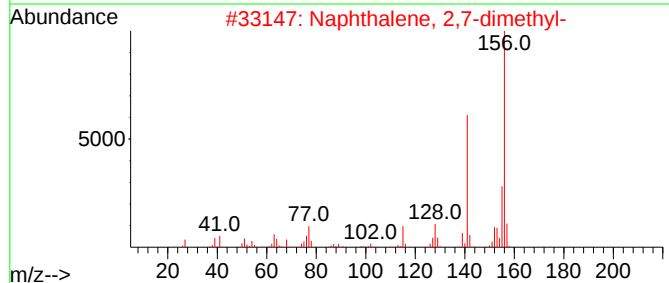
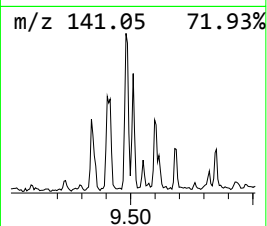
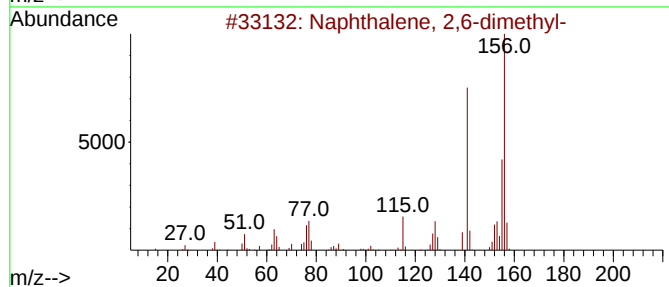
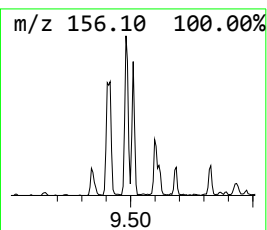
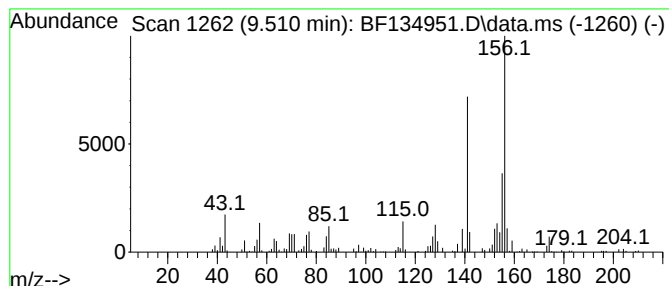
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.510	5.95 ng	170774	Acenaphthene-d10	9.828

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134951.D
Acq On : 25 Aug 2023 20:45
Operator : CG\JU
Sample : 04112-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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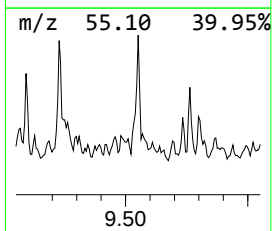
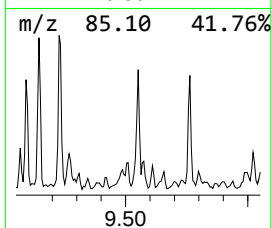
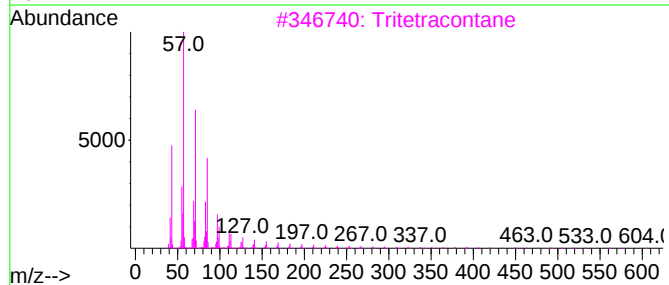
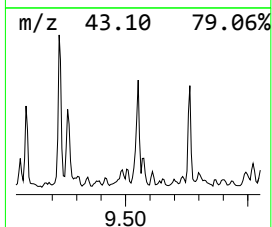
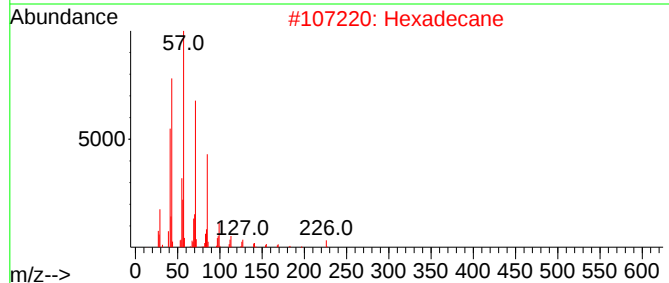
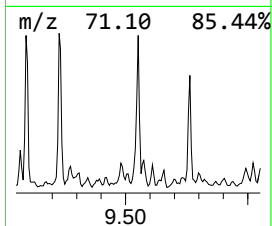
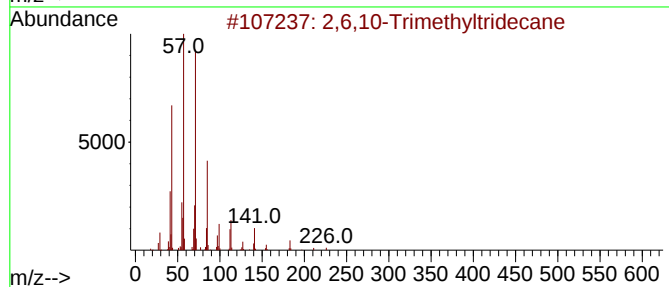
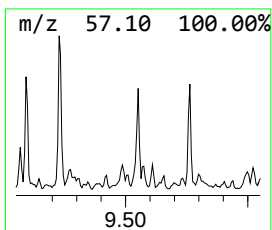
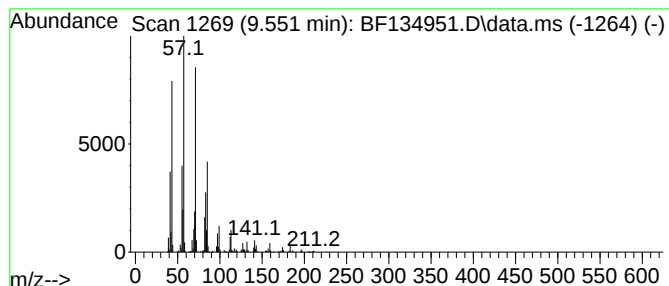
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 2,6,10-Trimethyltridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.551	20.34 ng	583486	Acenaphthene-d10		9.828

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	97	
2	Hexadecane	226	C16H34	000544-76-3	91	
3	Tritetracontane	605	C43H88	007098-21-7	90	
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	90	
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134951.D
Acq On : 25 Aug 2023 20:45
Operator : CG\JU
Sample : 04112-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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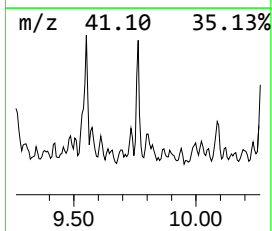
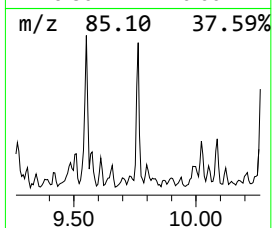
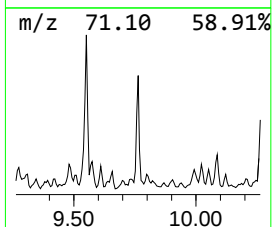
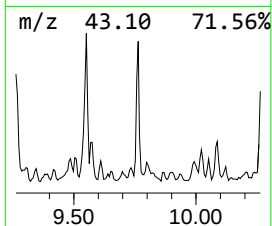
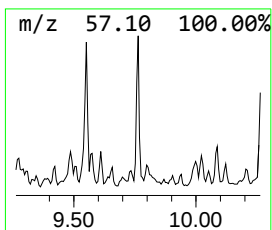
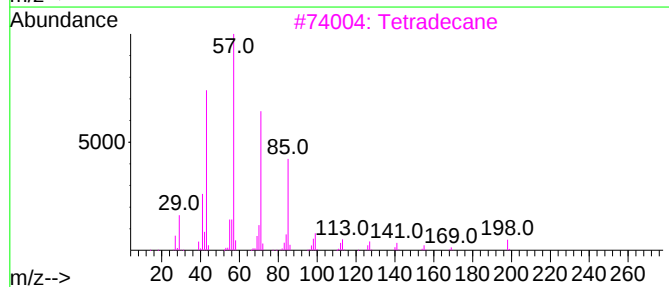
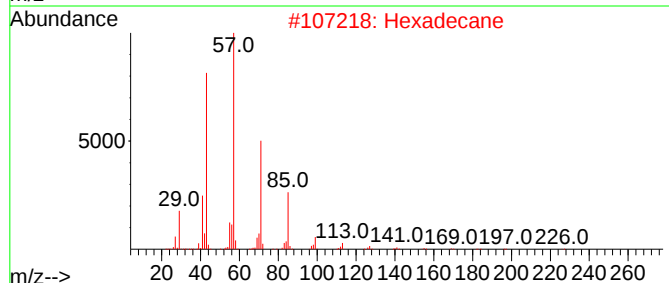
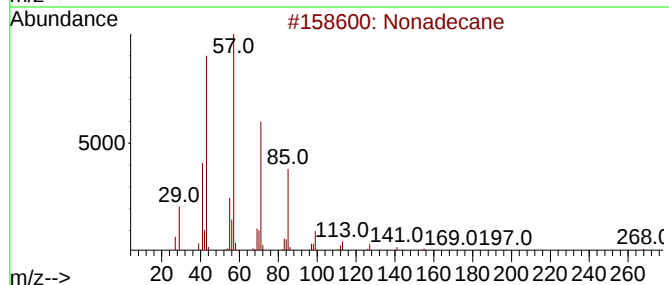
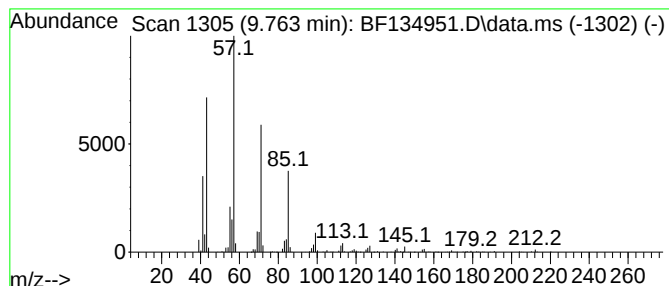
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.763	11.90 ng	341502	Acenaphthene-d10	9.828

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tetradecane	198	C14H30	000629-59-4	86
4		Tridecane	184	C13H28	000629-50-5	86
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134951.D
Acq On : 25 Aug 2023 20:45
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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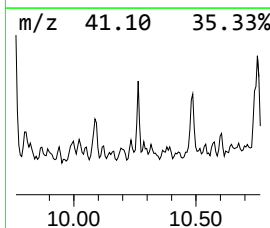
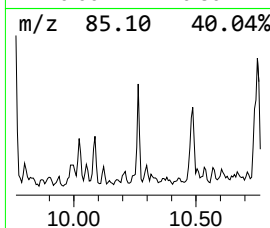
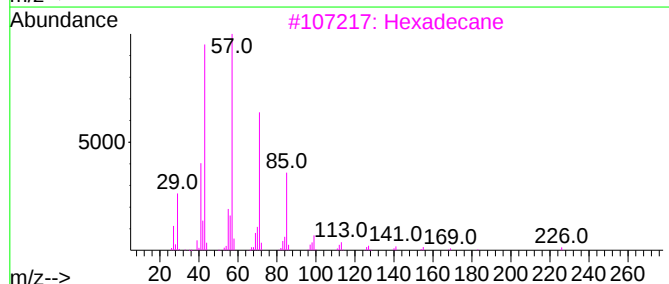
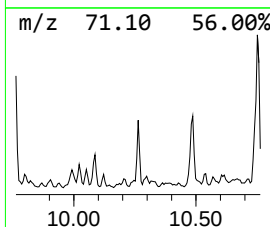
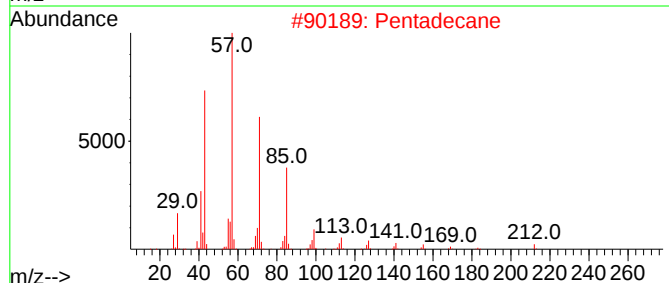
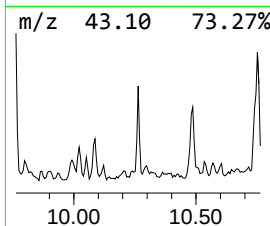
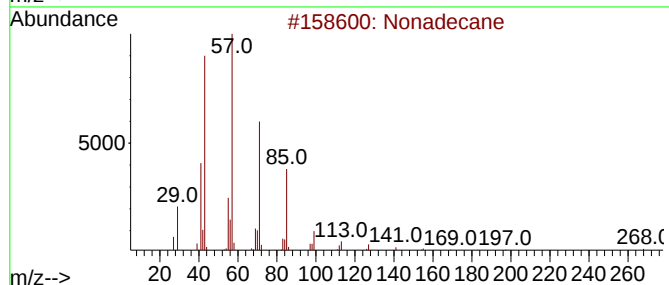
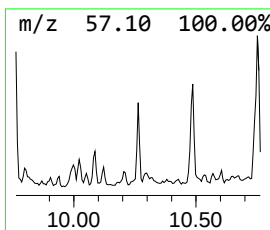
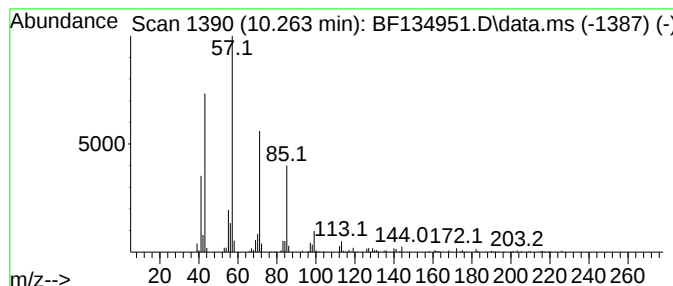
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.263	6.46 ng	185269	Acenaphthene-d10	9.828

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	90
2		Pentadecane	212	C15H32	000629-62-9	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Heptadecane	240	C17H36	000629-78-7	83
5		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134951.D
Acq On : 25 Aug 2023 20:45
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ClientSampleId :
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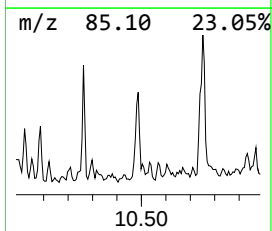
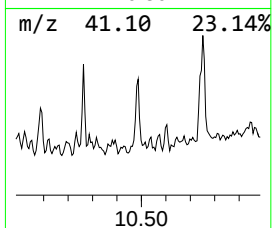
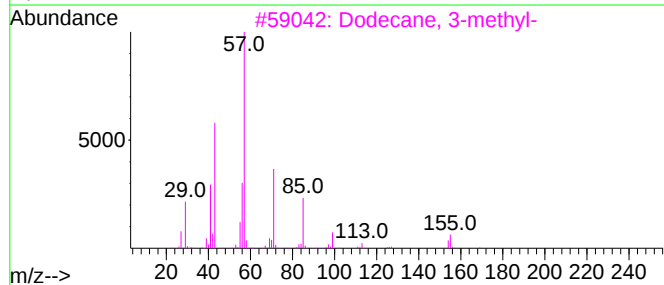
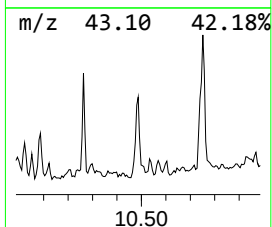
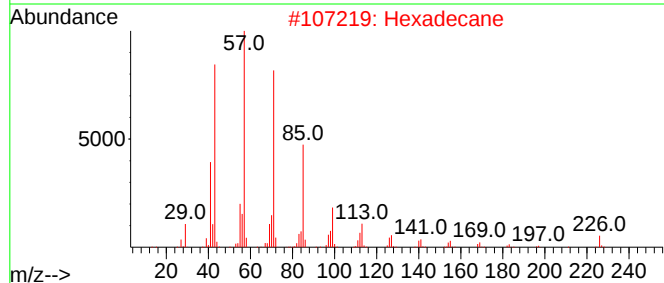
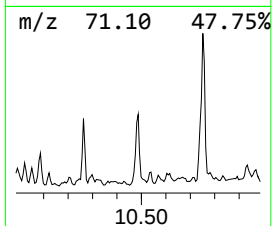
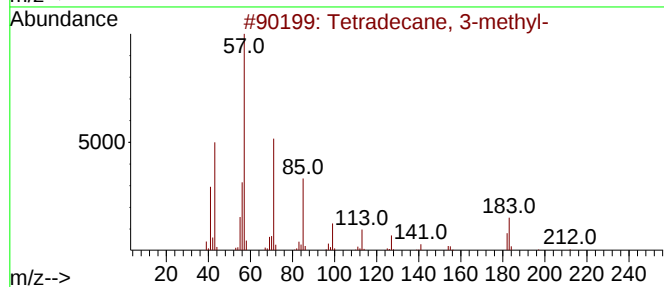
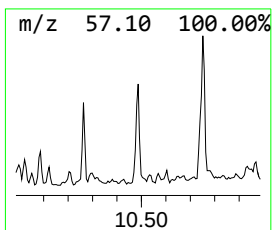
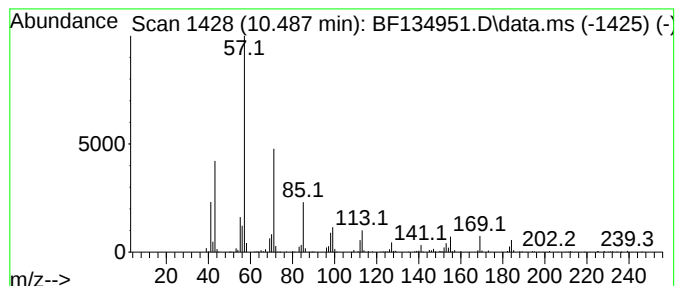
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tetradecane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.486	9.92 ng	284717	Acenaphthene-d10	9.828

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane, 3-methyl-	212	C15H32	018435-22-8	72
2		Hexadecane	226	C16H34	000544-76-3	59
3		Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
4		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	58
5		3,5-Heptanedione, 2,2,4,6-tetram...	184	C11H20O2	1000162-24-5	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134951.D
Acq On : 25 Aug 2023 20:45
Operator : CG\JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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RBR-22282

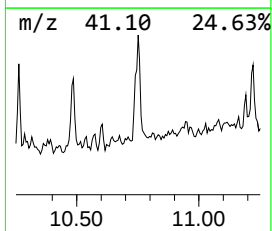
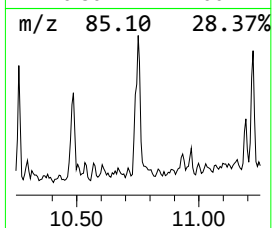
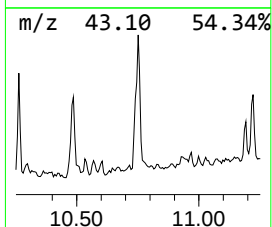
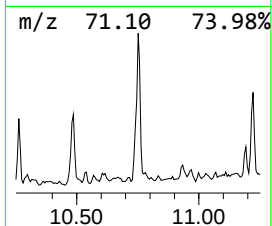
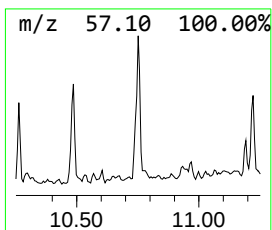
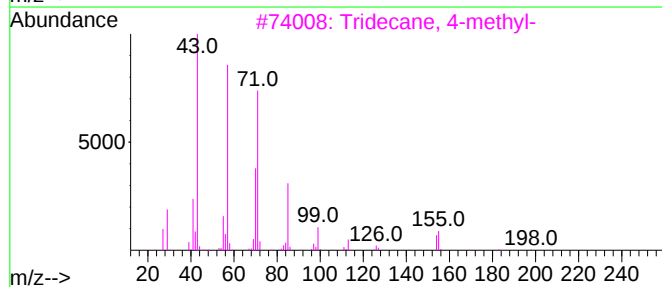
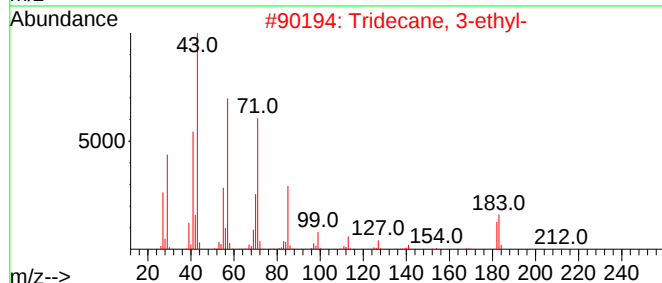
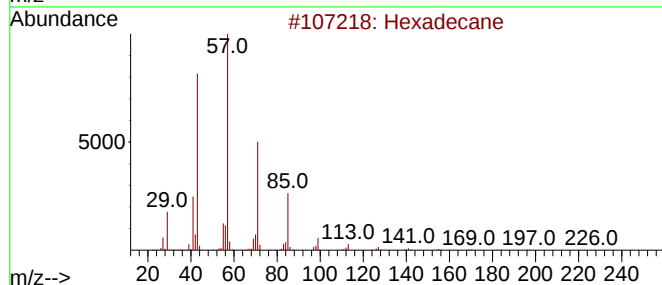
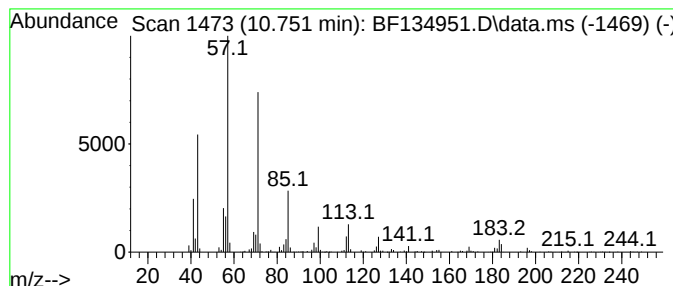
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.751	21.39 ng	633217	Phenanthrene-d10	11.316

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	87
2		Tridecane, 3-ethyl-	212	C15H32	013286-73-2	87
3		Tridecane, 4-methyl-	198	C14H30	026730-12-1	87
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	81
5		Heptacosane	380	C27H56	000593-49-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134951.D
Acq On : 25 Aug 2023 20:45
Operator : CG\JU
Sample : 04112-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

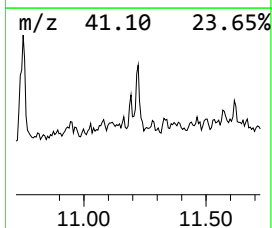
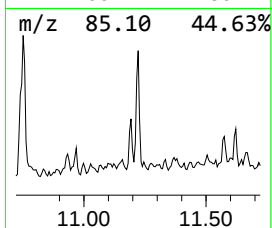
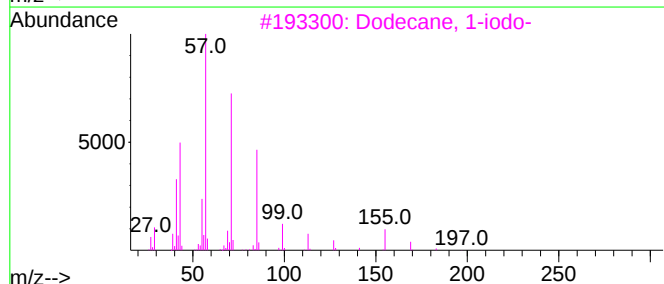
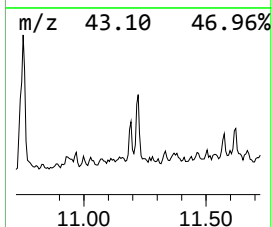
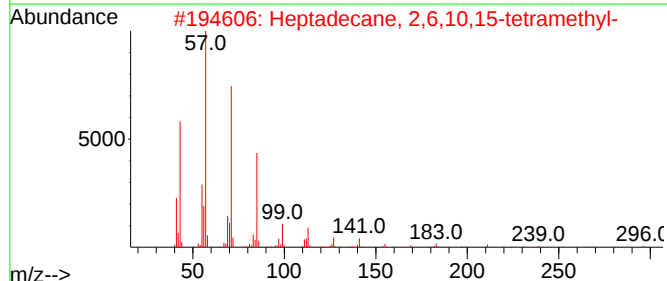
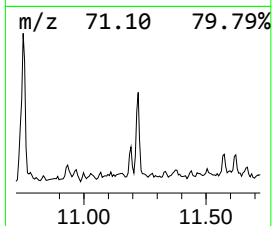
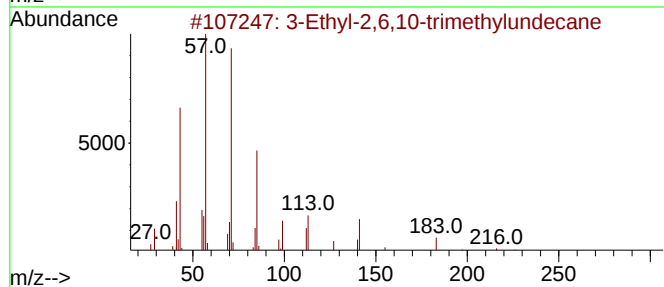
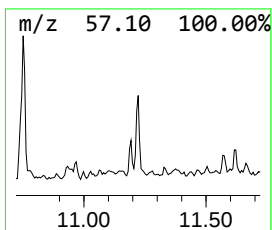
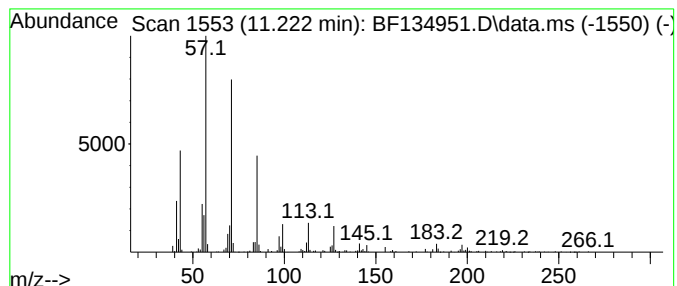
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ClientSampleId :
RBR-22282

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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 3-Ethyl-2,6,10-trimethylund... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.222	10.32 ng	305483	Phenanthrene-d10	11.316	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	87
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	80
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134951.D
Acq On : 25 Aug 2023 20:45
Operator : CG\JU
Sample : 04112-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

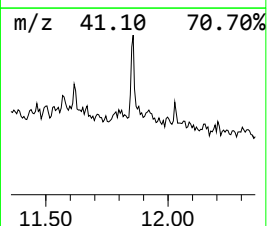
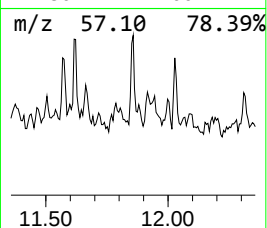
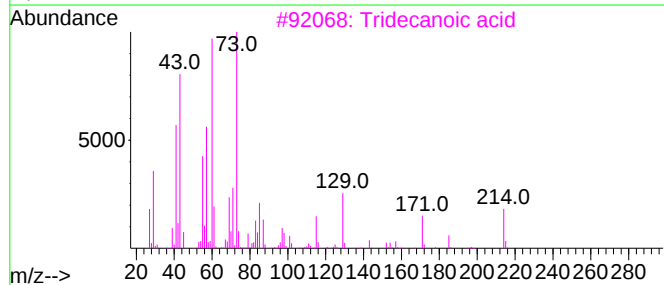
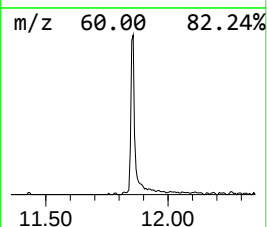
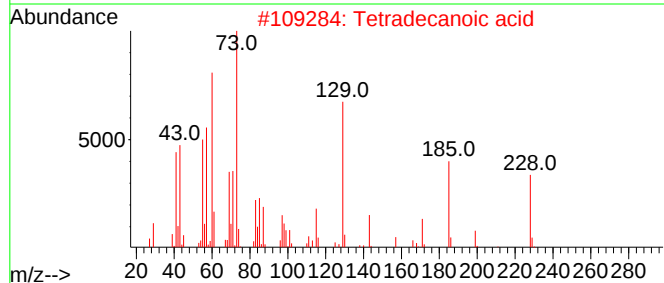
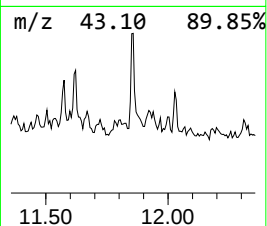
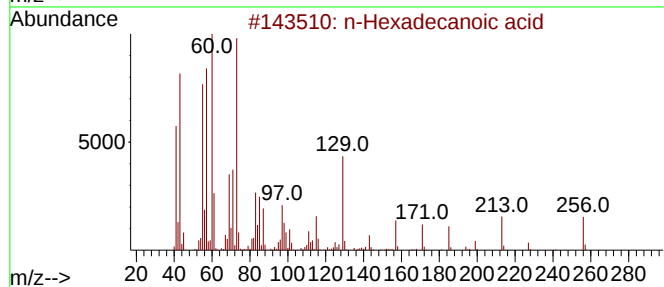
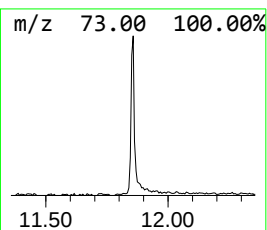
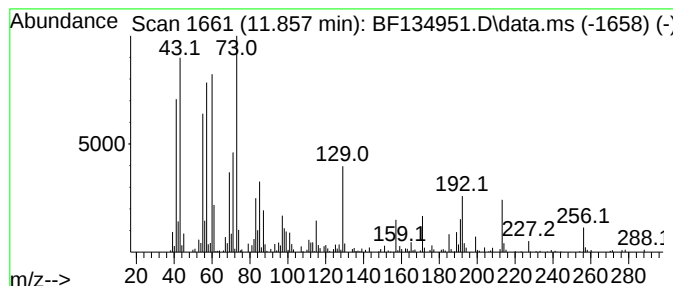
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.857	9.41 ng	278604	Phenanthrene-d10		11.316	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3		Tridecanoic acid	214	C13H26O2	000638-53-9	89
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5		n-Decanoic acid	172	C10H20O2	000334-48-5	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134951.D
Acq On : 25 Aug 2023 20:45
Operator : CG\JU
Sample : 04112-01
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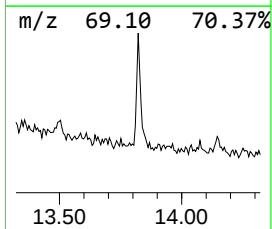
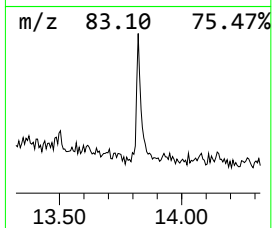
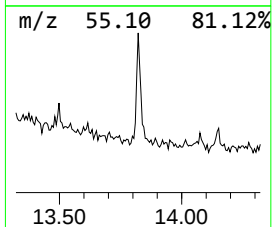
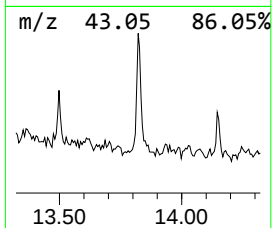
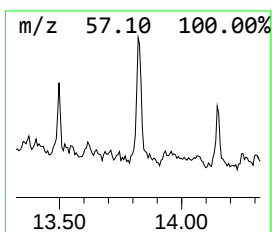
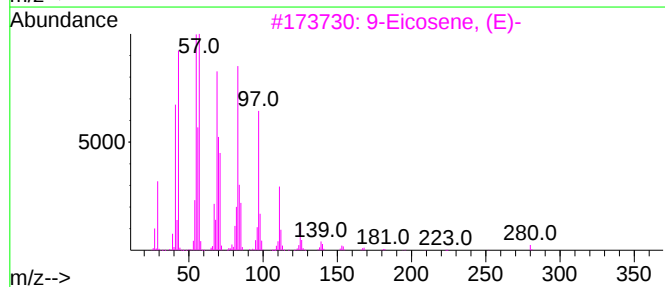
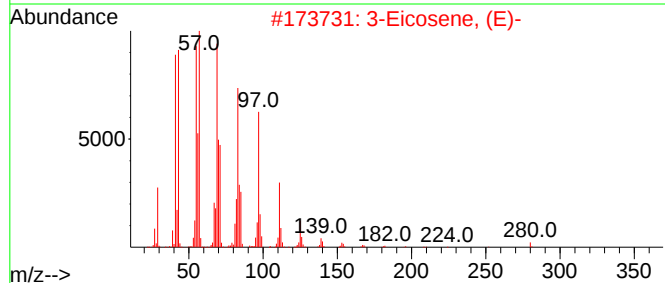
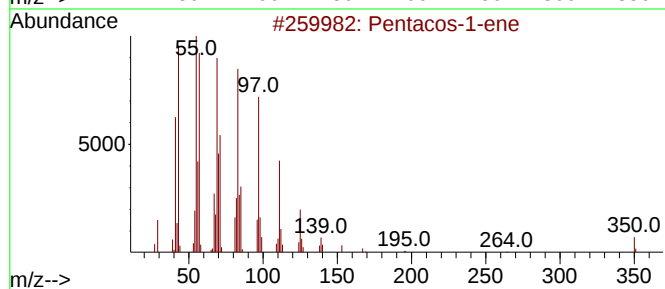
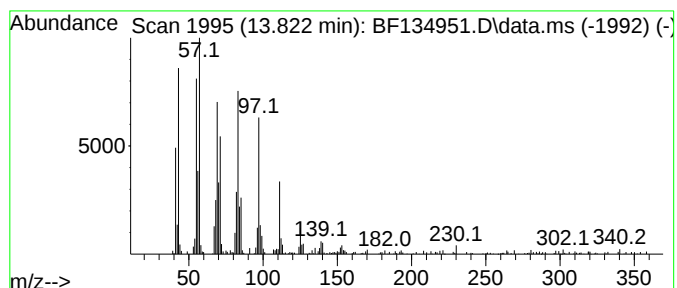
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pentacos-1-ene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.822	12.54 ng	239944	Chrysene-d12	13.969	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacos-1-ene	350	C25H50	016980-85-1	96
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
4	1-Hexacosene	364	C26H52	018835-33-1	91
5	1-Hexacosanol	382	C26H54O	000506-52-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134951.D
Acq On : 25 Aug 2023 20:45
Operator : CG\JU
Sample : 04112-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-22282

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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
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Undecane, 3,6-d...	8.134	7.4	ng	501848	2	8.069	1361100	20.0
Cyclohexane, (4...	8.363	6.3	ng	426964	2	8.069	1361100	20.0
Dodecane, 4,6-d...	8.493	7.9	ng	535489	2	8.069	1361100	20.0
Tridecane	8.663	10.6	ng	721290	2	8.069	1361100	20.0
Dodecane, 2,7,1...	9.092	14.8	ng	423250	3	9.828	573740	20.0
Tetradecane	9.228	24.2	ng	693569	3	9.828	573740	20.0
2,4,7,9-Tetrame...	9.263	10.3	ng	294206	3	9.828	573740	20.0
Naphthalene, 1,...	9.298	6.1	ng	173708	3	9.828	573740	20.0
Naphthalene, 2,...	9.416	8.1	ng	231187	3	9.828	573740	20.0
Naphthalene, 1,...	9.481	9.7	ng	277200	3	9.828	573740	20.0
Naphthalene, 2,...	9.510	6.0	ng	170774	3	9.828	573740	20.0
2,6,10-Trimethy...	9.551	20.3	ng	583486	3	9.828	573740	20.0
Nonadecane	9.763	11.9	ng	341502	3	9.828	573740	20.0
Pentadecane	10.263	6.5	ng	185269	3	9.828	573740	20.0
Tetradecane, 3-...	10.486	9.9	ng	284717	3	9.828	573740	20.0
Hexadecane	10.751	21.4	ng	633217	4	11.316	592068	20.0
3-Ethyl-2,6,10-...	11.222	10.3	ng	305483	4	11.316	592068	20.0
n-Hexadecanoic ...	11.857	9.4	ng	278604	4	11.316	592068	20.0
Pentacos-1-ene	13.822	12.5	ng	239944	5	13.969	382718	20.0