LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
Data File : BF125014.D
Acq On : 9 Aug 2021 22:07
Operator : JU/CG
Sample : M3281-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP03

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-BF080421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125014.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.022	495	499	504	rBV2	63072	83723	6.29%	0.320%
2	5.434	565	569	572	rVB	136690	124088	9.32%	0.474%
3	5.834	632	637	642	rBB4	54033	84349	6.34%	0.322%
4	5.975	657	661	665	rVB3	69777	78618	5.91%	0.300%
5	6.069	671	677	683	rVV2	132887	194248	14.59%	0.742%
6	6.122	683	686	689	rVV	68299	69088	5.19%	0.264%
7	6.257	704	709	712	rBV2	91772	115406	8.67%	0.441%
8	6.357	722	726	728	rBV3	91101	134260	10.09%	0.513%
9	6.451	734	742	744	rBV	155652	191994	14.42%	0.733%
10	6.492	747	749	752	rVV	62294	54261	4.08%	0.207%
11	6.569	757	762	766	rBV5	85087	167207	12.56%	0.639%
12	6.604	766	768	773	rVB3	76138	90274	6.78%	0.345%
13	6.663	773	778	779	rBV3	49939	70102	5.27%	0.268%
14	6.681	779	781	784	rVB2	65567	58451	4.39%	0.223%
15	6.763	788	795	797	rBV7	39961	89999	6.76%	0.344%
16	6.822	802	805	812	rVB5	81510	127567	9.58%	0.487%
17	6.887	812	816	819	rBV2	82692	103655	7.79%	0.396%
18	6.922	819	822	823	rBV3	56008	60722	4.56%	0.232%
19	6.975	828	831	835	rBV	217938	197101	14.81%	0.753%
20	7.010	835	837	839	rVB	88840	70876	5.32%	0.271%
21	7.057	842	845	847	rBV2	75789	75809	5.69%	0.290%
22	7.098	850	852	856	rVB3	128662	141249	10.61%	0.540%
23	7.145	856	860	862	rBV3	56287	63115	4.74%	0.241%
24	7.181	862	866	868	rBV4	56984	66221	4.97%	0.253%
25	7.228	869	874	876	rBV2	206828	224097	16.83%	0.856%
26	7.251	876	878	884	rVB5	78036	109027	8.19%	0.416%
27	7.310	884	888	891	rBV3	38666	61680	4.63%	0.236%
28	7.369	891	898	900	rBV3	323070	503967	37.86%	1.925%
29	7.410	900	905	907	rVB5	106055	166451	12.50%	0.636%
30	7.475	912	916	920	rVB4	278950	444446	33.39%	1.698%
31	7.522	920	924	928	rBV3	111520	197246	14.82%	0.753%
32	7.610	936	939	941	rVB2	168257	130223	9.78%	0.497%
33	7.645	941	945	948	rVB2	259007	293531	22.05%	1.121%
34	7.722	954	958	959	rBV3	155094	198226	14.89%	0.757%
35	7.739	959	961	962	rVV	235205	186259	13.99%	0.711%
36	7.763	962	965	968	rVB3	330076	340789	25.60%	1.302%

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Integrator: RTE
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Start Thrs: 0.2 Max Peaks: 100
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.857	978	981	984	rBV2	190499	232074	17.43%	0.886%
38	7.939	991	995	1000	rBV5	182889	270380	20.31%	1.033%
39	7.986	1000	1003	1008	rBV3	178273	314871	23.65%	1.203%
40	8.063	1013	1016	1017	rBV	154364	140789	10.58%	0.538%
41	8.081	1017	1019	1021	rBV	86695	75672	5.68%	0.289%
42	8.110	1021	1024	1027	rBV3	242037	309708	23.27%	1.183%
43	8.169	1032	1034	1039	rVV3	275721	334462	25.13%	1.277%
44	8.210	1039	1041	1045	rVB4	161400	171745	12.90%	0.656%
45	8.275	1049	1052	1054	rBV4	105151	126307	9.49%	0.482%
46	8.322	1057	1060	1064	rVB2	255022	324971	24.41%	1.241%
47	8.416	1070	1076	1080	rVB5	343296	585201	43.96%	2.235%
48	8.451	1080	1082	1083	rBV2	77946	60369	4.54%	0.231%
49	8.510	1089	1092	1095	rVB2	230098	246708	18.53%	0.942%
50	8.563	1095	1101	1104	rBV	842075	1111989	83.54%	4.247%
51	8.639	1109	1114	1116	rBV2	408443	484061	36.36%	1.849%
52	8.722	1126	1128	1133	rBV4	98312	139552	10.48%	0.533%
53	8.769	1133	1136	1137	rVV2	128258	113222	8.51%	0.432%
54	8.792	1137	1140	1142	rVB4	170178	164924	12.39%	0.630%
55	8.845	1147	1149	1151	rVB2	96493	58977	4.43%	0.225%
56	8.880	1152	1155	1157	rVB3	129269	118278	8.89%	0.452%
57	8.904	1157	1159	1160	rBV2	141844	122161	9.18%	0.467%
58	8.957	1166	1168	1170	rVB	268924	227053	17.06%	0.867%
59	9.016	1175	1178	1179	rBV3	112657	115296	8.66%	0.440%
60	9.039	1179	1182	1185	rVB3	304986	346074	26.00%	1.322%
61	9.069	1185	1187	1190	rBV2	110349	131722	9.90%	0.503%
62	9.098	1190	1192	1195	rVB2	122017	95878	7.20%	0.366%
63	9.163	1198	1203	1206	rVV	786060	928754	69.77%	3.547%
64	9.198	1207	1209	1212	rVB2	132382	118849	8.93%	0.454%
65	9.286	1221	1224	1228	rBV4	264509	325114	24.42%	1.242%
66	9.363	1234	1237	1241	rVV5	135485	170143	12.78%	0.650%
67	9.410	1243	1245	1249	rVB2	238994	247506	18.59%	0.945%
68	9.486	1251	1258	1261	rBV2	544417	875276	65.75%	3.343%
69	9.569	1267	1272	1276	rVB2	410704	681762	51.22%	2.604%
70	9.616	1276	1280	1283	rVB2	760271	944159	70.93%	3.606%
71	9.639	1283	1284	1287	rBV3	88801	72286	5.43%	0.276%
72	9.675	1287	1290	1292	rBV2	286753	302256	22.71%	1.154%
73	9.757	1301	1304	1307	rBV2	299279	315635	23.71%	1.206%
74	9.804	1309	1312	1315	rVB2	258294	257417	19.34%	0.983%
75	9.875	1320	1324	1328	rBV6	187339	316416	23.77%	1.209%
76	9.928	1328	1333	1335	rBV3	193599	269567	20.25%	1.030%

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77	9.998	1341	1345	1349	rVB3	368549	507794	38.15%	1.940%
78	10.039	1349	1352	1356	rBV4	165661	225251	16.92%	0.860%
79	10.098	1357	1362	1365	rVB3	382900	572709	43.02%	2.187%
80	10.145	1366	1370	1377	rVB3	558456	784923	58.97%	2.998%
81	10.216	1378	1382	1384	rBV	347075	467118	35.09%	1.784%
82	10.245	1384	1387	1392	rVB3	317796	385248	28.94%	1.471%
83	10.304	1392	1397	1399	rBV4	324918	454781	34.16%	1.737%
84	10.433	1416	1419	1422	rBV3	190192	246388	18.51%	0.941%
85	10.539	1433	1437	1442	rVB2	495808	705686	53.01%	2.695%
86	10.586	1442	1445	1450	rVB5	169985	281762	21.17%	1.076%
87	10.675	1458	1460	1464	rBV3	94126	107953	8.11%	0.412%
88	10.816	1478	1484	1489	rVB2	915563	1331163	100.00%	5.084%
89	10.874	1491	1494	1497	rVV3	108085	137623	10.34%	0.526%
90	11.016	1515	1518	1521	rVB4	201022	241851	18.17%	0.924%
91	11.269	1556	1561	1566	rVB	601159	796417	59.83%	3.042%
92	11.369	1576	1578	1580	rBV	105561	108349	8.14%	0.414%
93	11.398	1581	1583	1586	rVB	130642	111642	8.39%	0.426%
94	11.610	1616	1619	1629	rVB5	247159	386927	29.07%	1.478%
95	11.874	1661	1664	1666	rBV	132087	141641	10.64%	0.541%
96	11.904	1666	1669	1672	rVB	190104	194296	14.60%	0.742%
97	12.421	1754	1757	1760	rBV	117755	125470	9.43%	0.479%
98	12.539	1774	1777	1781	rVB3	51893	59471	4.47%	0.227%
99	12.816	1819	1824	1827	rVV2	41933	69459	5.22%	0.265%
100	12.933	1841	1844	1847	rVB	140021	121564	9.13%	0.464%

Sum of corrected areas: 26181395

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Instrument :
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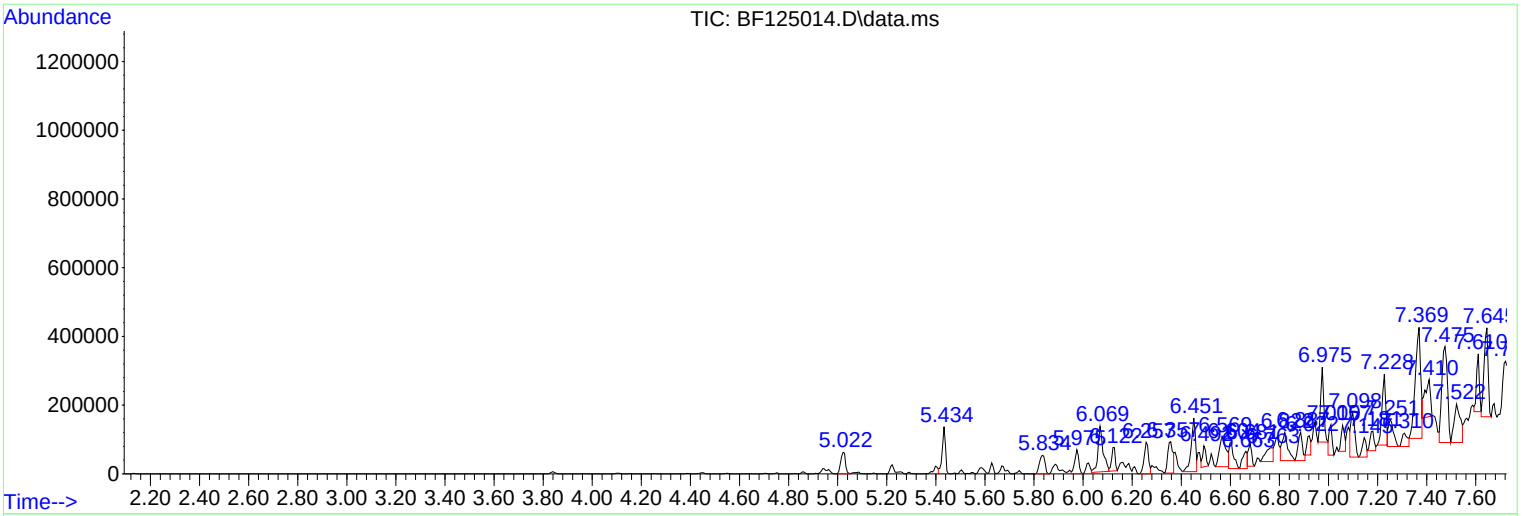
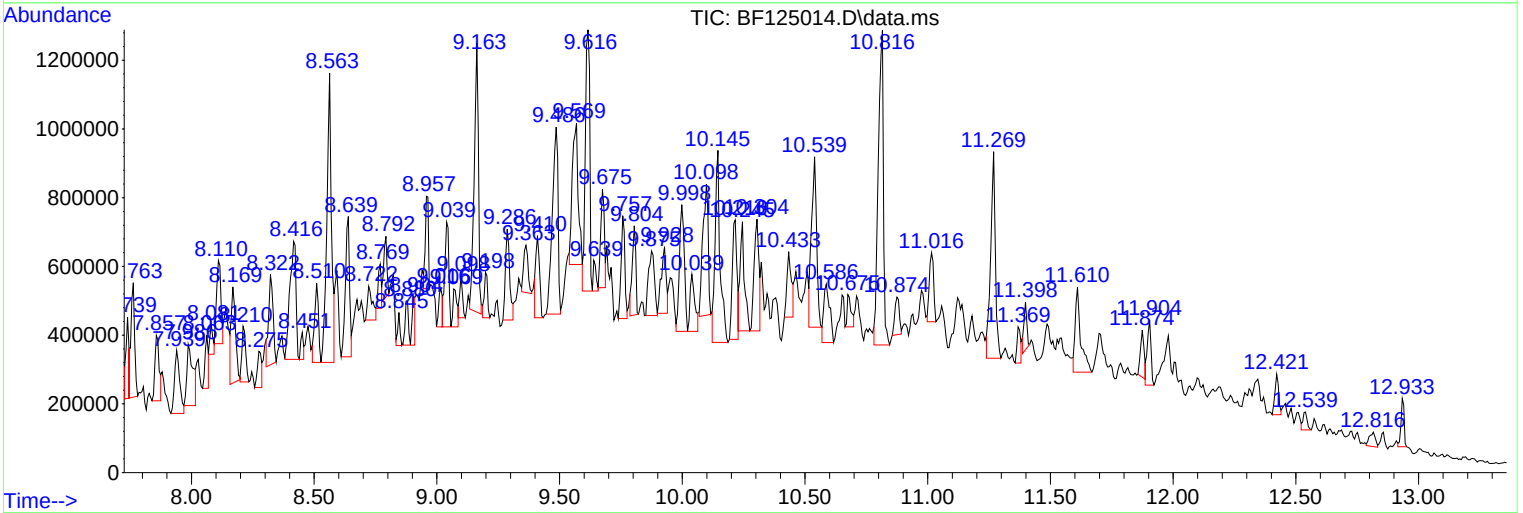
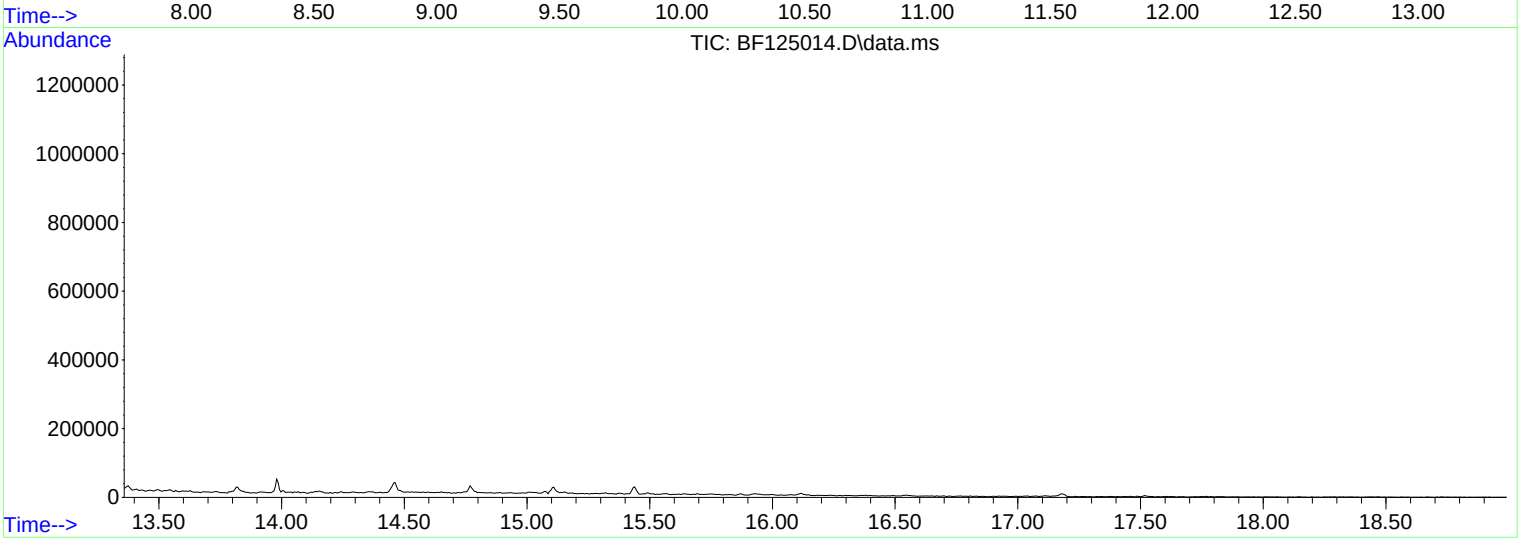
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Instrument :
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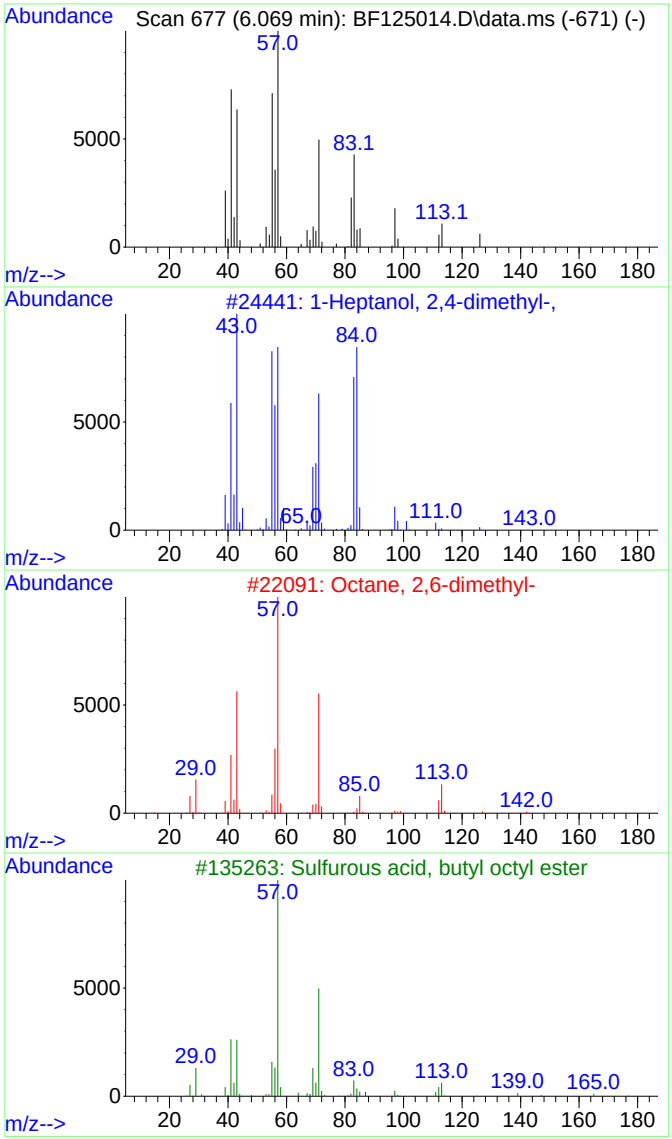
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

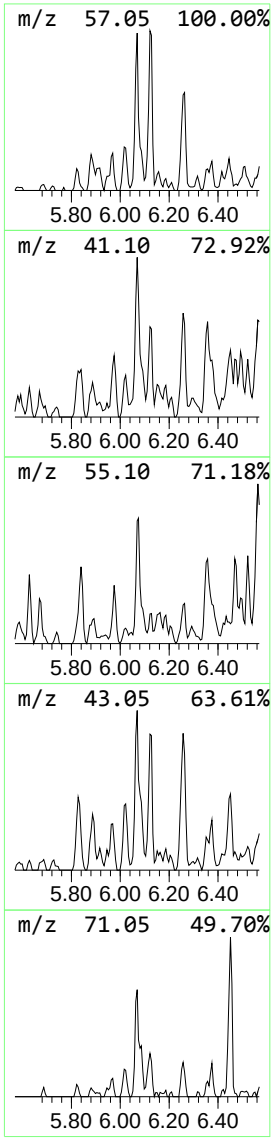
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Heptanol, 2,4-dimethyl-, Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.069	30.45 ng	194248	1,4-Dichlorobenzene-d4	6.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptanol, 2,4-dimethyl-	144	C9H20O	098982-97-9	50
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43
3	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	38
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	38
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	38





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Instrument : BNA_F
ClientSampleId : TWP03

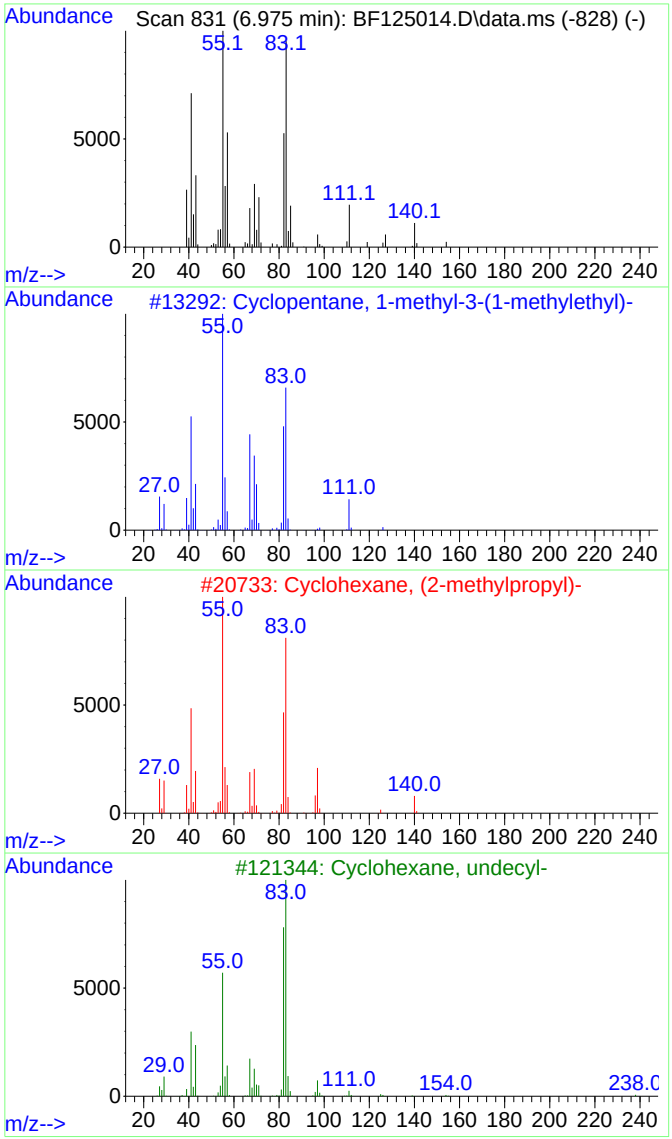
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

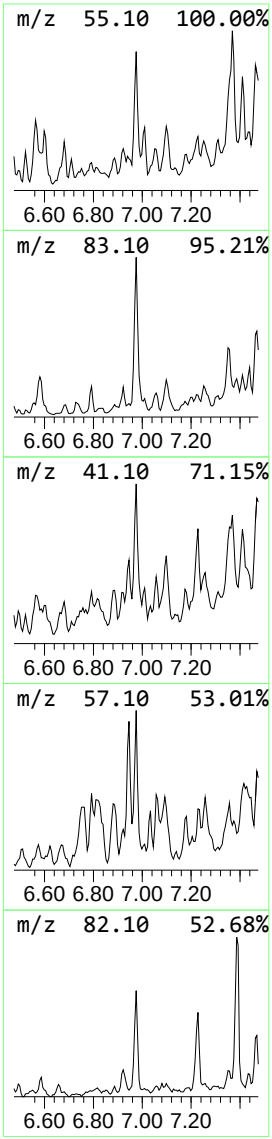
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclopentane, 1-methyl-3-(1... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.975	30.90 ng	197101	1,4-Dichlorobenzene-d4	6.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	64
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	53
3	Cyclohexane, undecyl-	238	C17H34	054105-66-7	50
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	49
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	47





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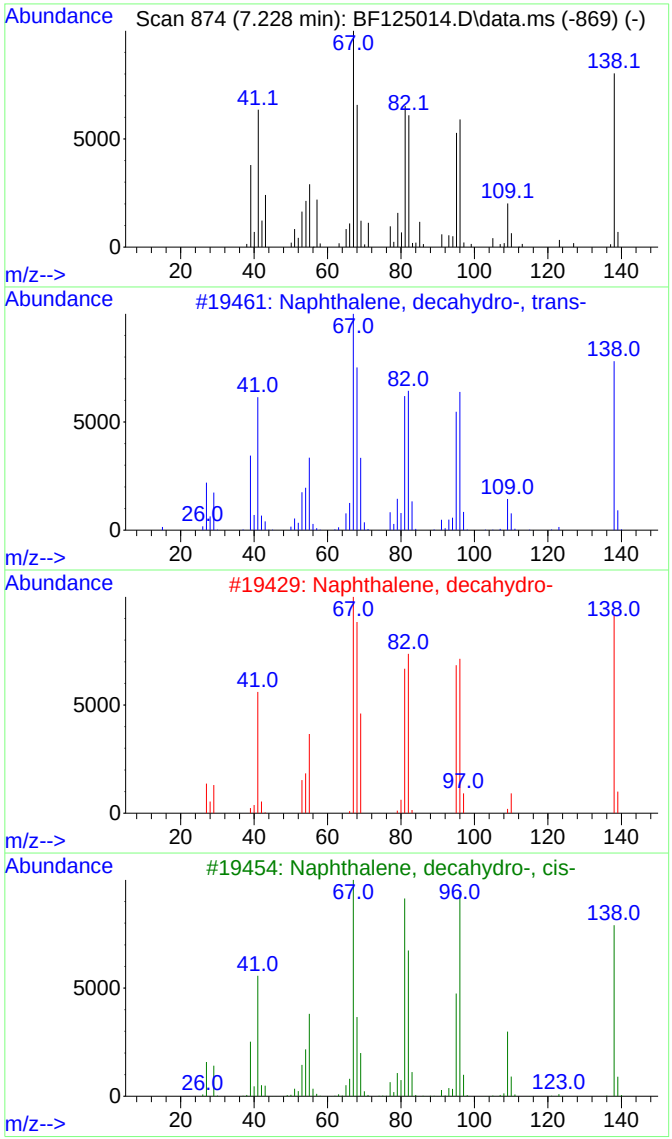
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

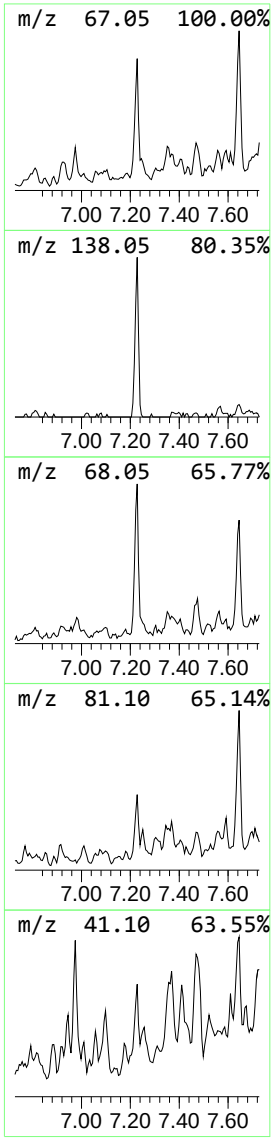
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, decahydro-, tr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.228	35.13 ng	224097	1,4-Dichlorobenzene-d4	6.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	91
3	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	87
4	Spiro[4.4]nonan-2-one	138	C9H14O	034177-18-9	74
5	5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	72





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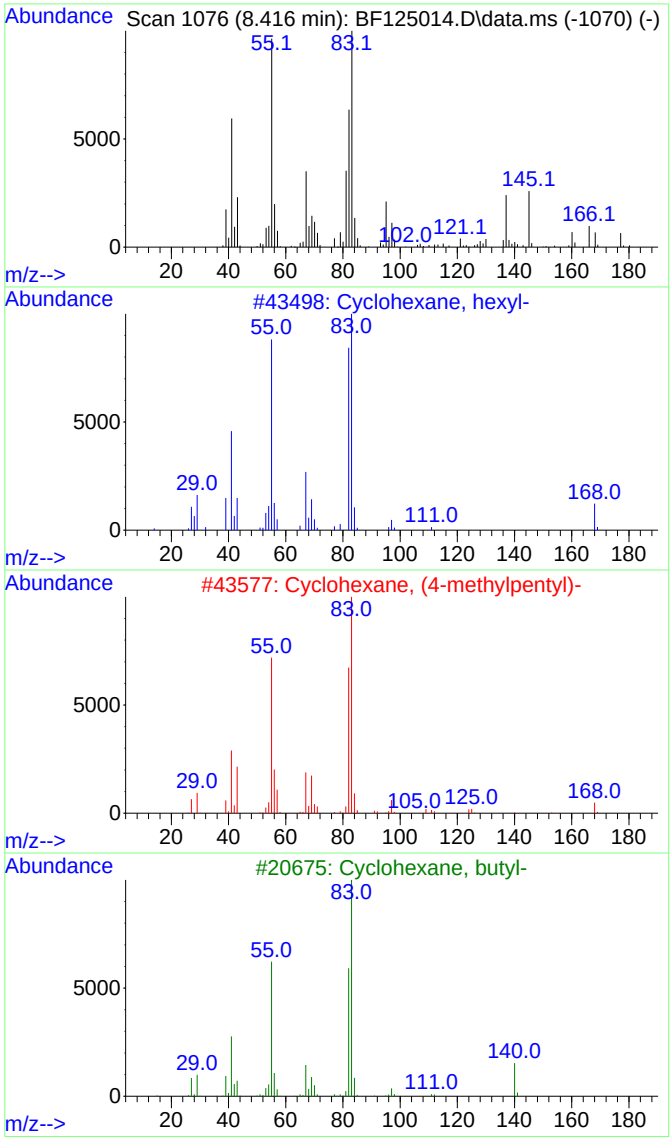
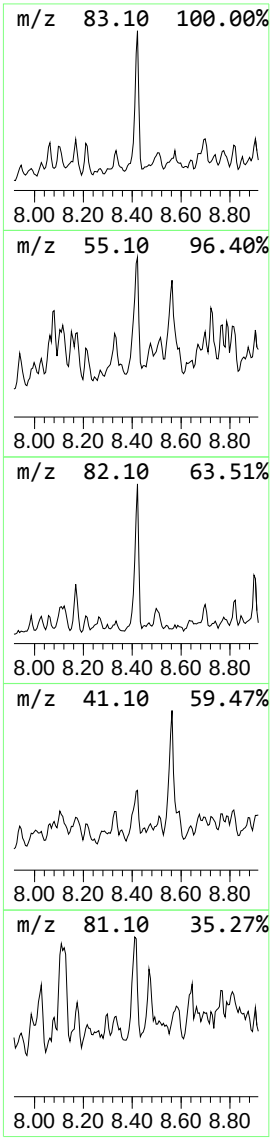
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexane, hexyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.416	37.79 ng	585201	Naphthalene-d8	8.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	52
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	52
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	52
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	50
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	50





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TIC Library : C:\Database\NIST20.L
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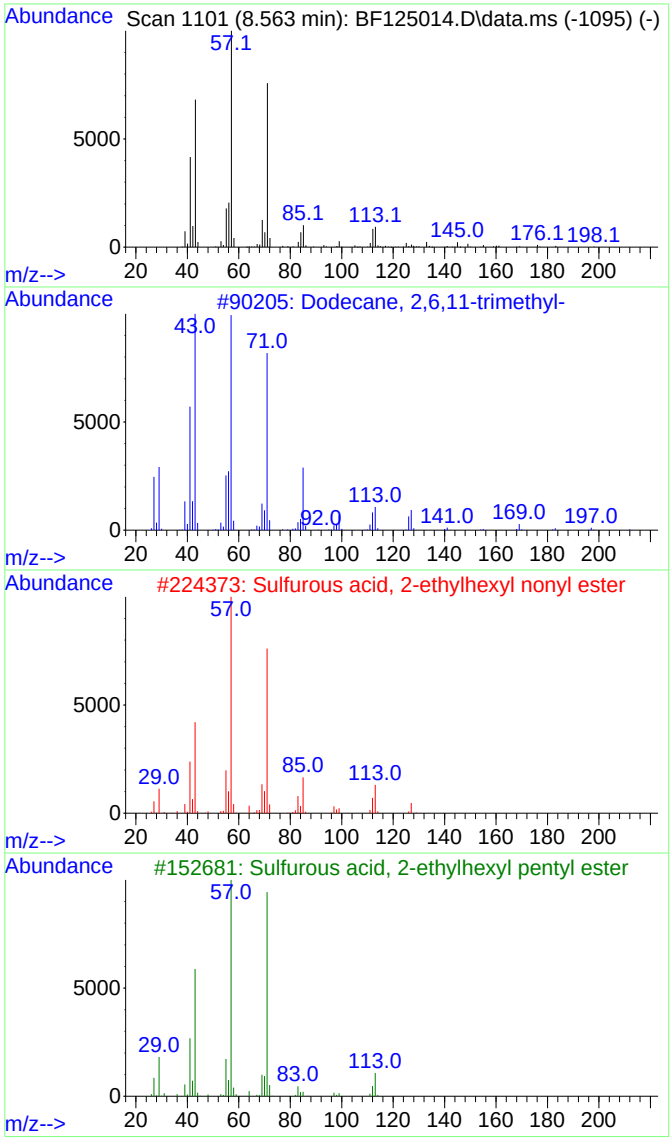
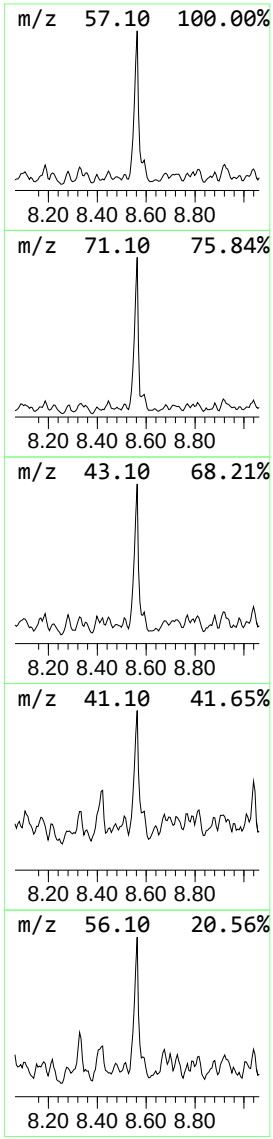
****
Peak Number 5 Dodecane, 2,6,11-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.563	71.81 ng	1111990	Naphthalene-d8	8.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
2	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	78
3	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	72
4	Octane, 2-bromo-	192	C8H17Br	000557-35-7	64
5	Threitol, 2-O-octyl-	234	C12H26O4	163776-14-5	64





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Operator : JU/CG
Sample : M3281-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP03

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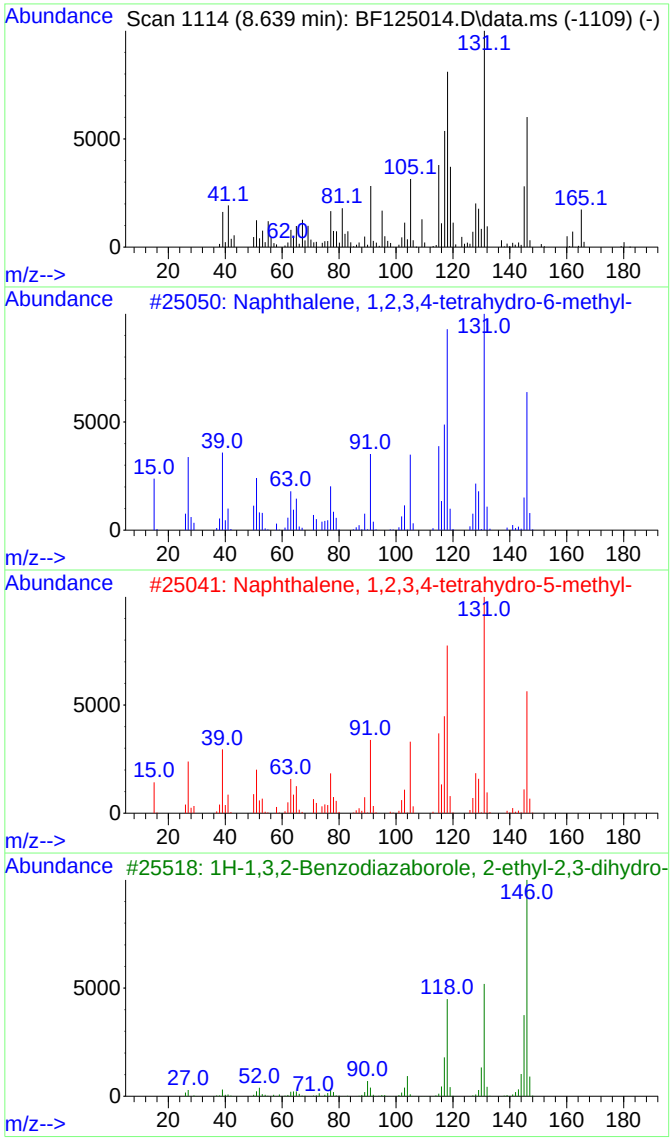
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

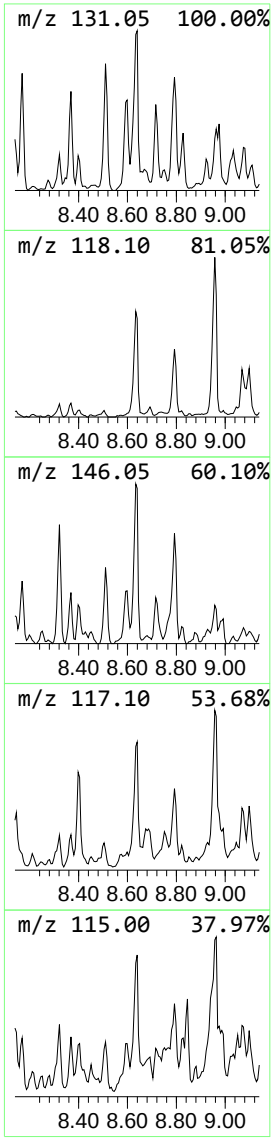
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.639	31.26 ng	484061	Naphthalene-d8	8.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	76
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	74
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	50





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Sample : M3281-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP03

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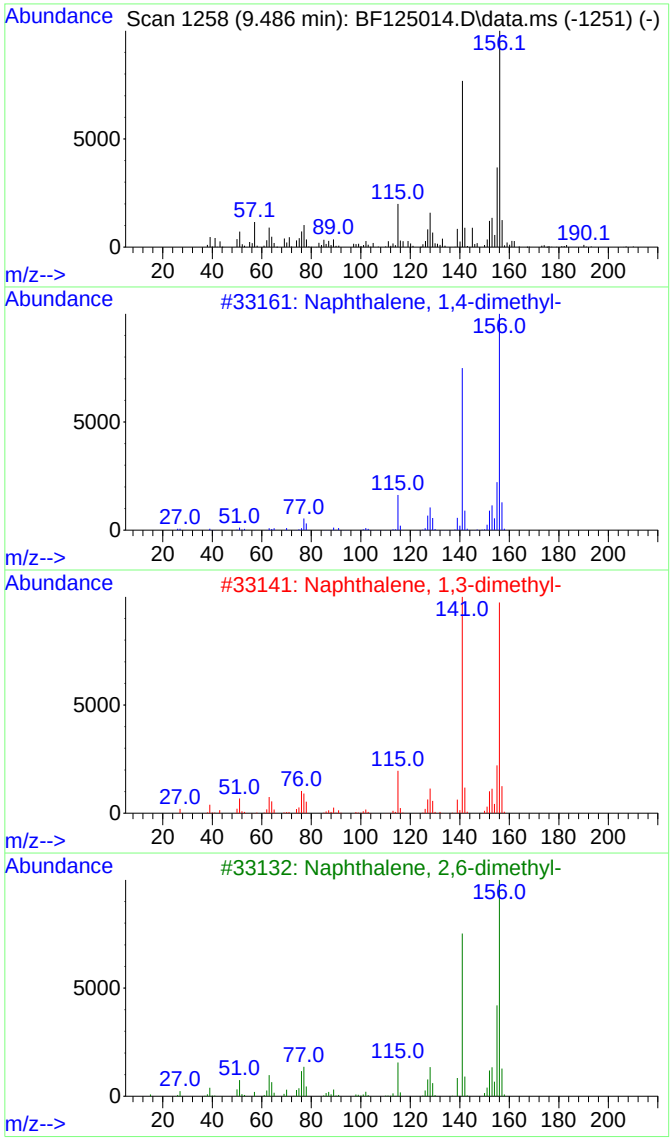
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

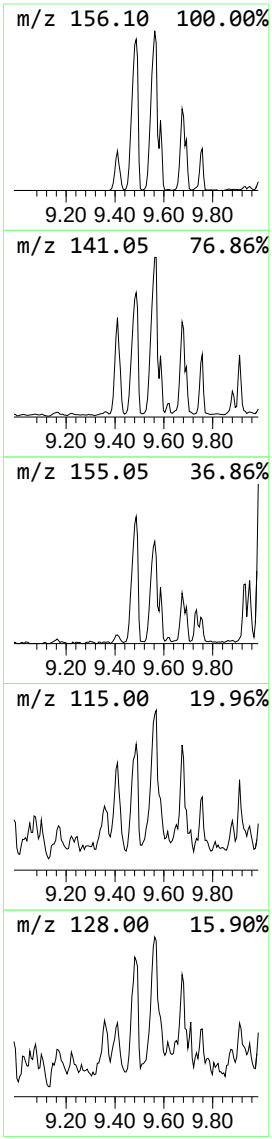
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.486	55.32 ng	875276	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP03

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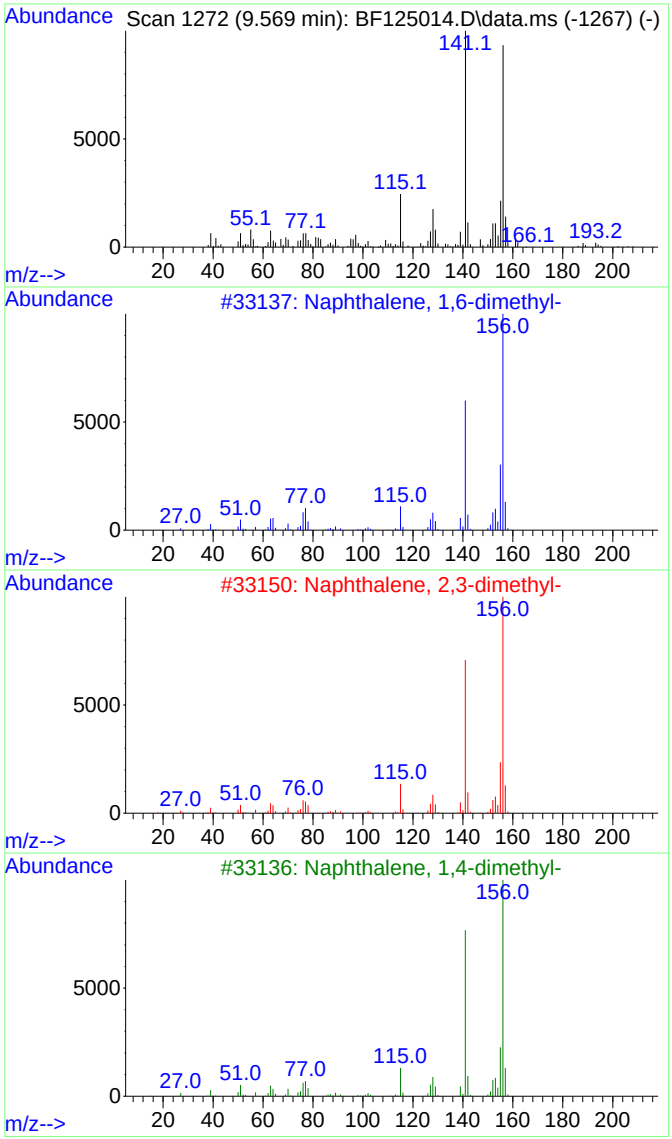
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

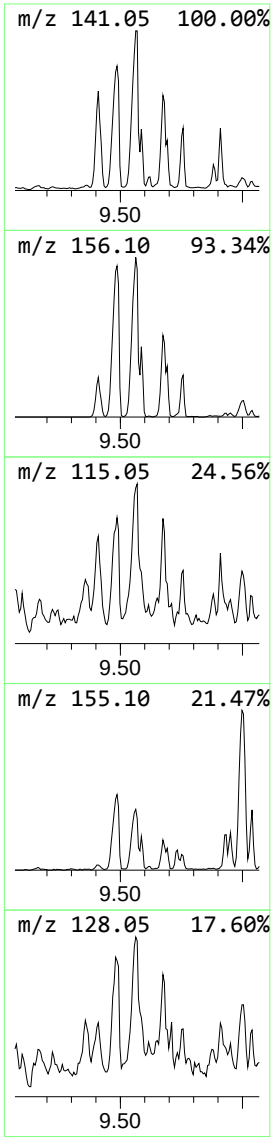
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.569	43.09 ng	681762	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





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Sample : M3281-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

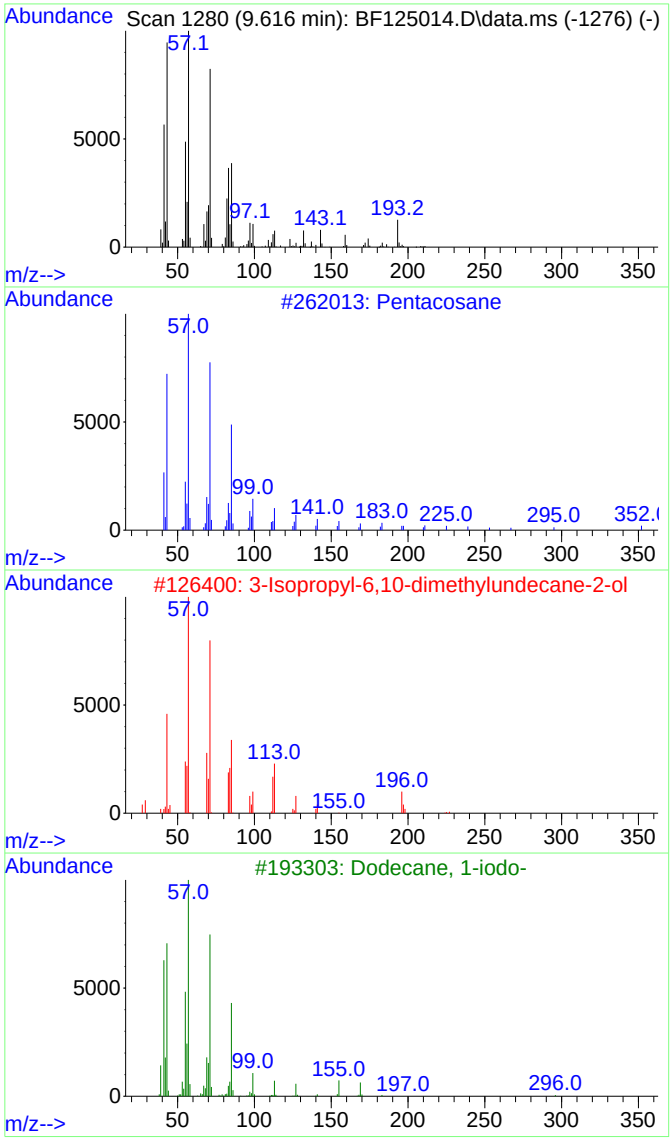
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

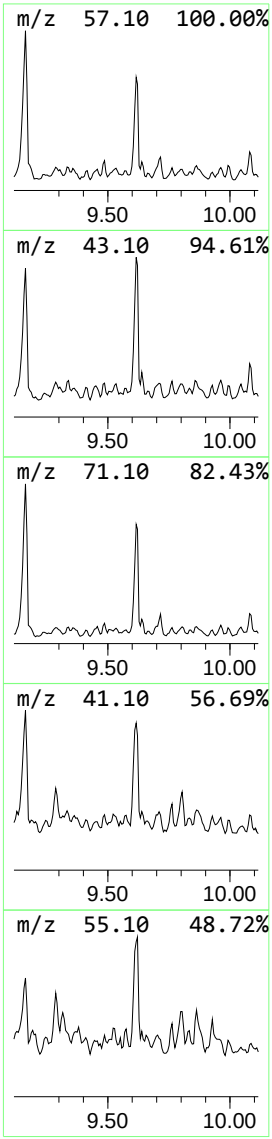
****

Peak Number 9 Pentacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.616	59.68 ng	944159	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	72
2	3-Isopropyl-6,10-dimethylundecan...	242	C16H34O	1000432-47-1	64
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	62
5	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	59





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Instrument : BNA_F
ClientSampleId : TWP03

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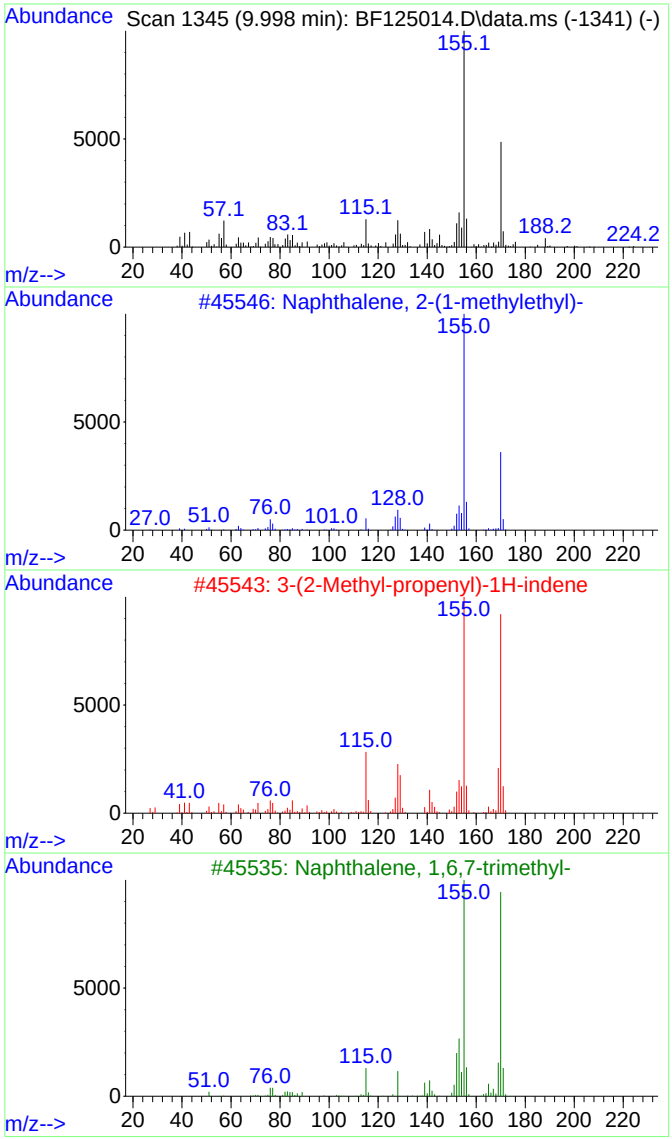
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

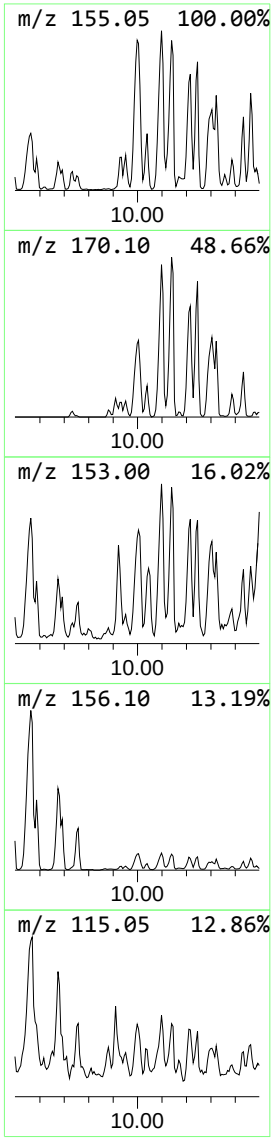
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 2-(1-methyleth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.998	32.10 ng	507794	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	94
2	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	89
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	80
4	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	74
5	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	72





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Sample : M3281-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP03

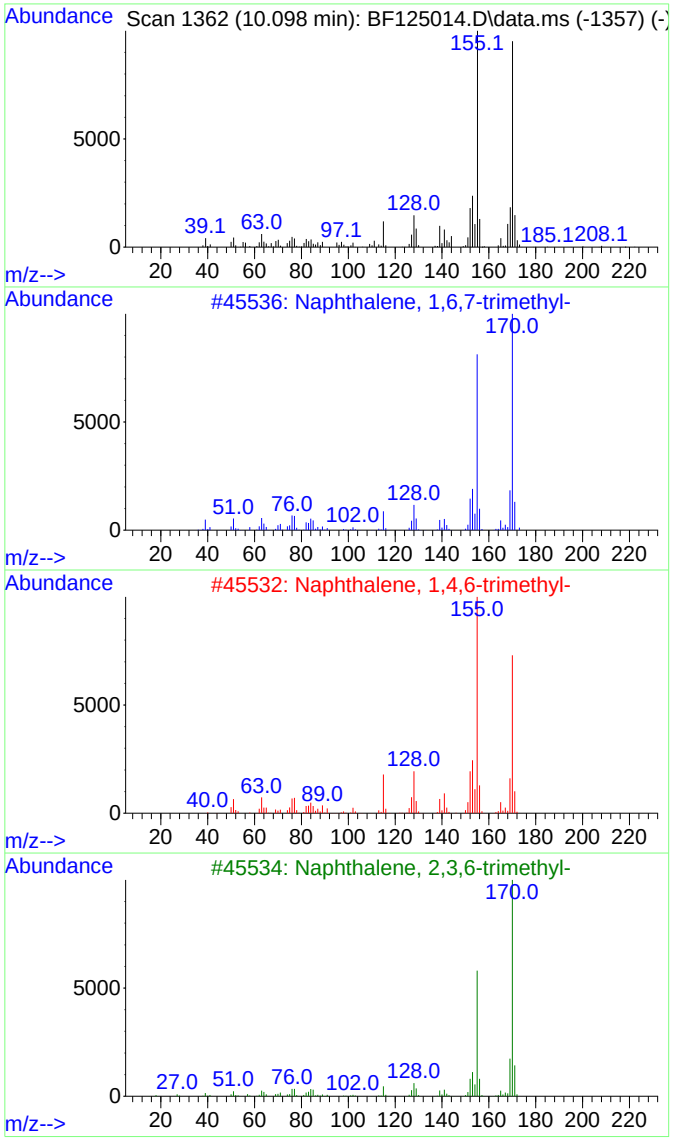
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

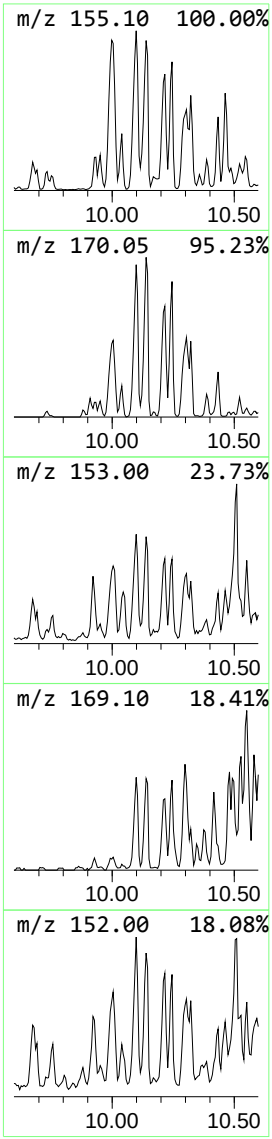
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.098	36.20 ng	572709	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90





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Operator : JU/CG
Sample : M3281-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP03

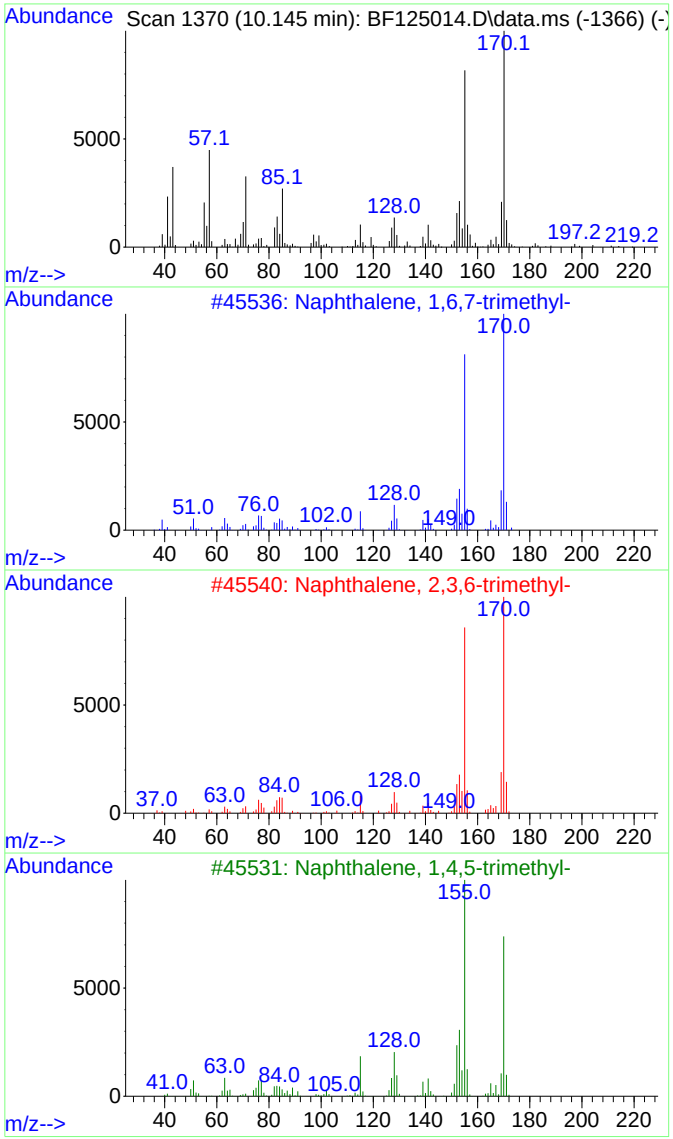
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

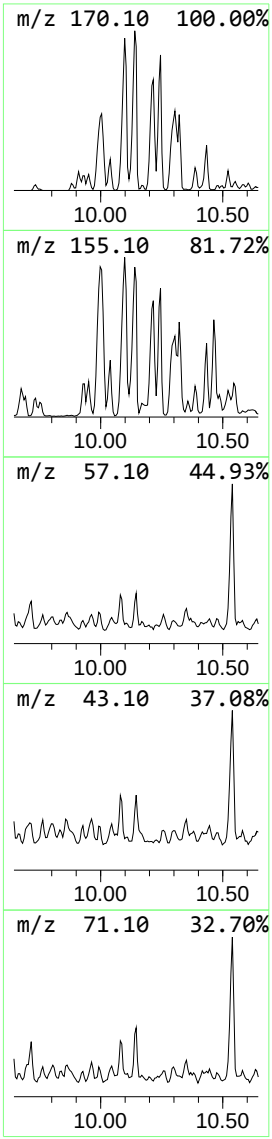
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.145	49.61 ng	784923	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	93





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Sample : M3281-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP03

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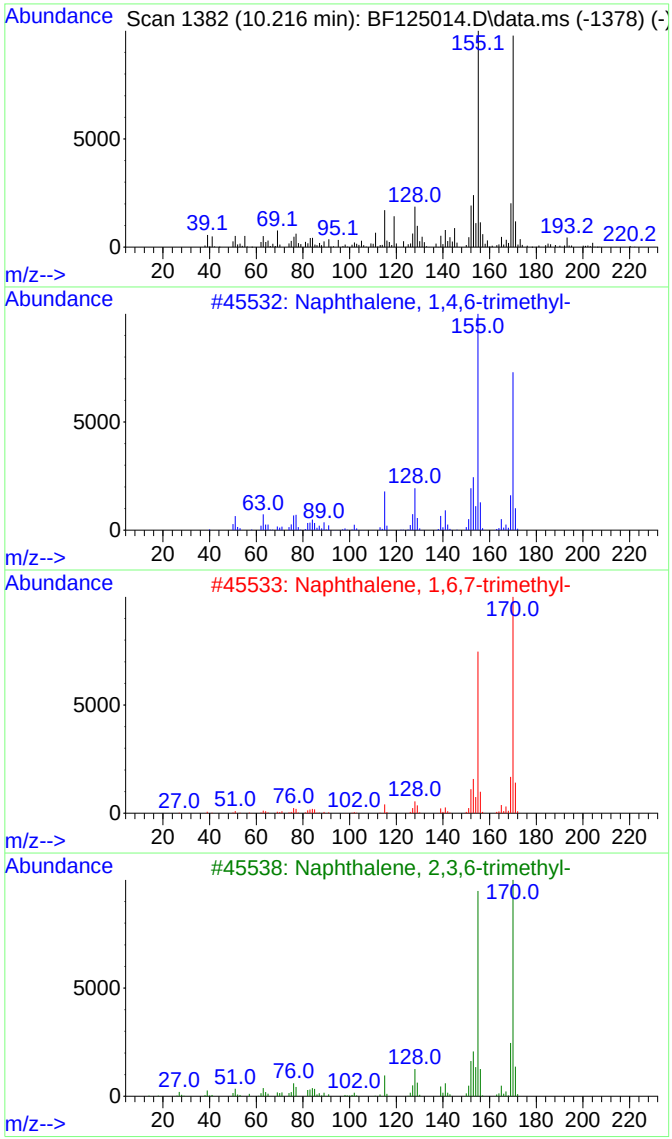
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

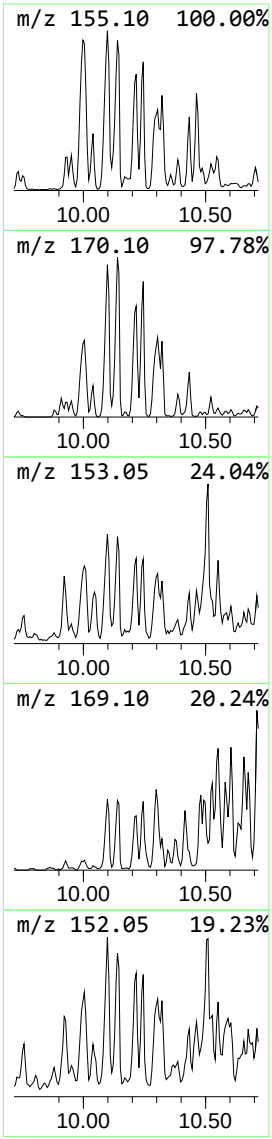
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 1,4,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.216	29.53 ng	467118	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	80





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TWP03

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

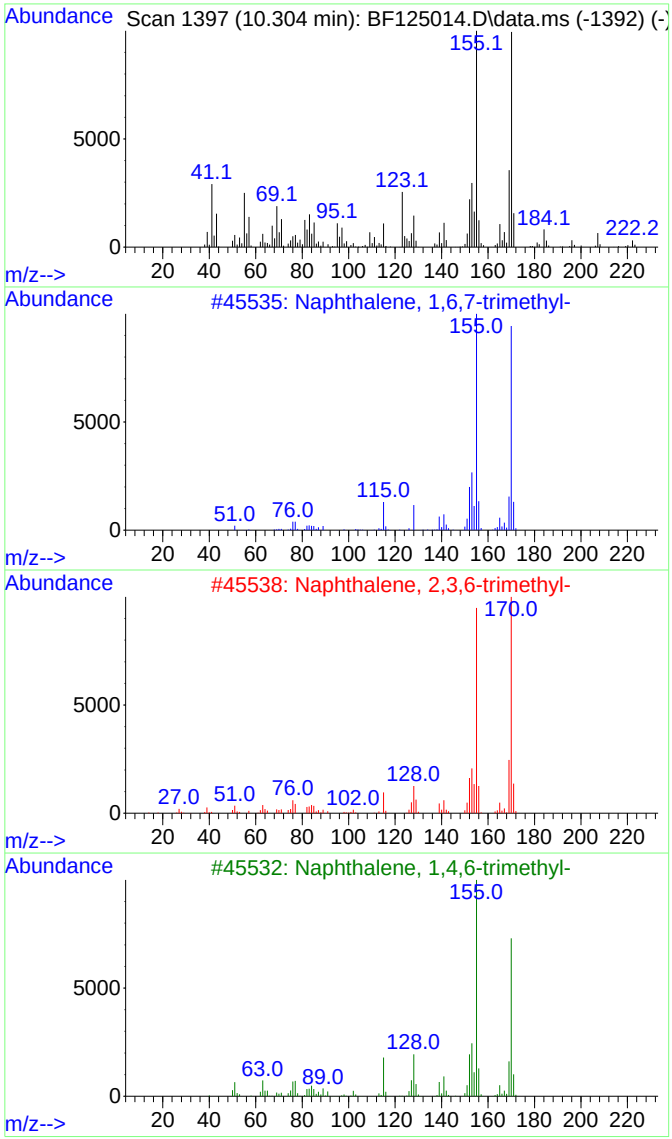
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

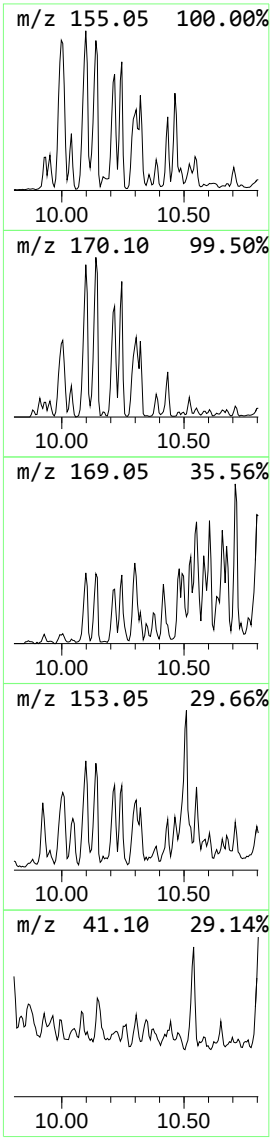
****

Peak Number 14 4,6,8-Trimethylazulene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.304	28.75 ng	454781	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	89





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP03

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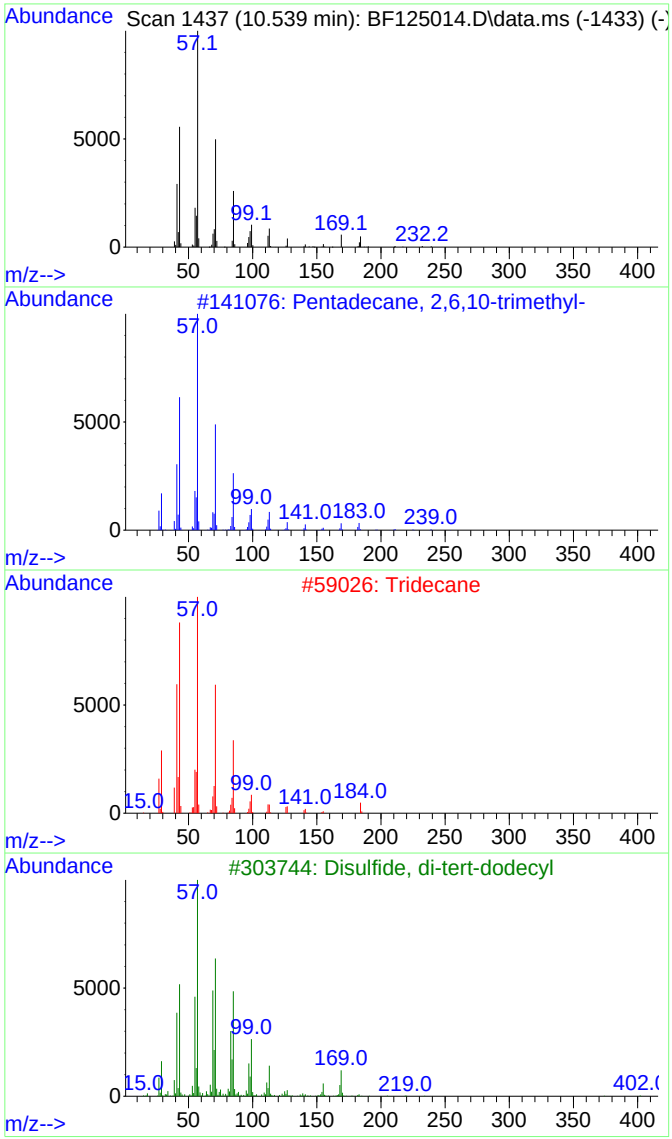
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

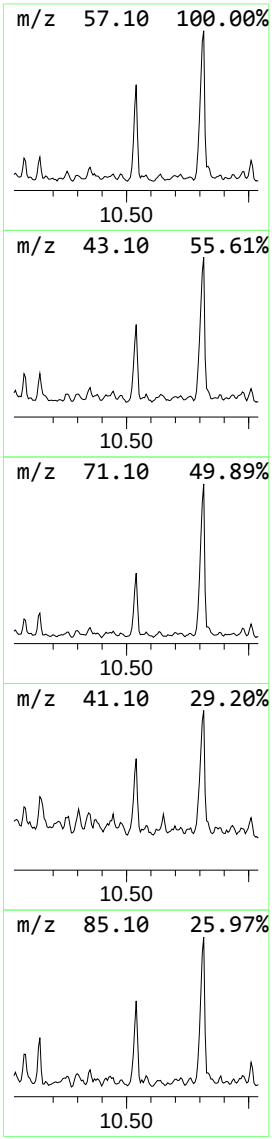
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Pentadecane, 2,6,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	44.60 ng	705686	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Tridecane	184	C13H28	000629-50-5	87
3	Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	64
4	Undecane, 5-ethyl-	184	C13H28	017453-94-0	64
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	59





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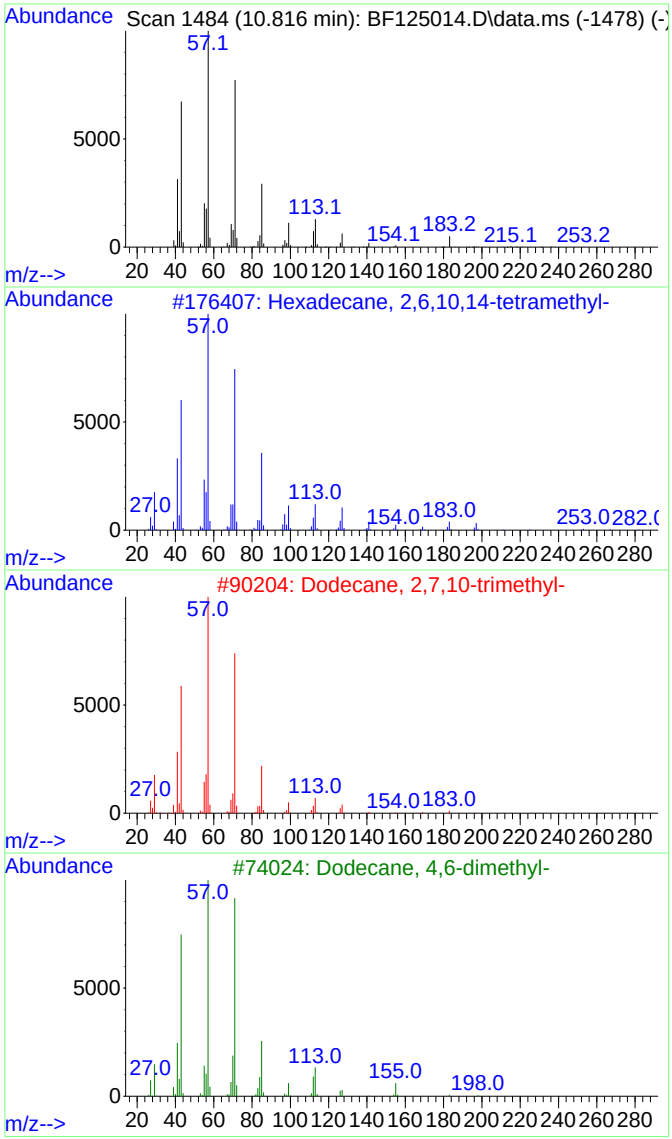
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

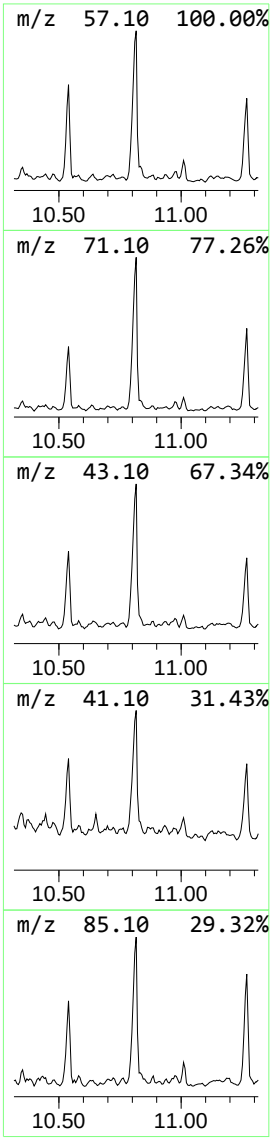
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Hexadecane, 2,6,10,14-tetra... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.816	245.72 ng	1331160	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	83
4	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64





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Data File : BF125014.D
Acq On : 9 Aug 2021 22:07
Operator : JU/CG
Sample : M3281-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP03

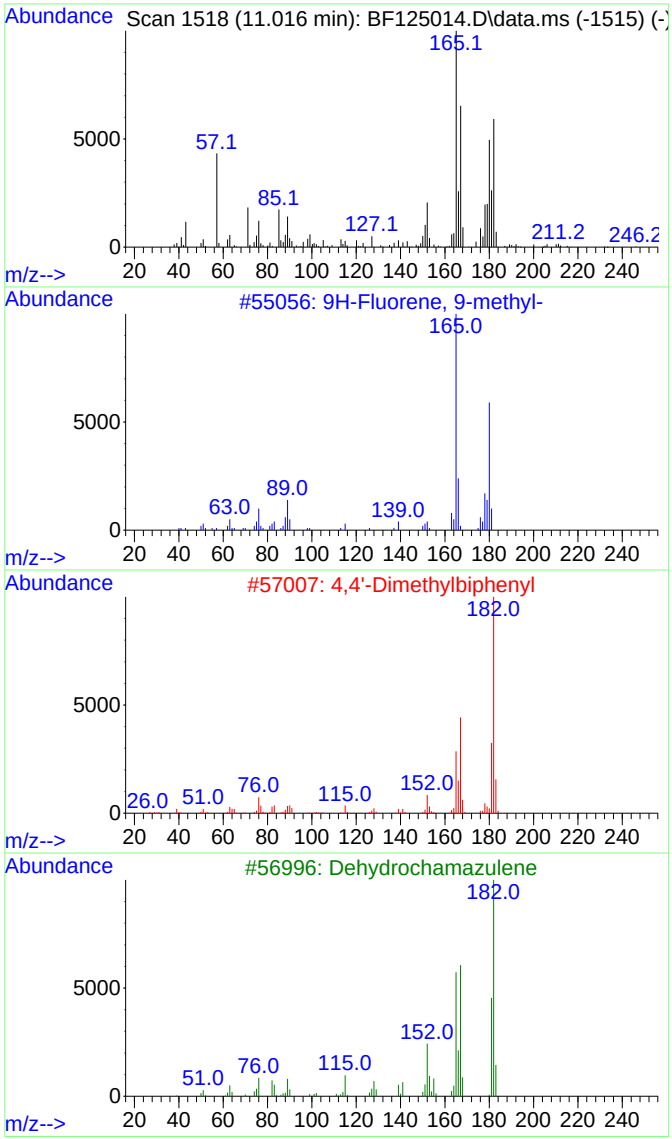
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

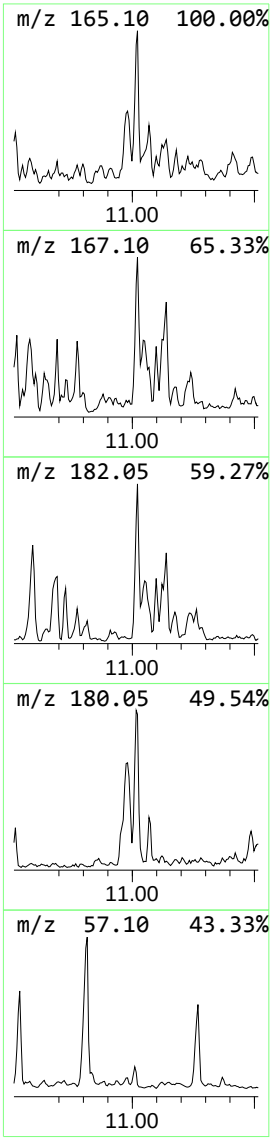
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9H-Fluorene, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.016	44.64 ng	241851	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	64
3	Dehydrochamazulene	182	C14H14	321732-25-6	60
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	50
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	50





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Acq On : 9 Aug 2021 22:07
Operator : JU/CG
Sample : M3281-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.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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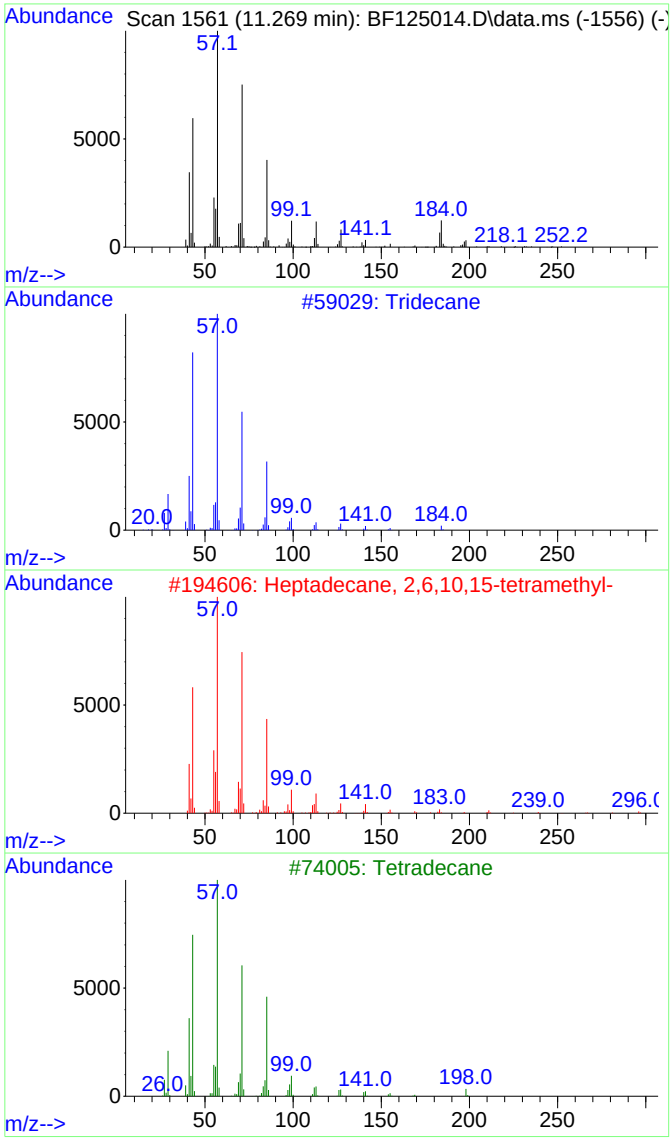
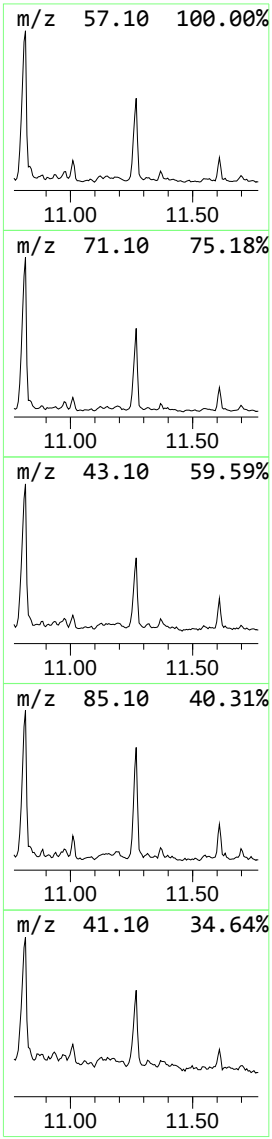
Peak Number 18 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.269	147.01 ng	796417	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3	Tetradecane	198	C14H30	000629-59-4	87
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





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Data File : BF125014.D
Acq On : 9 Aug 2021 22:07
Operator : JU/CG
Sample : M3281-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.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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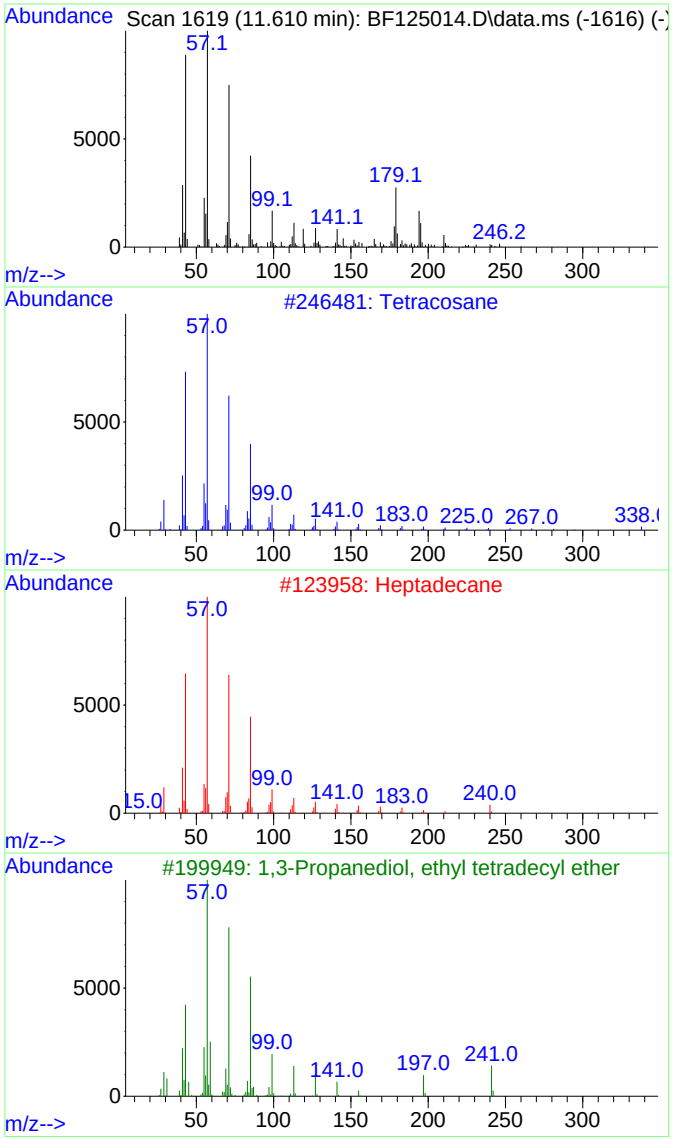
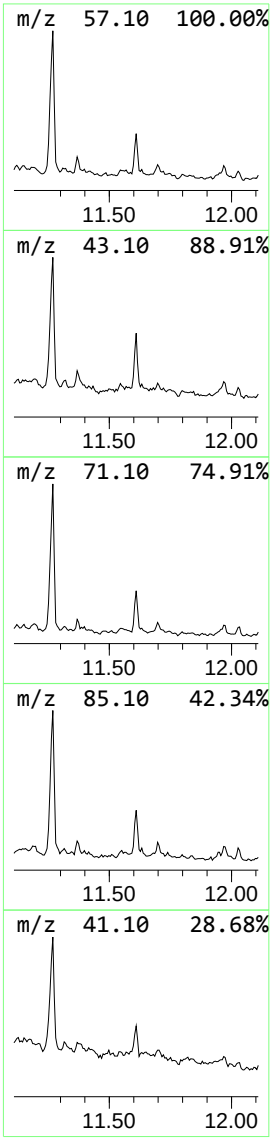
Peak Number 19 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	71.42 ng	386927	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	68
2	Heptadecane	240	C17H36	000629-78-7	68
3	1,3-Propanediol, ethyl tetradecy...	300	C19H40O2	1000406-35-2	64
4	Hentriacontane	437	C31H64	000630-04-6	64
5	Octacosane	394	C28H58	000630-02-4	64





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Data File : BF125014.D
Acq On : 9 Aug 2021 22:07
Operator : JU/CG
Sample : M3281-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP03

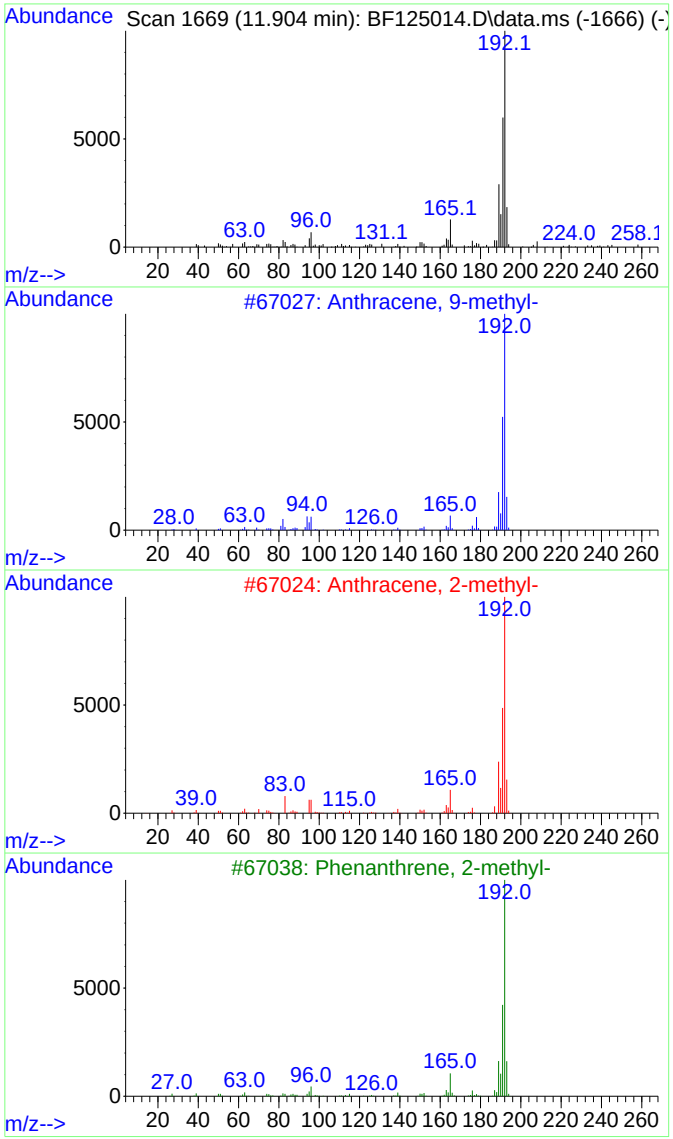
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

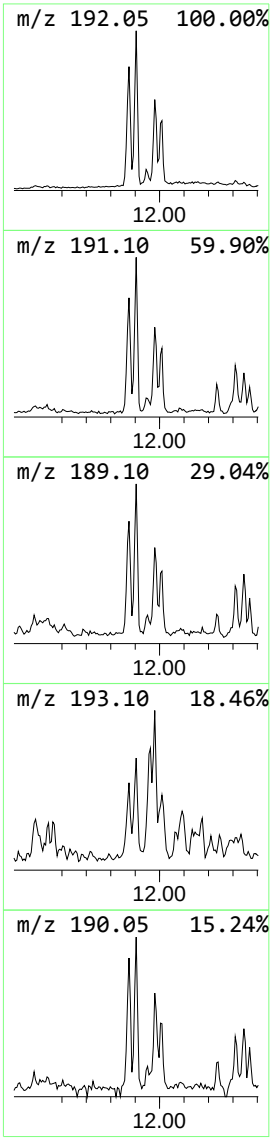
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Anthracene, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	35.86 ng	194296	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
Data File : BF125014.D
Acq On : 9 Aug 2021 22:07
Operator : JU/CG
Sample : M3281-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Heptanol, 2,4...	6.069	30.4	ng	194248	1	6.822	127567	20.0
Cyclopentane, 1...	6.975	30.9	ng	197101	1	6.822	127567	20.0
Naphthalene, de...	7.228	35.1	ng	224097	1	6.822	127567	20.0
Cyclohexane, he...	8.416	37.8	ng	585201	2	8.116	309708	20.0
Dodecane, 2,6,1...	8.563	71.8	ng	1111990	2	8.116	309708	20.0
Naphthalene, 1,...	8.639	31.3	ng	484061	2	8.116	309708	20.0
Naphthalene, 1,...	9.486	55.3	ng	875276	3	9.886	316416	20.0
Naphthalene, 1,...	9.569	43.1	ng	681762	3	9.886	316416	20.0
Pentacosane	9.616	59.7	ng	944159	3	9.886	316416	20.0
Naphthalene, 2-...	9.998	32.1	ng	507794	3	9.886	316416	20.0
Naphthalene, 1,...	10.098	36.2	ng	572709	3	9.886	316416	20.0
Naphthalene, 2,...	10.145	49.6	ng	784923	3	9.886	316416	20.0
Naphthalene, 1,...	10.216	29.5	ng	467118	3	9.886	316416	20.0
4,6,8-Trimethyl...	10.304	28.8	ng	454781	3	9.886	316416	20.0
Pentadecane, 2,...	10.539	44.6	ng	705686	3	9.886	316416	20.0
Hexadecane, 2,6...	10.816	245.7	ng	1331160	4	11.374	108349	20.0
9H-Fluorene, 9-...	11.016	44.6	ng	241851	4	11.374	108349	20.0
Tridecane	11.269	147.0	ng	796417	4	11.374	108349	20.0
Tetracosane	11.610	71.4	ng	386927	4	11.374	108349	20.0
Anthracene, 9-m...	11.904	35.9	ng	194296	4	11.374	108349	20.0