LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
Data File : BF126525.D
Acq On : 6 Jan 2022 18:31
Operator : JU/CG
Sample : M5011-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

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-BF122921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126525.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.175	3	15	20	rVB	1908641	4777089	28.98%	0.989%
2	2.410	50	55	62	rVB2	823826	1716981	10.41%	0.356%
3	2.869	128	133	138	rVV	752678	1758857	10.67%	0.364%
4	2.963	140	149	153	rVV	1324797	3836564	23.27%	0.795%
5	3.010	153	157	162	rVV	1295844	2614482	15.86%	0.542%
6	3.246	182	197	209	rBV4	460054	1972820	11.97%	0.409%
7	3.463	209	234	239	rBV	2938922	10976339	66.58%	2.273%
8	3.610	245	259	265	rVV	3404147	10245386	62.15%	2.122%
9	3.681	266	271	276	rVV	1674824	3014718	18.29%	0.624%
10	3.816	284	294	300	rVB2	3125066	9024754	54.74%	1.869%
11	3.957	308	318	323	rVB	3849725	9517360	57.73%	1.971%
12	4.110	331	344	347	rBV2	4439294	10910973	66.18%	2.260%
13	4.246	359	367	370	rBV2	1976878	3920343	23.78%	0.812%
14	4.281	370	373	378	rVV2	1992636	3878446	23.53%	0.803%
15	4.375	384	389	393	rVV4	1209091	2435898	14.78%	0.505%
16	4.434	393	399	404	rVB4	3855009	7853786	47.64%	1.627%
17	4.540	409	417	421	rBV4	3691307	7310662	44.34%	1.514%
18	4.628	428	432	437	rVB	2563691	3488200	21.16%	0.722%
19	4.740	446	451	454	rBV	1707920	2121040	12.87%	0.439%
20	4.851	466	470	474	rVB2	2590142	3079582	18.68%	0.638%
21	4.899	474	478	481	rBV3	1620430	2937166	17.82%	0.608%
22	4.940	481	485	491	rVB2	4857376	7617956	46.21%	1.578%
23	4.998	492	495	498	rBV2	1962095	2160956	13.11%	0.448%
24	5.046	500	503	505	rVV3	1261501	1614326	9.79%	0.334%
25	5.069	505	507	510	rVV2	1466090	1669918	10.13%	0.346%
26	5.134	510	518	520	rVV3	1296922	2403593	14.58%	0.498%
27	5.210	526	531	533	rBV2	3207696	4709073	28.56%	0.975%
28	5.240	533	536	542	rVB4	1948431	3363334	20.40%	0.697%
29	5.310	542	548	550	rBV	3541135	7042010	42.72%	1.459%
30	5.340	550	553	555	rVV	4699710	5631244	34.16%	1.166%
31	5.416	557	566	571	rVB2	5302185	12372013	75.05%	2.563%
32	5.475	571	576	582	rBV3	3204586	6475427	39.28%	1.341%
33	5.540	584	587	589	rVV	1711946	1576258	9.56%	0.326%
34	5.575	589	593	599	rVV5	2886023	5356961	32.49%	1.110%
35	5.651	603	606	608	rBV3	2888692	3820934	23.18%	0.791%
36	5.675	608	610	612	rVV2	1877723	1805461	10.95%	0.374%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
Data File : BF126525.D
Acq On : 6 Jan 2022 18:31
Operator : JU/CG
Sample : M5011-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

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-BF122921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	5.710	615	616	622	rVB2	2714394	2731496	16.57%	0.566%
38	5.769	622	626	630	rBV4	1796330	2860128	17.35%	0.592%
39	5.822	630	635	639	rVB3	2765031	4459774	27.05%	0.924%
40	5.869	639	643	652	rBV5	2079721	5766337	34.98%	1.194%
41	5.981	652	662	664	rBV2	6066999	13414868	81.37%	2.779%
42	6.004	664	666	671	rVB3	1571290	1825549	11.07%	0.378%
43	6.057	671	675	681	rBV4	3755503	6501390	39.44%	1.347%
44	6.110	681	684	689	rVB	1283023	1922642	11.66%	0.398%
45	6.193	695	698	703	rVB4	1025298	1809982	10.98%	0.375%
46	6.281	703	713	714	rBV2	6044092	14372891	87.18%	2.977%
47	6.316	714	719	721	rVV4	4665555	8390194	50.89%	1.738%
48	6.351	721	725	731	rVV3	3938581	7231191	43.86%	1.498%
49	6.410	731	735	743	rVB5	4970515	9991182	60.60%	2.069%
50	6.493	745	749	755	rVB4	2908763	4901693	29.73%	1.015%
51	6.581	755	764	769	rBV6	1830351	5933300	35.99%	1.229%
52	6.745	787	792	797	rBV3	2420831	5421113	32.88%	1.123%
53	6.834	802	807	809	rVV2	2863453	4042989	24.52%	0.837%
54	6.869	809	813	816	rVB2	3365483	4243030	25.74%	0.879%
55	6.940	820	825	827	rBV	2237784	3584949	21.75%	0.743%
56	6.987	831	833	837	rVB	4038537	4357893	26.43%	0.903%
57	7.063	839	846	848	rBV	4316692	8094024	49.10%	1.676%
58	7.140	853	859	861	rBV2	3527281	5690114	34.51%	1.179%
59	7.204	866	870	874	rVB	3768277	5245680	31.82%	1.086%
60	7.369	888	898	899	rBV	6564504	15321137	92.93%	3.173%
61	7.392	899	902	905	rVV2	4388246	4591417	27.85%	0.951%
62	7.457	908	913	916	rBV5	2383695	3692614	22.40%	0.765%
63	7.492	916	919	922	rBV2	2488014	3164960	19.20%	0.656%
64	7.587	928	935	937	rBV	4609240	8771794	53.21%	1.817%
65	7.610	937	939	944	rVB2	2160439	2449608	14.86%	0.507%
66	7.704	949	955	956	rBV2	2231572	3316492	20.12%	0.687%
67	7.728	956	959	960	rVV3	2314864	2782230	16.88%	0.576%
68	7.769	960	966	971	rVV4	4580071	10893834	66.08%	2.256%
69	7.845	971	979	985	rVV4	6431061	16485955	100.00%	3.415%
70	7.892	985	987	988	rVV	2242942	2016238	12.23%	0.418%
71	7.963	995	999	1003	rVB	2531590	3142561	19.06%	0.651%
72	8.051	1008	1014	1015	rBV3	1945048	2855346	17.32%	0.591%
73	8.087	1015	1020	1022	rVV2	2714312	4080061	24.75%	0.845%
74	8.116	1022	1025	1027	rVV2	3476096	3998643	24.25%	0.828%
75	8.139	1027	1029	1033	rVB2	2572637	3233647	19.61%	0.670%
76	8.175	1033	1035	1038	rVB	2065849	1826351	11.08%	0.378%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
Data File : BF126525.D
Acq On : 6 Jan 2022 18:31
Operator : JU/CG
Sample : M5011-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

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-BF122921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	8.363	1061	1067	1069	rBV3	2150732	3345840	20.30%	0.693%
78	8.475	1082	1086	1088	rVB	2992203	3351135	20.33%	0.694%
79	8.522	1088	1094	1097	rBV2	2596779	3754267	22.77%	0.778%
80	8.557	1097	1100	1102	rVB	1556737	1637037	9.93%	0.339%
81	8.592	1103	1106	1109	rBV2	1571795	1617268	9.81%	0.335%
82	8.822	1135	1145	1146	rVB2	4724905	10202555	61.89%	2.113%
83	8.910	1154	1160	1162	rVB	3846380	5442557	33.01%	1.127%
84	9.110	1191	1194	1197	rVB3	2550057	2866582	17.39%	0.594%
85	9.357	1233	1236	1240	rVB	1830896	2388385	14.49%	0.495%
86	9.434	1242	1249	1252	rVB	3008933	4694046	28.47%	0.972%
87	9.504	1254	1261	1264	rVV2	3377349	6398925	38.81%	1.325%
88	9.534	1264	1266	1268	rVV	2925850	2655681	16.11%	0.550%
89	9.569	1268	1272	1277	rVV2	3506848	5574622	33.81%	1.155%
90	9.622	1277	1281	1285	rVB2	1976575	2458083	14.91%	0.509%
91	9.698	1291	1294	1298	rVV2	1356447	1559356	9.46%	0.323%
92	9.945	1332	1336	1339	rVB	1431449	2002871	12.15%	0.415%
93	10.033	1349	1351	1354	rVB2	1844294	1937690	11.75%	0.401%
94	10.081	1357	1359	1366	rVB4	1739167	2930322	17.77%	0.607%
95	10.492	1423	1429	1434	rBV	2744799	4211565	25.55%	0.872%
96	10.604	1446	1448	1454	rVB3	1316182	1655273	10.04%	0.343%
97	10.769	1470	1476	1481	rBV2	3875991	5232584	31.74%	1.084%
98	11.228	1549	1554	1559	rVB	2561828	3255138	19.74%	0.674%
99	11.345	1567	1574	1576	rBV3	1146348	1675089	10.16%	0.347%
100	12.898	1835	1838	1847	rVB	1175430	1536371	9.32%	0.318%

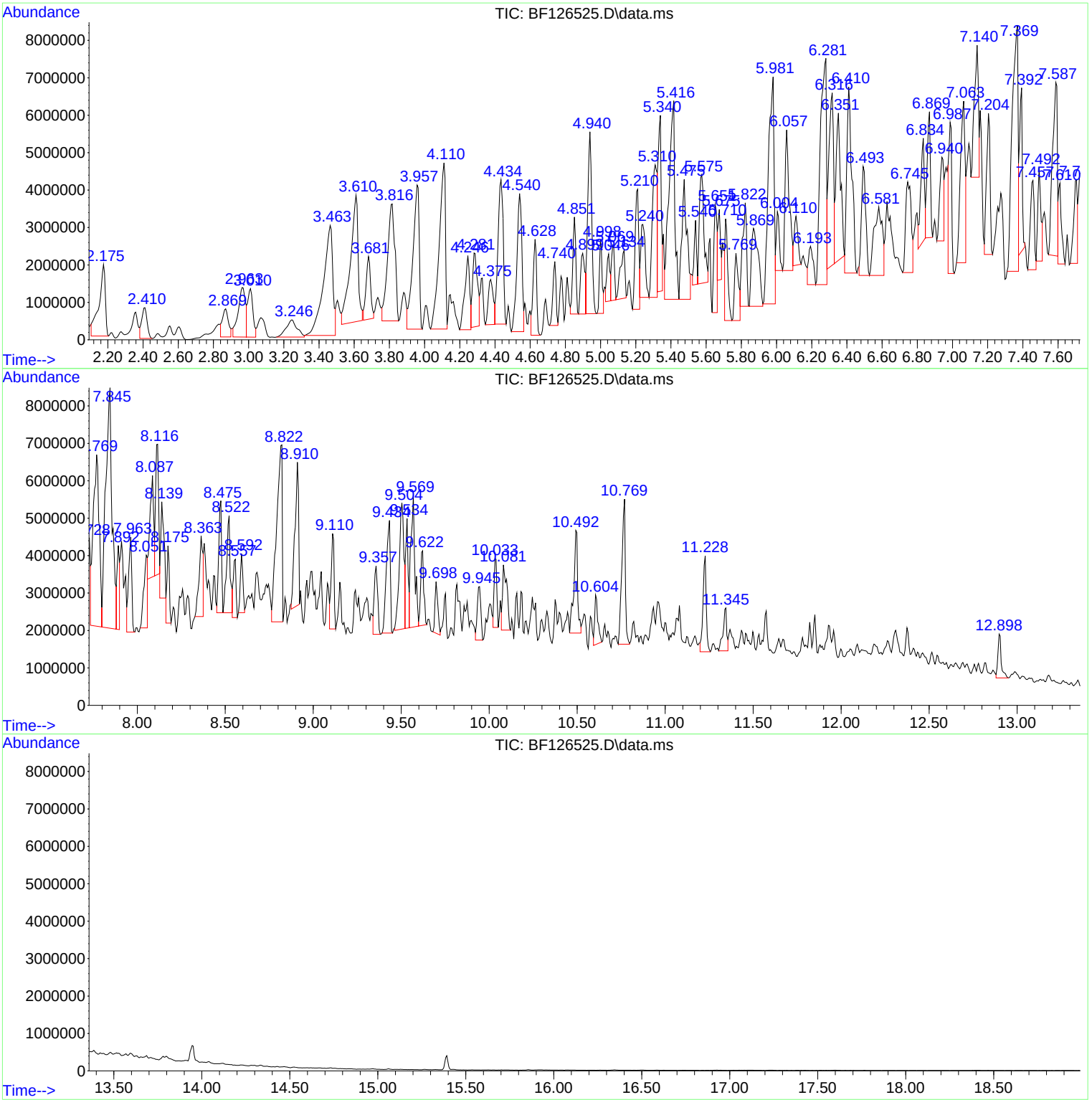
Sum of corrected areas: 482809449

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
Data File : BF126525.D
Acq On : 6 Jan 2022 18:31
Operator : JU/CG
Sample : M5011-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
Data File : BF126525.D
Acq On : 6 Jan 2022 18:31
Operator : JU/CG
Sample : M5011-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

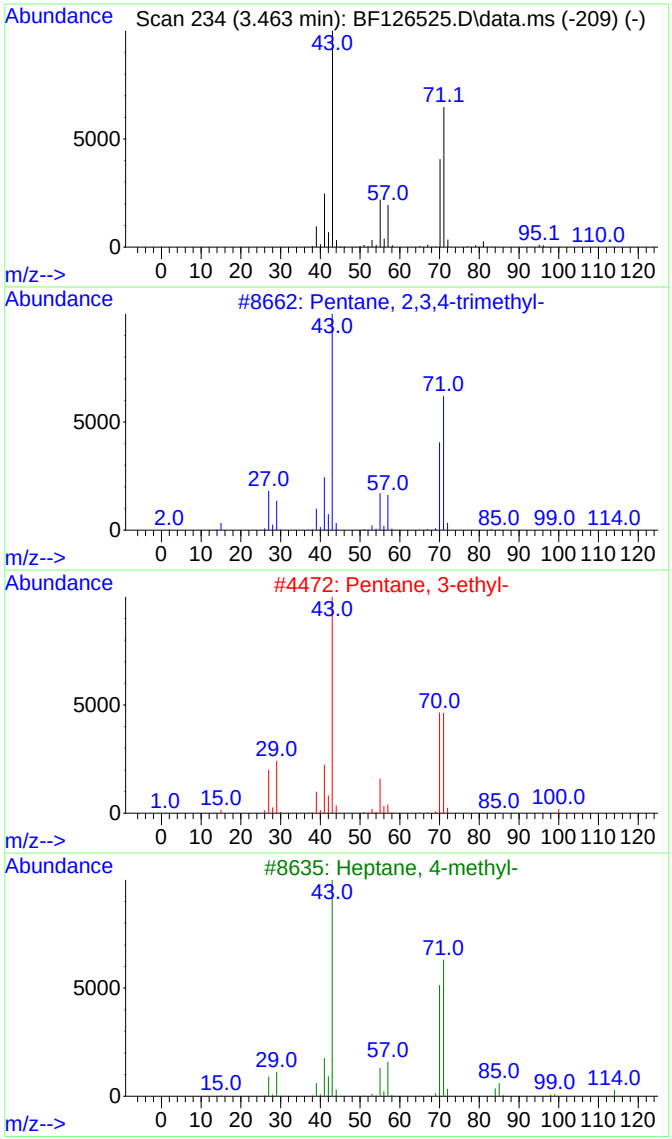
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

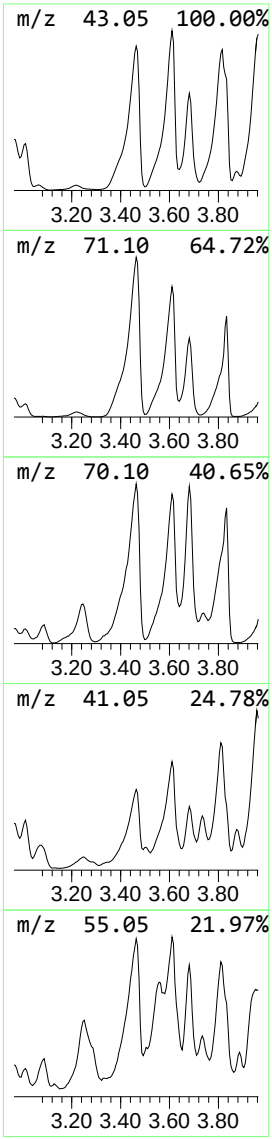
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Pentane, 2,3,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.463	54.30 ng	10976300	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	74
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	74
4	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	56
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
Data File : BF126525.D
Acq On : 6 Jan 2022 18:31
Operator : JU/CG
Sample : M5011-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

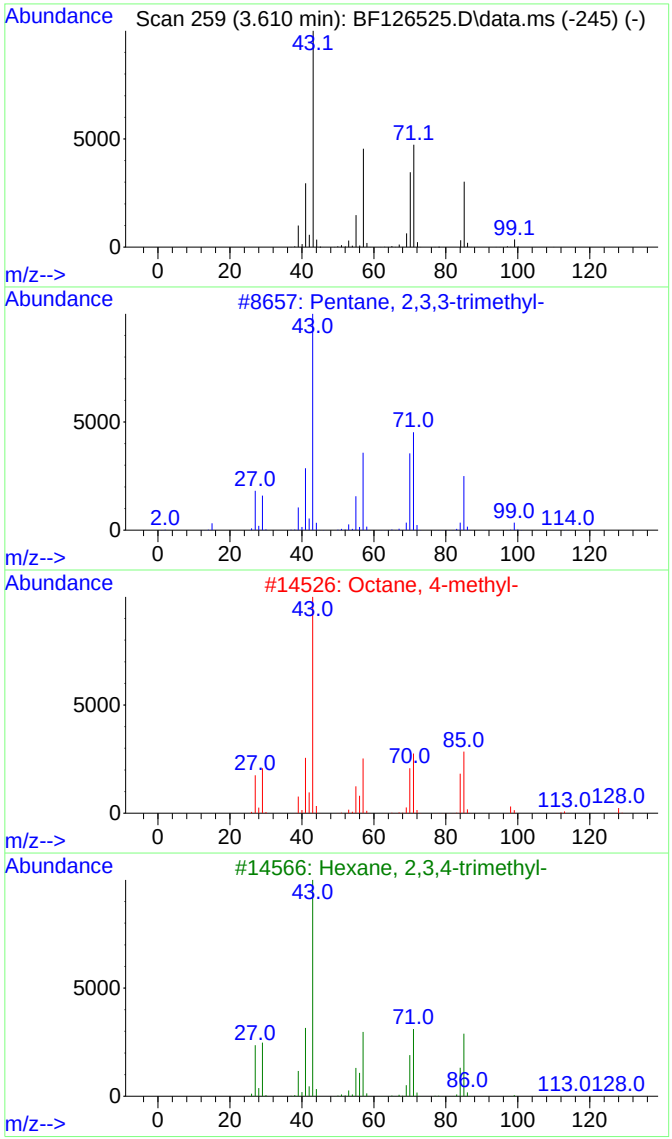
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

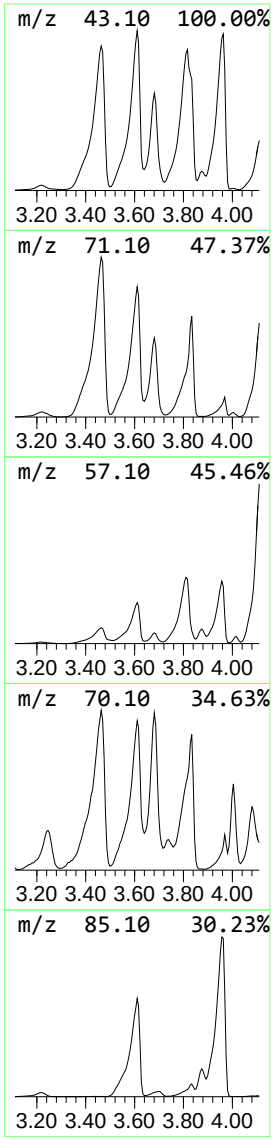
****

Peak Number 2 Pentane, 2,3,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.610	50.68 ng	10245400	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Octane, 4-methyl-	128	C9H20	002216-34-4	83
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	78
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
Data File : BF126525.D
Acq On : 6 Jan 2022 18:31
Operator : JU/CG
Sample : M5011-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

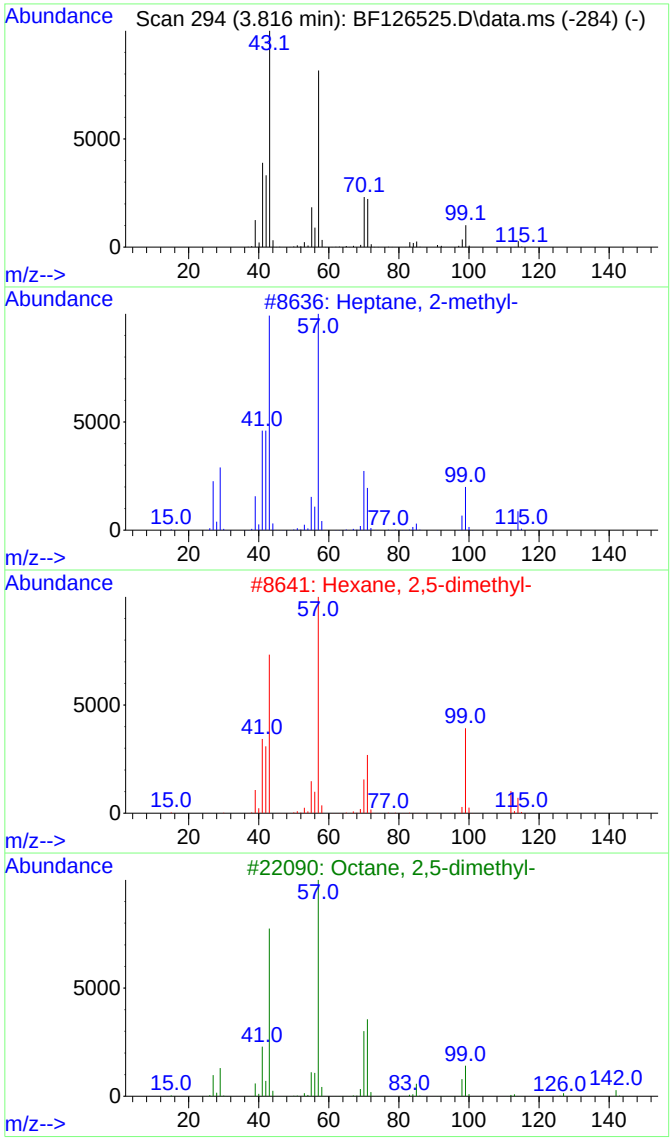
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

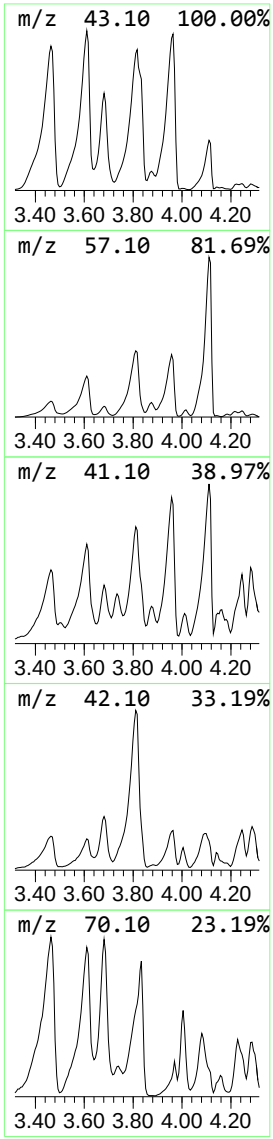
****

Peak Number 3 Heptane, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.816	44.64 ng	9024750	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	78
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	59
3	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	56
4	(Aminomethyl)cyclopropane	71	C4H9N	002516-47-4	53
5	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
Data File : BF126525.D
Acq On : 6 Jan 2022 18:31
Operator : JU/CG
Sample : M5011-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

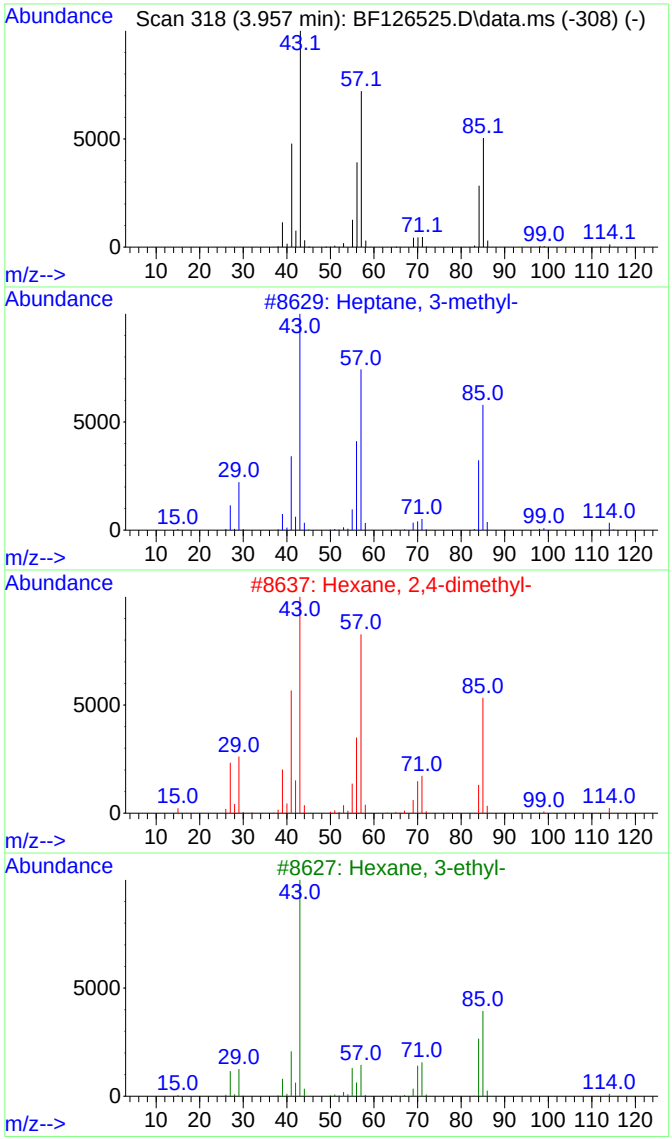
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

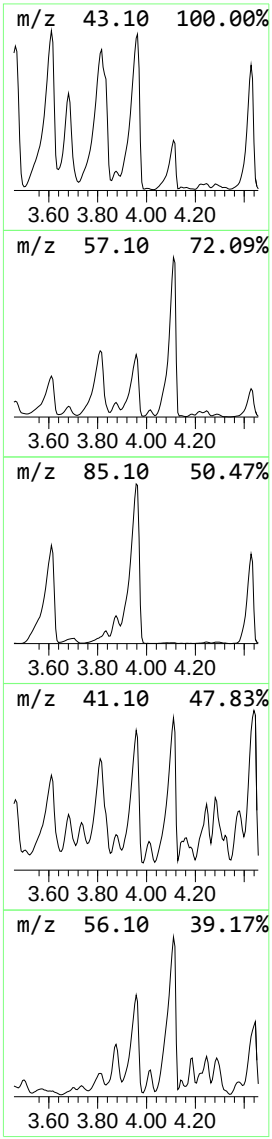
****

Peak Number 4 Heptane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.957	47.08 ng	9517360	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	62
4	Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	59
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
Data File : BF126525.D
Acq On : 6 Jan 2022 18:31
Operator : JU/CG
Sample : M5011-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

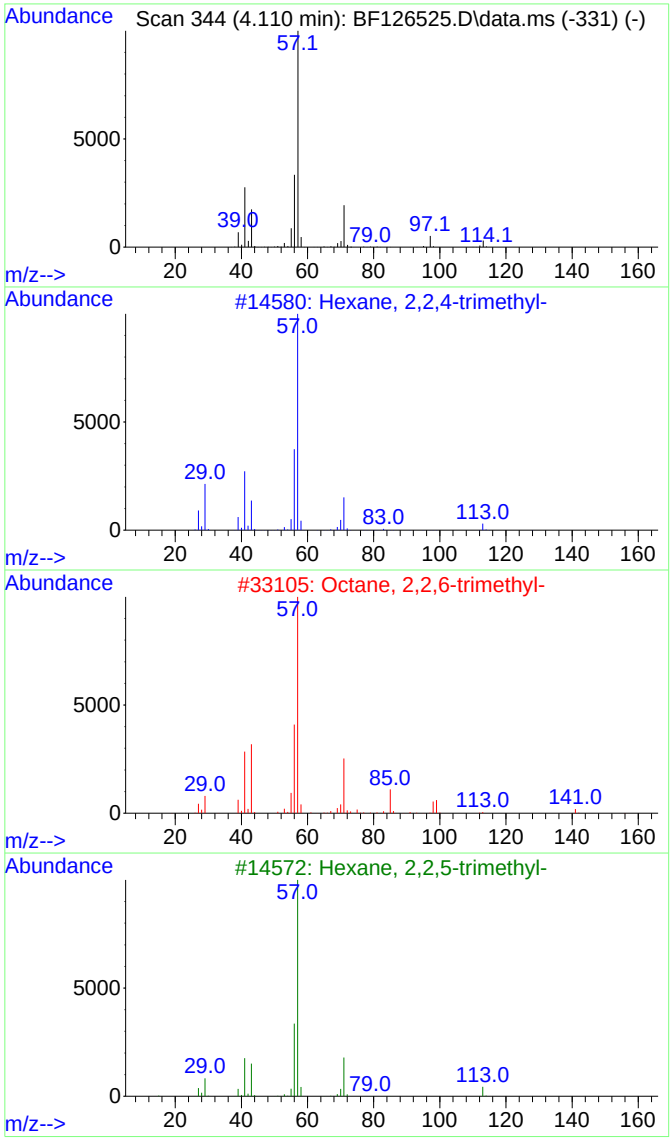
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

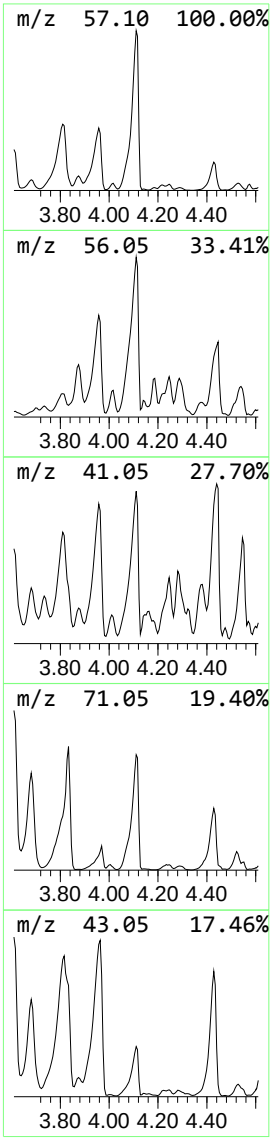
****

Peak Number 5 Hexane, 2,2,4-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.110	53.97 ng	10911000	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	86
2	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	72
3	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	56
4	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	50
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	50





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Operator : JU/CG
Sample : M5011-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HSB-8-(10-10.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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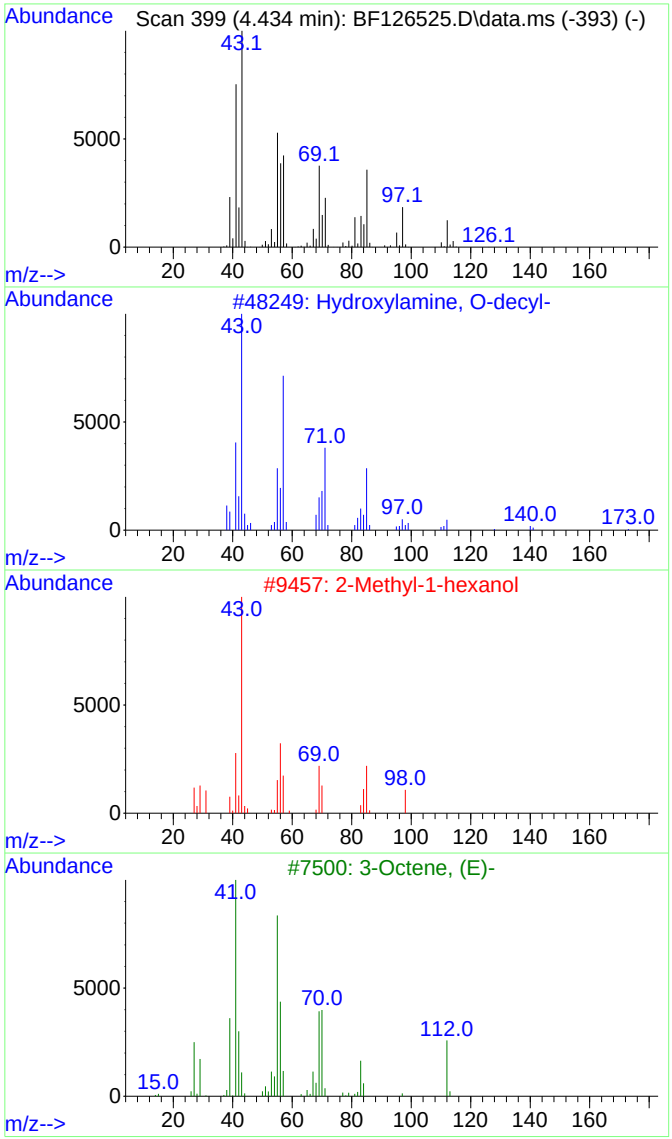
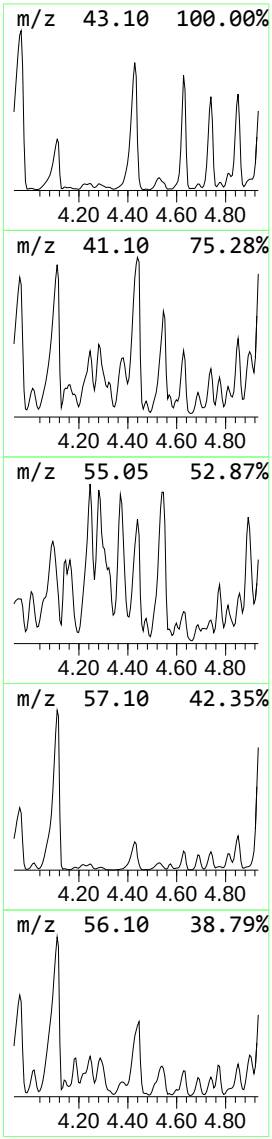
Peak Number 6 unknown4.434 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.434	38.85 ng	7853790	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	47
2	2-Methyl-1-hexanol	116	C7H16O	1000427-67-0	43
3	3-Octene, (E)-	112	C8H16	014919-01-8	41
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38
5	Octane	114	C8H18	000111-65-9	38





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HSB-8-(10-10.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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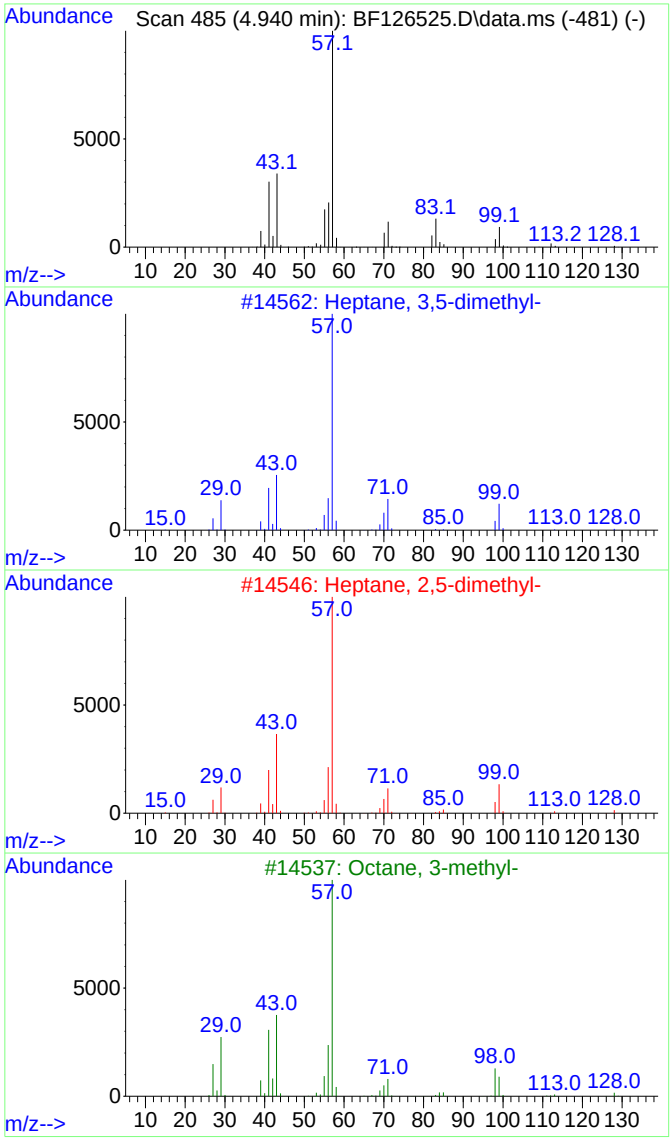
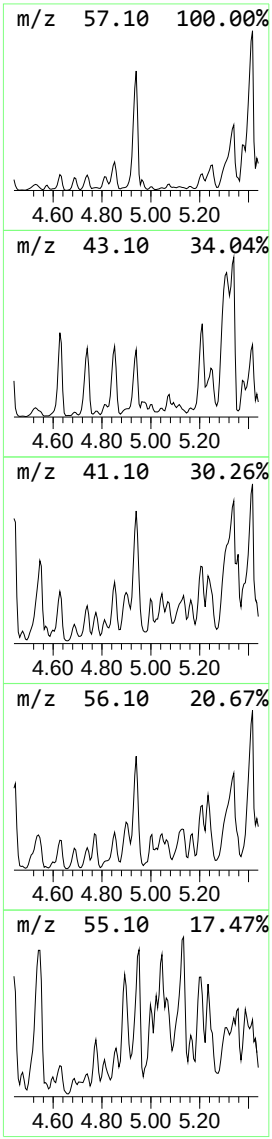
Peak Number 7 Heptane, 3,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.940	37.68 ng	7617960	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	59
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	59
3	Octane, 3-methyl-	128	C9H20	002216-33-3	58
4	Oxalic acid, isobutyl heptyl ester	244	C13H24O4	1000309-37-2	43
5	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	42





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

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

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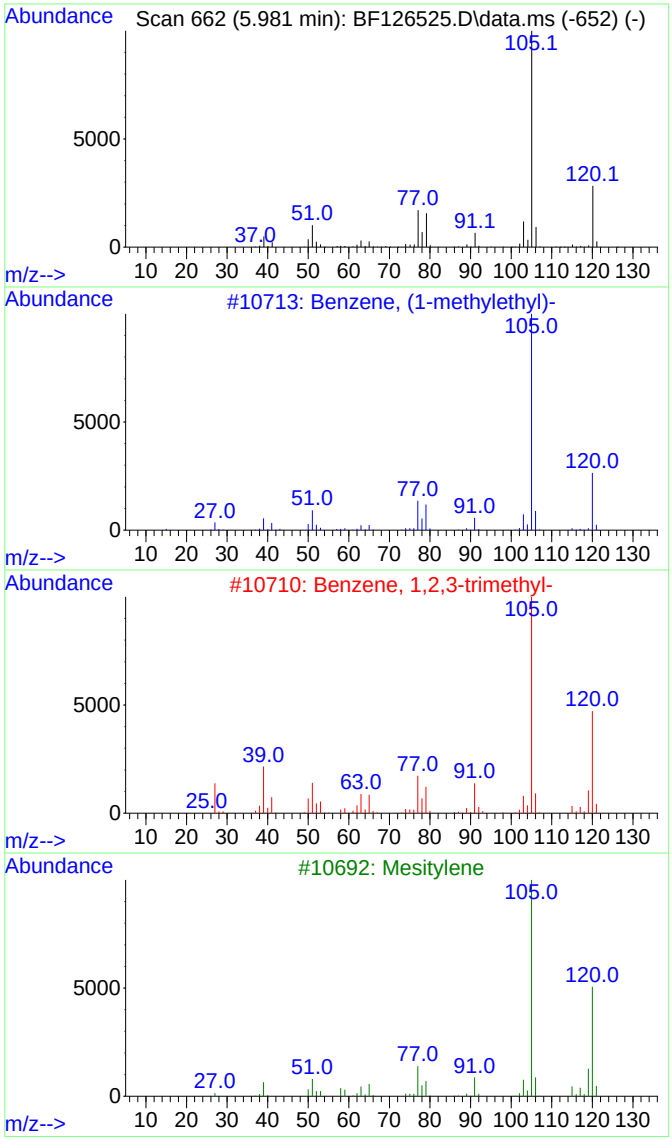
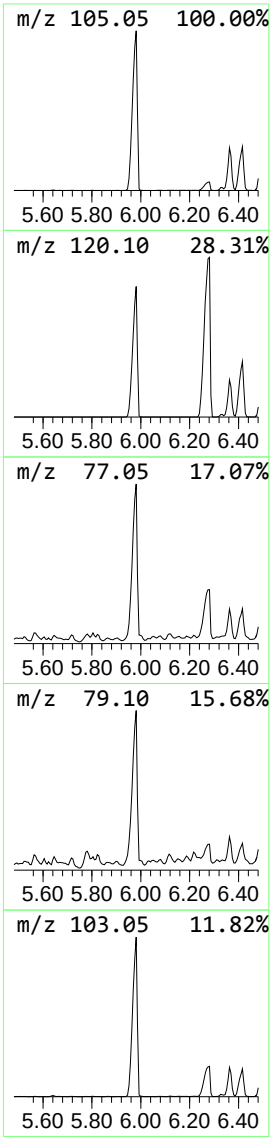
Peak Number 8 Benzene, (1-methylethyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.981	66.36 ng	13414900	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Mesitylene	120	C9H12	000108-67-8	87
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	72





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Sample : M5011-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HSB-8-(10-10.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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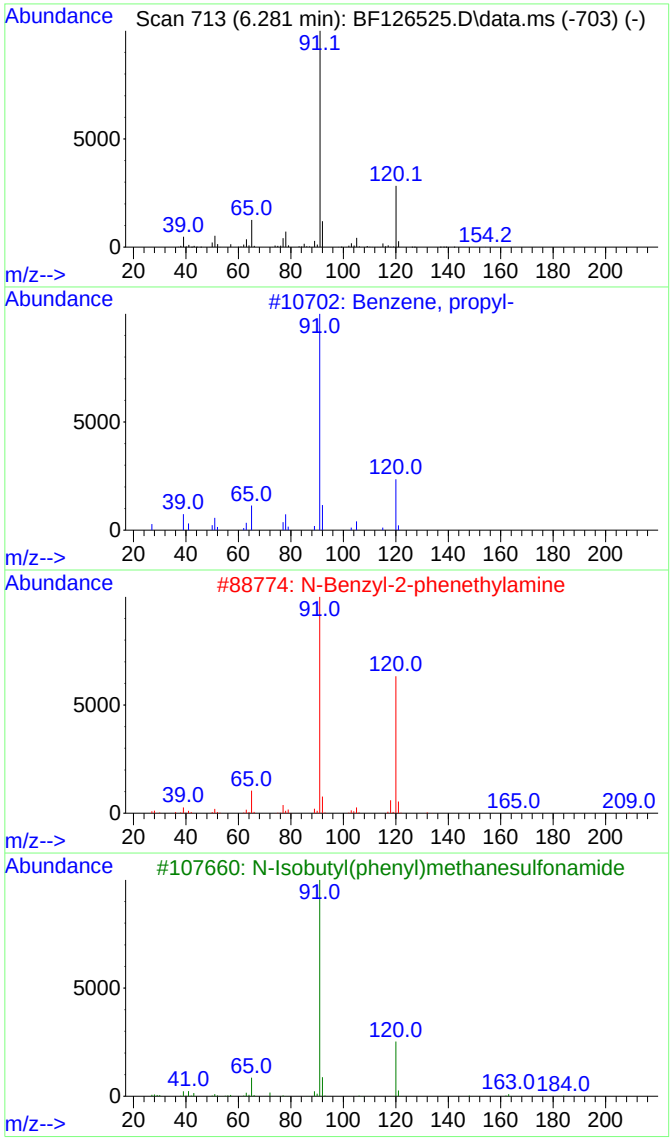
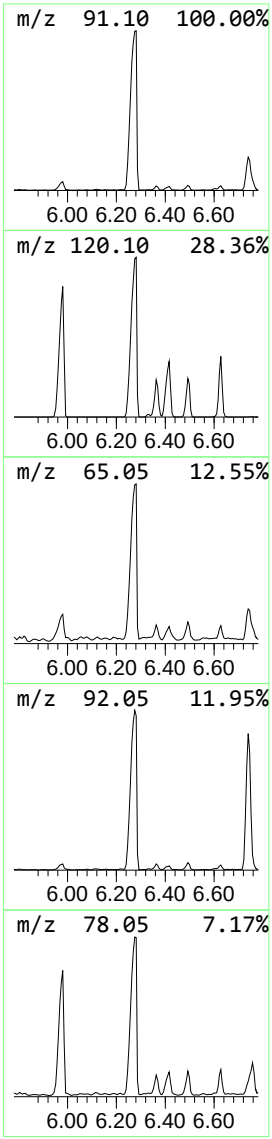
Peak Number 9 Benzene, propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.281	71.10 ng	14372900	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
3	N-Isobutyl(phenyl)methanesulfona...	227	C11H17NO2S	144615-94-1	72
4	1-(Benzylamino)propan-2-ol	165	C10H15NO	1000486-84-7	72
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72





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HSB-8-(10-10.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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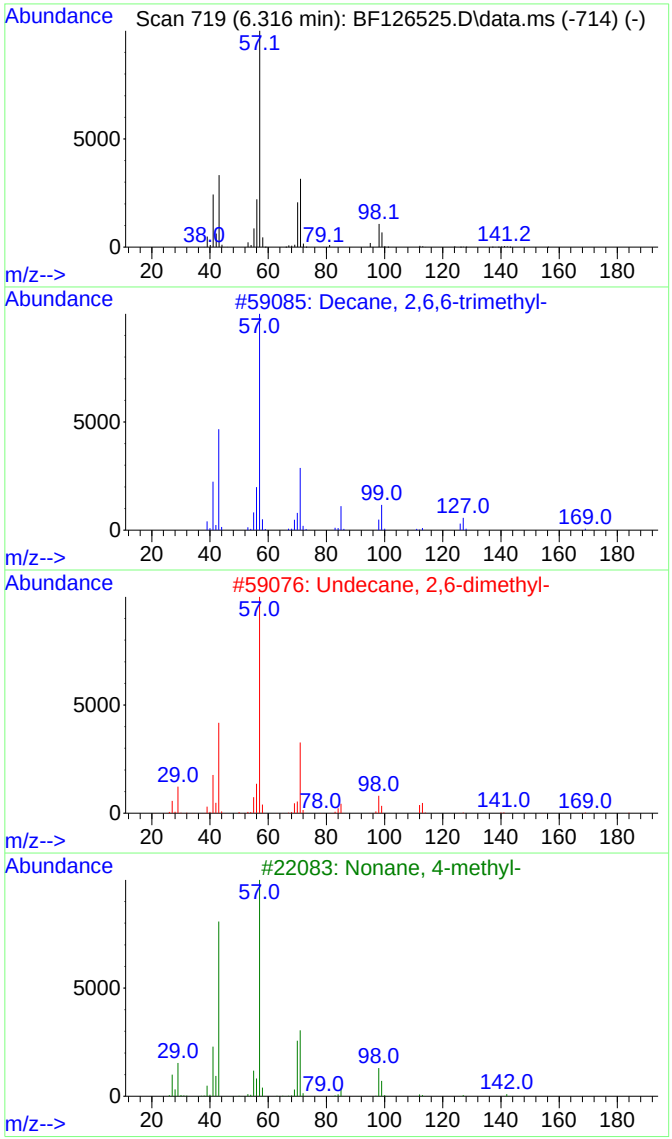
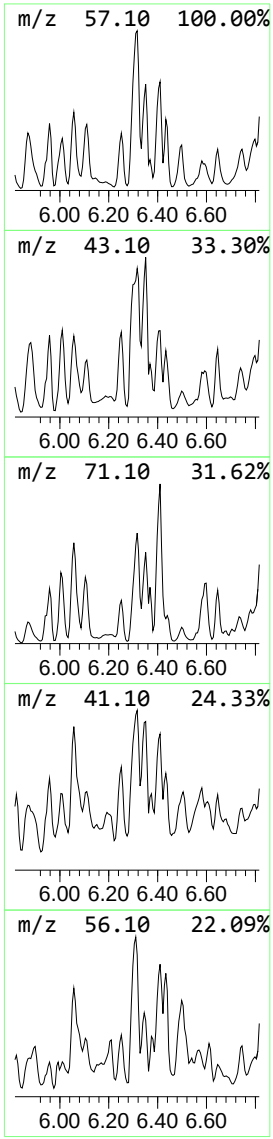
Peak Number 10 Decane, 2,6,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.316	41.50 ng	8390190	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	59
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	59
4	Octane, 3-methyl-	128	C9H20	002216-33-3	50
5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	50





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

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

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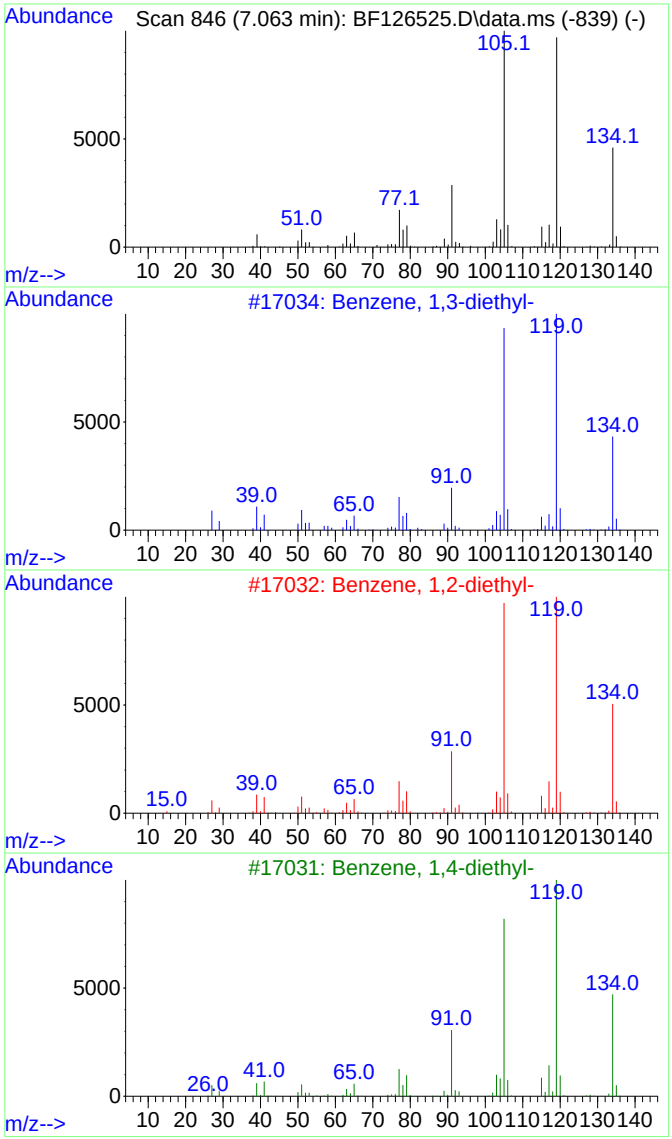
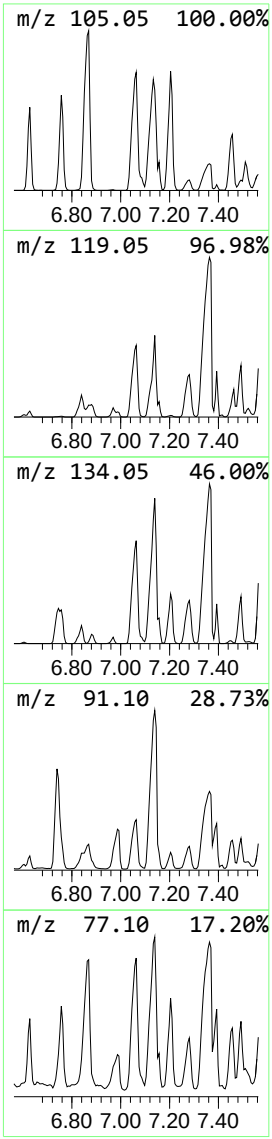
Peak Number 11 Benzene, 1,3-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.063	40.04 ng	8094020	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	o-Cymene	134	C10H14	000527-84-4	81





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Operator : JU/CG
Sample : M5011-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HSB-8-(10-10.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.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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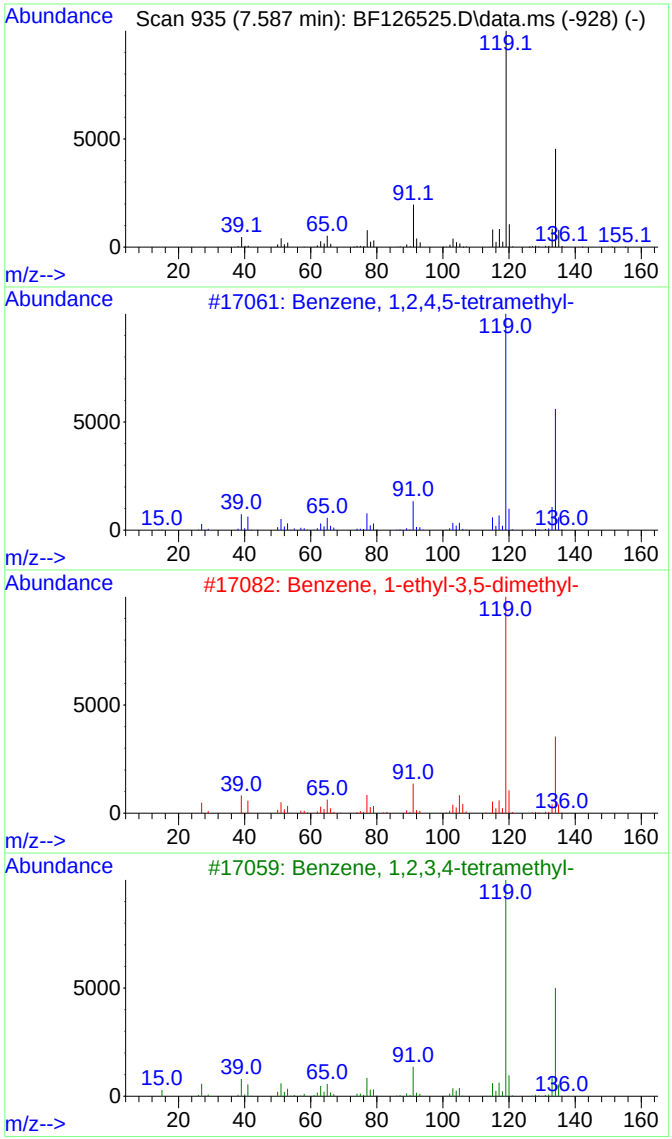
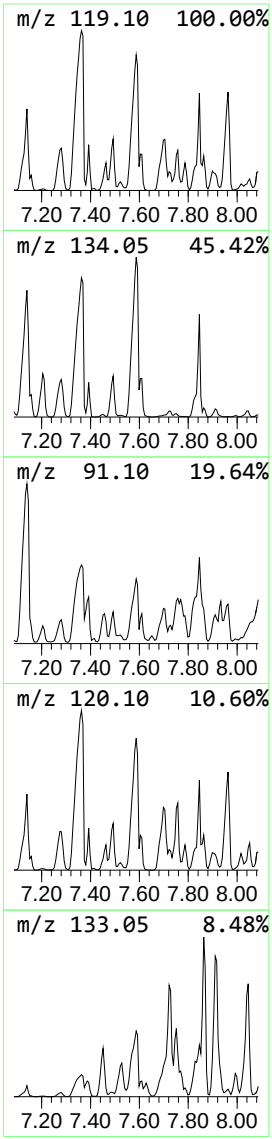
Peak Number 12 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.587	43.00 ng	8771790	Naphthalene-d8	8.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4	o-Cymene	134	C10H14	000527-84-4	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





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Sample : M5011-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HSB-8-(10-10.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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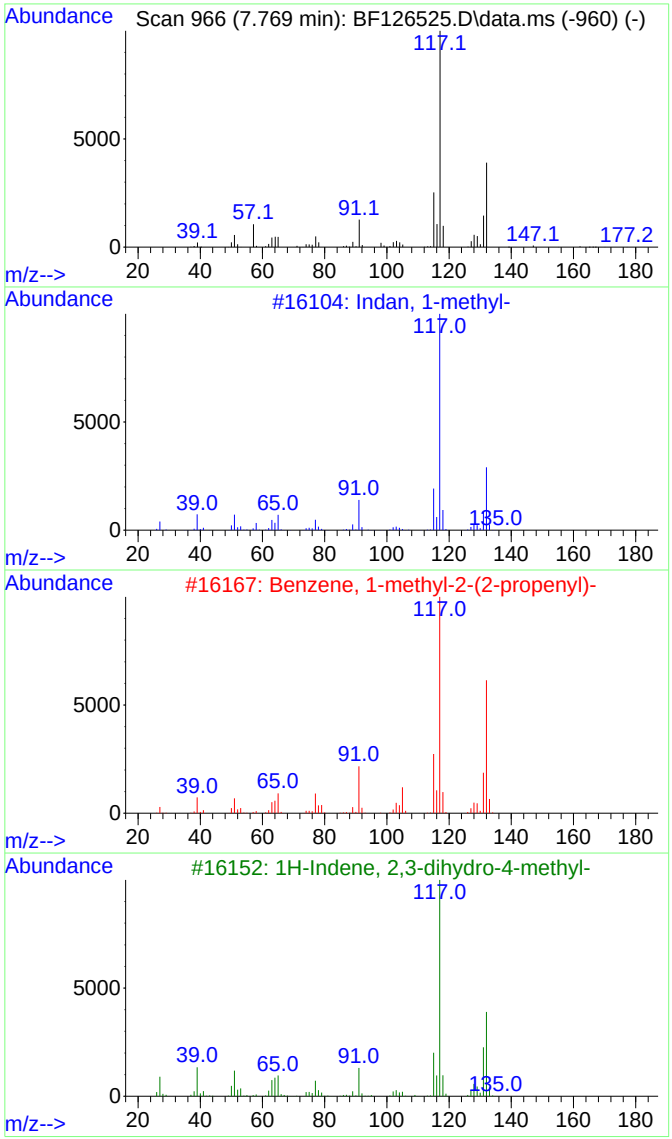
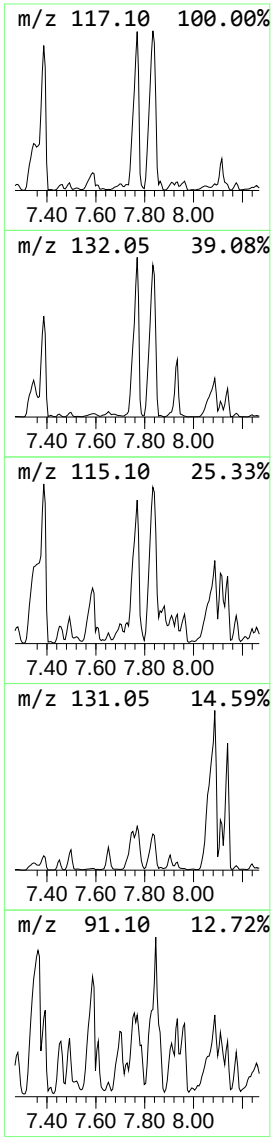
Peak Number 13 Indan, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.769	53.40 ng	10893800	Naphthalene-d8	8.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	90
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	86





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ALS Vial : 15 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

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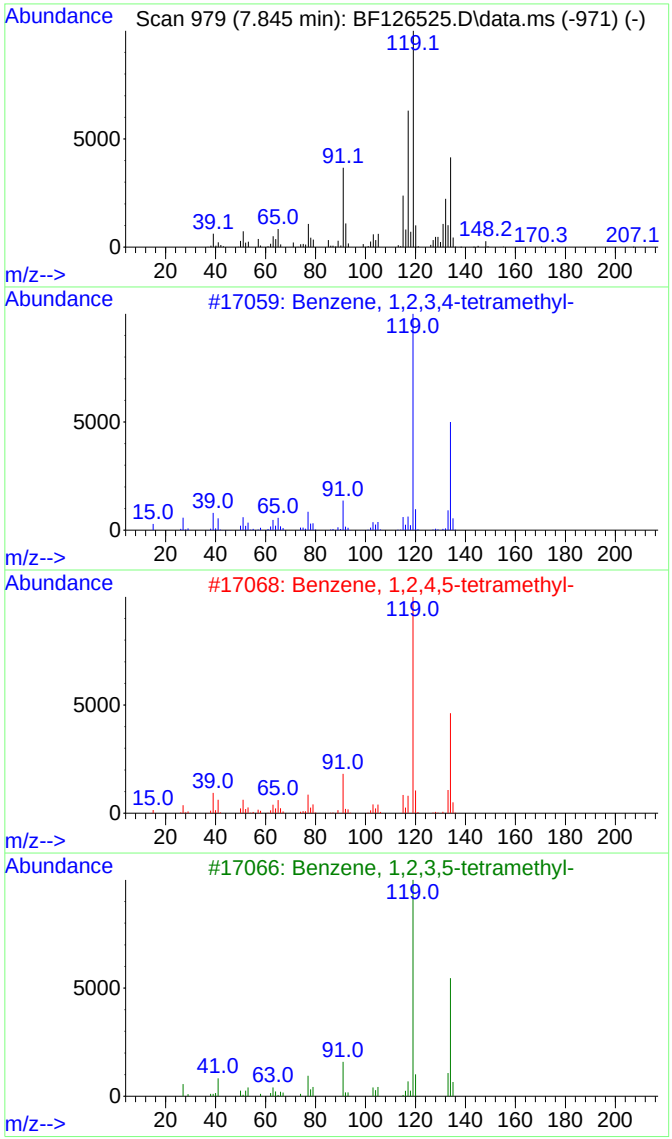
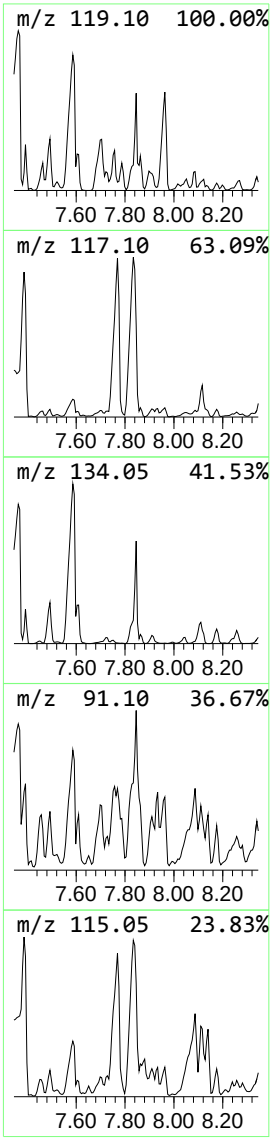
Peak Number 14 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.845	80.81 ng	16486000	Naphthalene-d8	8.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	60
4	o-Cymene	134	C10H14	000527-84-4	53
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	52





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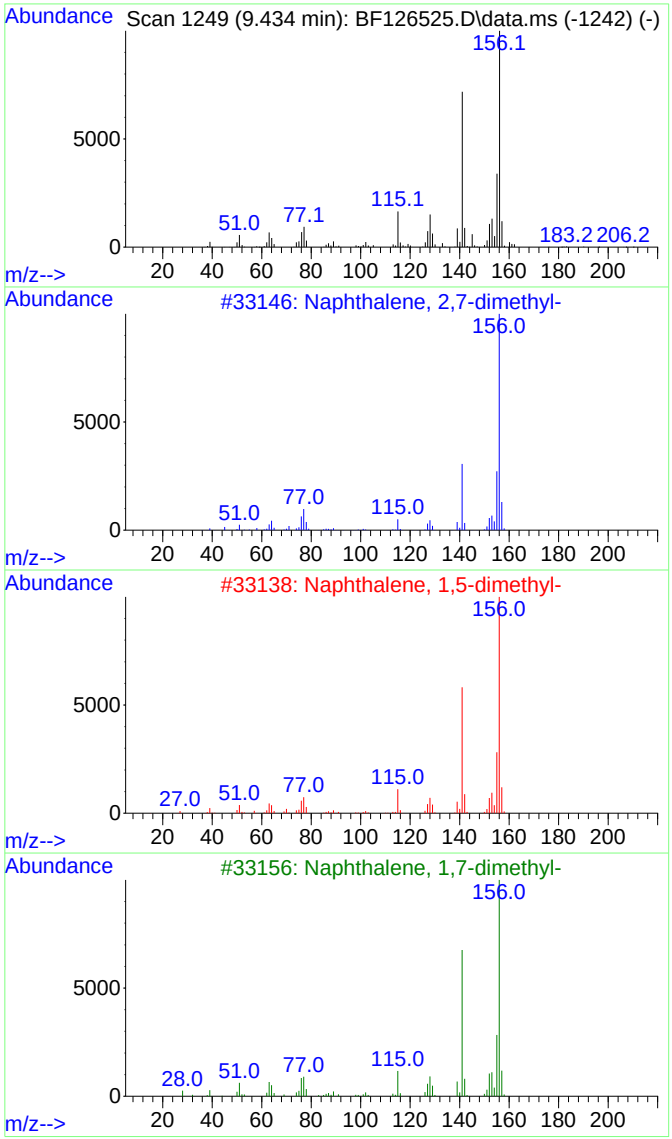
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

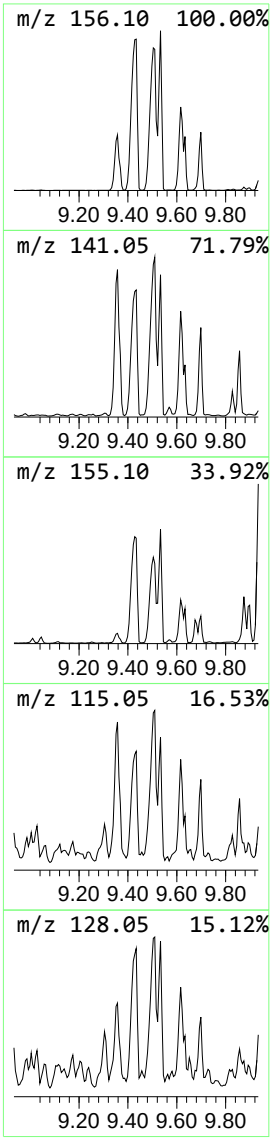
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 2,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.434	46.87 ng	4694050	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	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, 2,6-dimethyl-	156	C12H12	000581-42-0	96





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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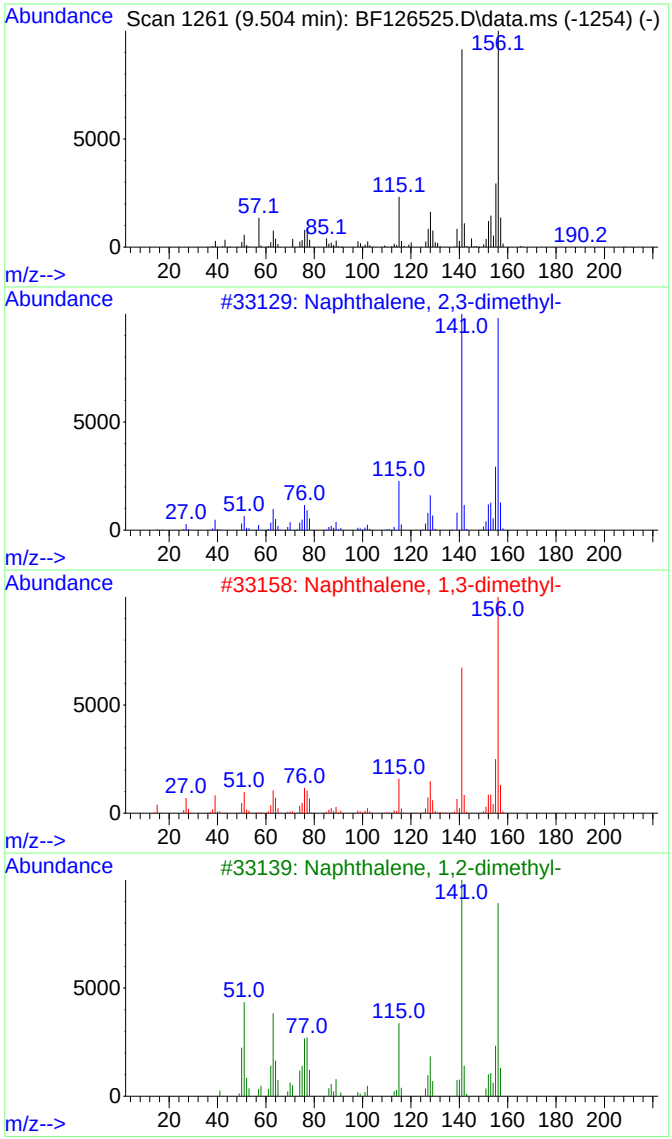
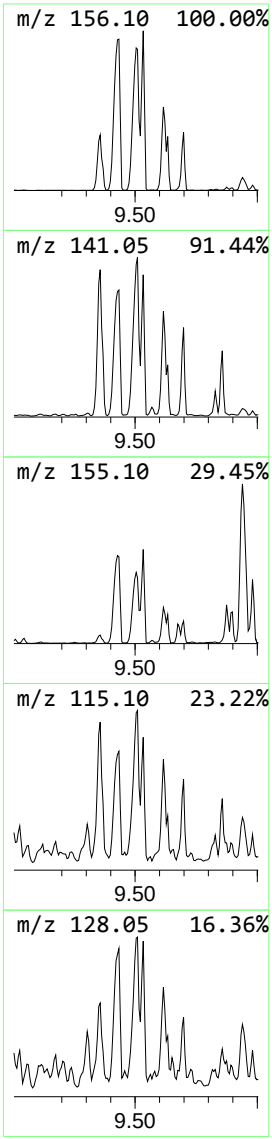
Peak Number 16 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.504	63.90 ng	6398930	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Data File : BF126525.D
Acq On : 6 Jan 2022 18:31
Operator : JU/CG
Sample : M5011-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

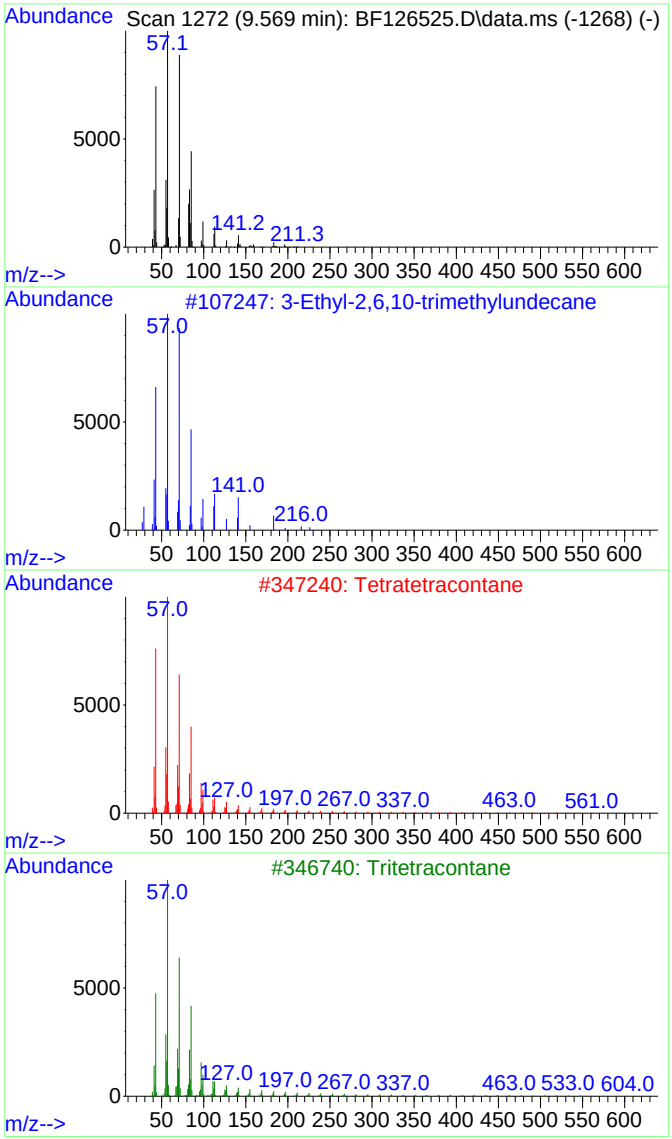
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

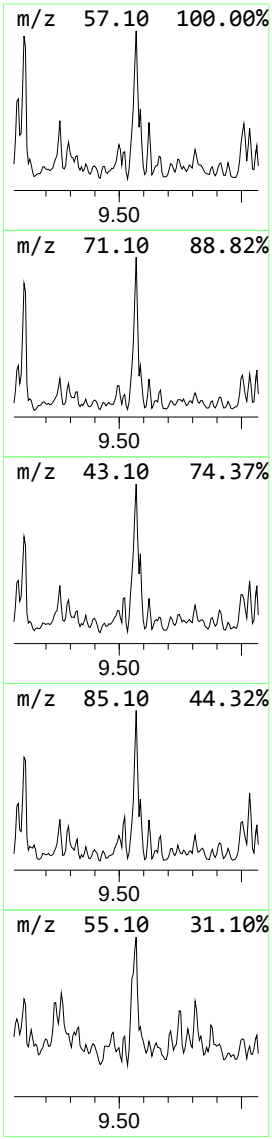
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 3-Ethyl-2,6,10-trimethylund... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.569	55.67 ng	5574620	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	93
2	Tetratetracontane	619	C44H90	007098-22-8	86
3	Tritetracontane	605	C43H88	007098-21-7	86
4	Tridecane	184	C13H28	000629-50-5	81
5	Pentadecane	212	C15H32	000629-62-9	72





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Acq On : 6 Jan 2022 18:31
Operator : JU/CG
Sample : M5011-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

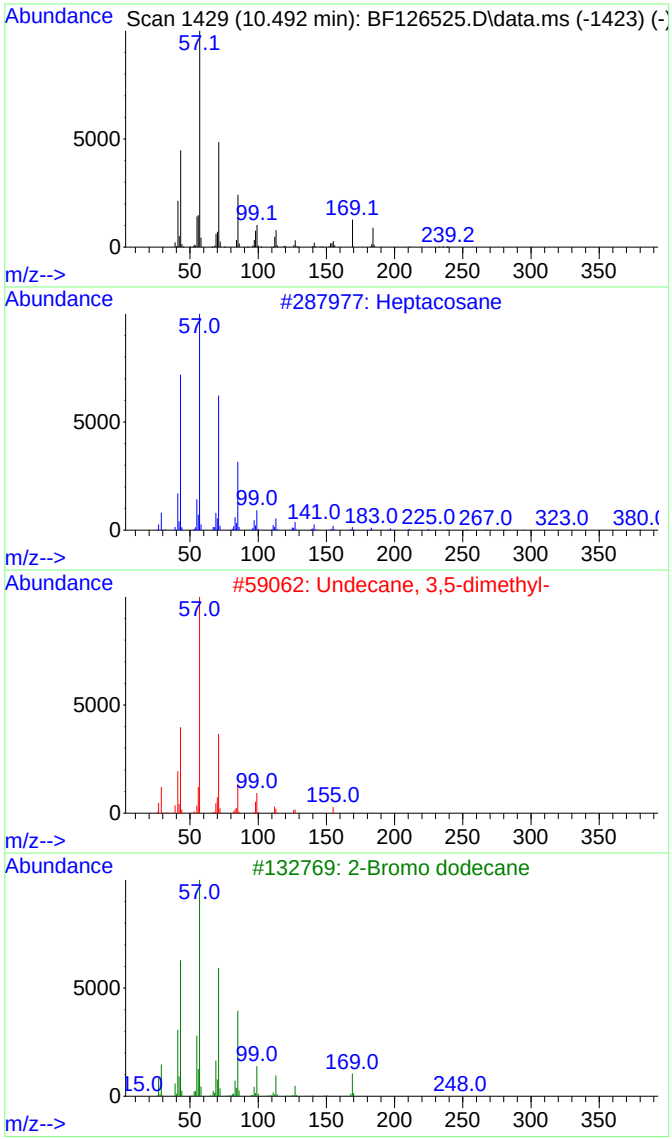
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

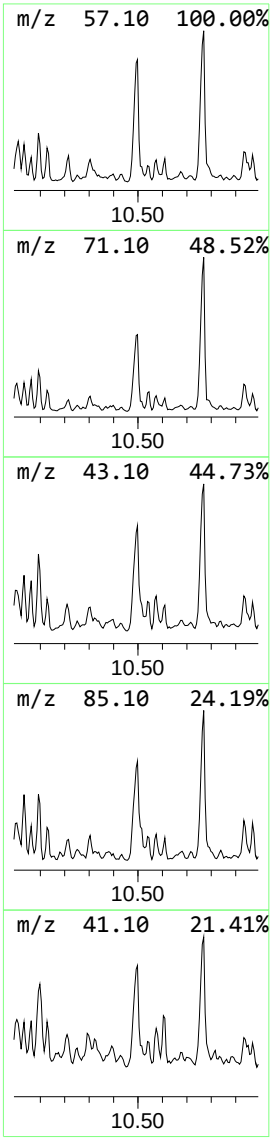
****

Peak Number 18 Heptacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.492	42.06 ng	4211570	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	68
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	59
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	59
4	Tetracosane	338	C24H50	000646-31-1	58
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	53





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Data File : BF126525.D
Acq On : 6 Jan 2022 18:31
Operator : JU/CG
Sample : M5011-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

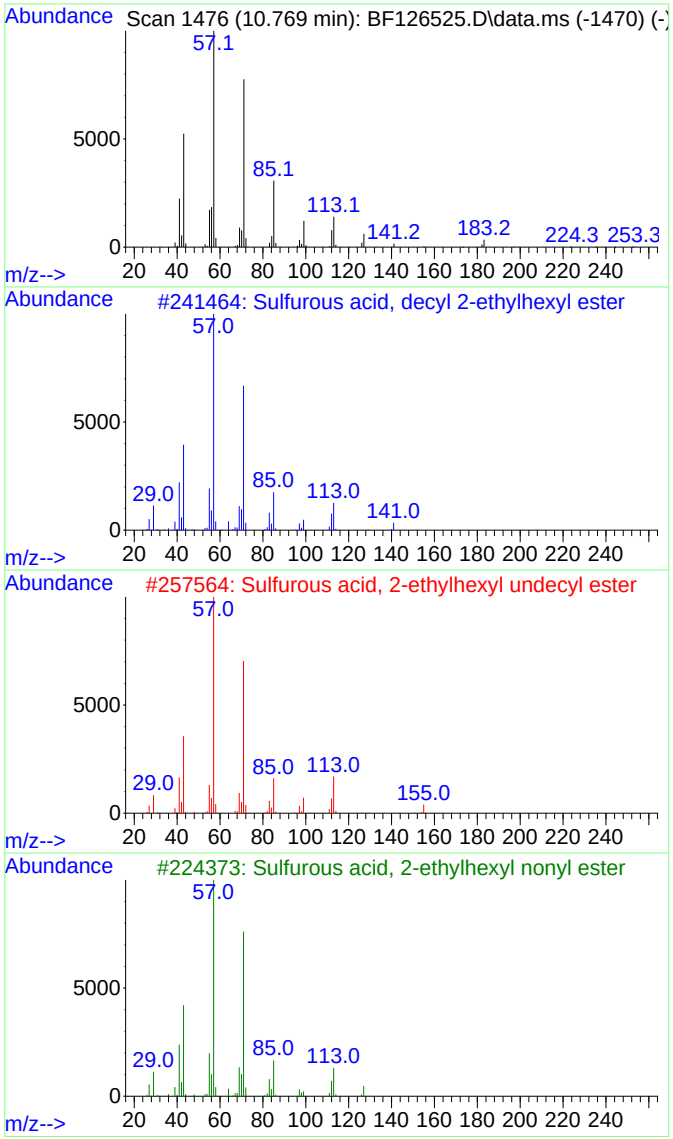
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

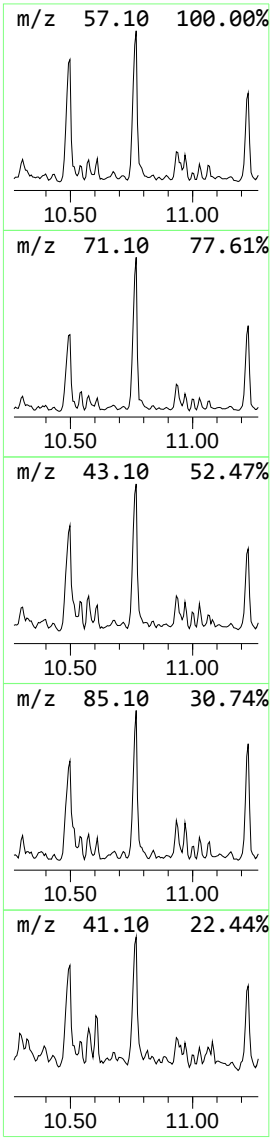
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Sulfurous acid, decyl 2-eth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.769	62.48 ng	5232580	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
2	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72
4	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	72
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
Data File : BF126525.D
Acq On : 6 Jan 2022 18:31
Operator : JU/CG
Sample : M5011-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

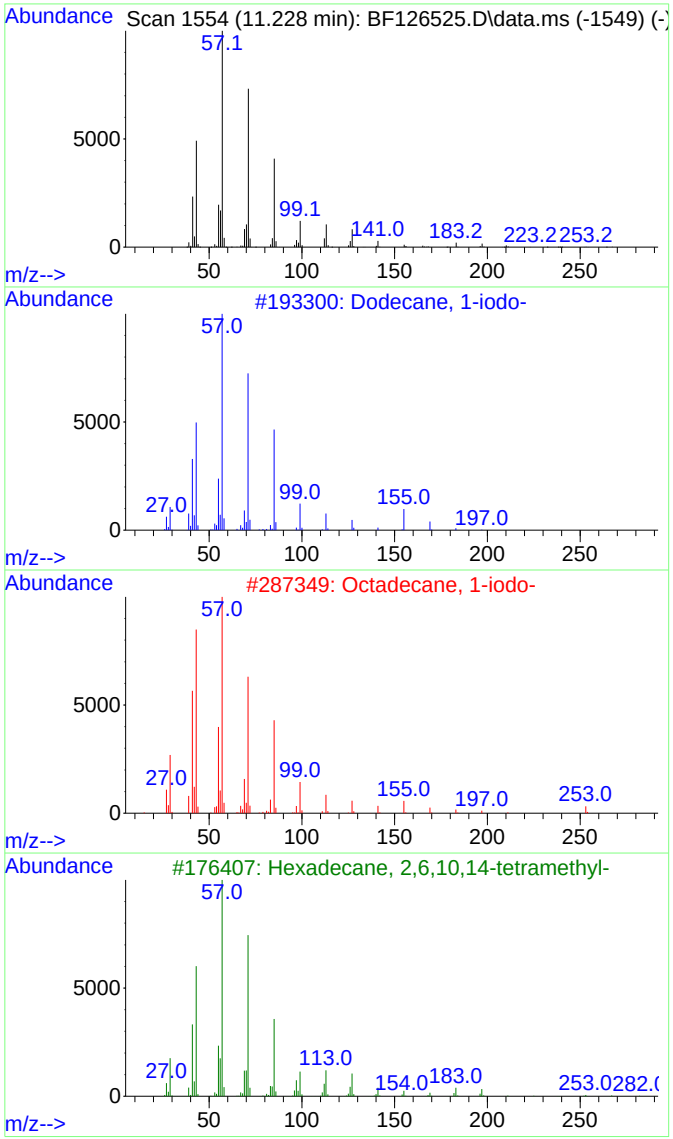
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

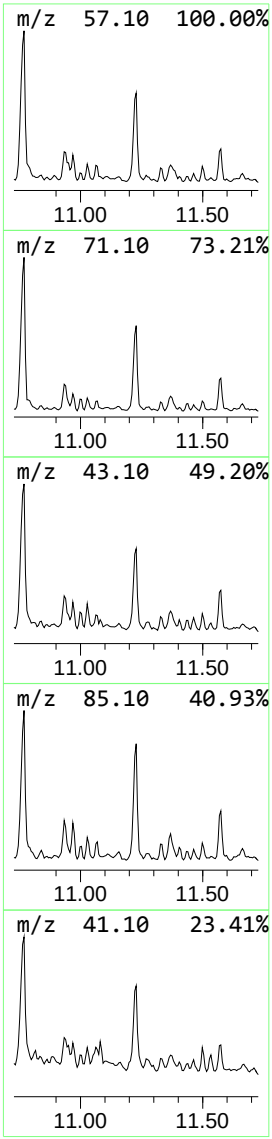
****

Peak Number 20 Dodecane, 1-iodo- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	38.87 ng	3255140	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
4	Decane, 3-methyl-	156	C11H24	013151-34-3	83
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
Data File : BF126525.D
Acq On : 6 Jan 2022 18:31
Operator : JU/CG
Sample : M5011-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.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
Pentane, 2,3,4-...	3.463	54.3	ng	10976300	1	6.798	4042990	20.0
Pentane, 2,3,3-...	3.610	50.7	ng	10245400	1	6.798	4042990	20.0
Heptane, 2-methyl-	3.816	44.6	ng	9024750	1	6.798	4042990	20.0
Heptane, 3-methyl-	3.957	47.1	ng	9517360	1	6.798	4042990	20.0
Hexane, 2,2,4-t...	4.110	54.0	ng	10911000	1	6.798	4042990	20.0
unknown4.434	4.434	38.9	ng	7853790	1	6.798	4042990	20.0
Heptane, 3,5-di...	4.940	37.7	ng	7617960	1	6.798	4042990	20.0
Benzene, (1-met...	5.981	66.4	ng	13414900	1	6.798	4042990	20.0
Benzene, propyl-	6.281	71.1	ng	14372900	1	6.798	4042990	20.0
Decane, 2,6,6-t...	6.316	41.5	ng	8390190	1	6.798	4042990	20.0
Benzene, 1,3-di...	7.063	40.0	ng	8094020	1	6.798	4042990	20.0
Benzene, 1,2,4,...	7.587	43.0	ng	8771790	2	8.087	4080060	20.0
Indan, 1-methyl-	7.769	53.4	ng	10893800	2	8.087	4080060	20.0
Benzene, 1,2,3,...	7.845	80.8	ng	16486000	2	8.087	4080060	20.0
Naphthalene, 2,...	9.434	46.9	ng	4694050	3	9.833	2002870	20.0
Naphthalene, 2,...	9.504	63.9	ng	6398930	3	9.833	2002870	20.0
3-Ethyl-2,6,10-...	9.569	55.7	ng	5574620	3	9.833	2002870	20.0
Heptacosane	10.492	42.1	ng	4211570	3	9.833	2002870	20.0
Sulfurous acid,...	10.769	62.5	ng	5232580	4	11.316	1675090	20.0
Dodecane, 1-iodo-	11.227	38.9	ng	3255140	4	11.316	1675090	20.0