LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126087.D
Acq On : 9 Nov 2021 18:10
Operator : JU/CG
Sample : M4576-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1-(12-12.5)

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-BF110321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126087.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.187	7	17	22	rVB	700877	934325	2.94%	0.146%
2	5.475	571	576	579	rBV	5449090	5331711	16.76%	0.831%
3	6.110	682	684	691	rVB3	467140	553654	1.74%	0.086%
4	6.192	696	698	702	rVB	680324	575333	1.81%	0.090%
5	6.298	711	716	719	rBV	753444	931611	2.93%	0.145%
6	6.339	719	723	725	rBV	841845	1008312	3.17%	0.157%
7	6.392	729	732	736	rBV2	1498004	2227864	7.00%	0.347%
8	6.481	740	747	750	rBV2	5053050	6278879	19.73%	0.979%
9	6.539	754	757	759	rBV	723891	817335	2.57%	0.127%
10	6.563	759	761	764	rVB3	478977	438777	1.38%	0.068%
11	6.604	764	768	772	rBV3	1520266	2365919	7.44%	0.369%
12	6.663	776	778	782	rVB	688597	630736	1.98%	0.098%
13	6.722	782	788	791	rBV3	1334811	2149077	6.75%	0.335%
14	6.751	791	793	795	rBV	521421	576729	1.81%	0.090%
15	6.810	797	803	805	rBV4	838220	1474996	4.64%	0.230%
16	6.857	805	811	812	rBV3	2437892	3352000	10.53%	0.522%
17	6.886	812	816	819	rVB	4533128	5799211	18.23%	0.904%
18	6.928	819	823	826	rBV3	2292598	2841831	8.93%	0.443%
19	7.016	826	838	842	rBV	6020652	13463260	42.31%	2.098%
20	7.104	847	853	855	rBV2	1984984	3489719	10.97%	0.544%
21	7.151	855	861	865	rBV3	5702633	12415595	39.02%	1.935%
22	7.222	869	873	876	rVB	7053320	8122234	25.53%	1.266%
23	7.269	876	881	885	rBV	14421423	18936662	59.51%	2.951%
24	7.416	900	906	910	rBV3	8969059	17334860	54.48%	2.702%
25	7.457	910	913	919	rVV2	4755957	8550811	26.87%	1.333%
26	7.516	919	923	928	rVB4	7413544	13681673	43.00%	2.132%
27	7.598	928	937	941	rBV5	6652270	17101081	53.74%	2.665%
28	7.686	945	952	956	rVB4	12143071	27675197	86.98%	4.313%
29	7.786	960	969	971	rBV4	12712348	24715051	77.67%	3.852%
30	7.810	971	973	976	rVV2	10154756	9799113	30.80%	1.527%
31	7.857	976	981	984	rVV3	9884608	19098278	60.02%	2.976%
32	7.886	984	986	989	rVB	8083028	7885034	24.78%	1.229%
33	7.922	989	992	995	rBV2	4565852	6081914	19.11%	0.948%
34	7.969	995	1000	1002	rVV	9484194	12490023	39.25%	1.946%
35	7.992	1002	1004	1008	rVB3	3832603	4192934	13.18%	0.653%
36	8.051	1009	1014	1016	rBV2	5213431	7648893	24.04%	1.192%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126087.D
Acq On : 9 Nov 2021 18:10
Operator : JU/CG
Sample : M4576-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1-(12-12.5)

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-BF110321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.075	1016	1018	1021	rVB	3229404	2896040	9.10%	0.451%
38	8.151	1029	1031	1034	rVB3	5075725	5069098	15.93%	0.790%
39	8.239	1039	1046	1048	rVV	13077860	20167872	63.38%	3.143%
40	8.257	1048	1049	1056	rVB3	7225678	10677246	33.56%	1.664%
41	8.322	1057	1060	1062	rBV3	2745829	3139247	9.87%	0.489%
42	8.375	1065	1069	1071	rBV3	2885635	3720666	11.69%	0.580%
43	8.457	1076	1083	1089	rBV4	15747019	31819317	100.00%	4.959%
44	8.510	1089	1092	1094	rVB2	10059756	8520702	26.78%	1.328%
45	8.545	1095	1098	1101	rVB3	3101346	3283602	10.32%	0.512%
46	8.592	1101	1106	1108	rBV	17706094	22639847	71.15%	3.528%
47	8.704	1121	1125	1127	rBV3	3517482	4683830	14.72%	0.730%
48	8.745	1130	1132	1136	rVV3	3651213	4863504	15.28%	0.758%
49	8.786	1136	1139	1141	rVV3	3548668	4985614	15.67%	0.777%
50	8.839	1145	1148	1151	rVB2	6161422	6881140	21.63%	1.072%
51	8.869	1151	1153	1156	rVB4	812632	645035	2.03%	0.101%
52	8.904	1156	1159	1161	rVB2	1420033	1211860	3.81%	0.189%
53	8.927	1161	1163	1166	rBV2	3413716	3029575	9.52%	0.472%
54	9.022	1177	1179	1181	rVV	2742336	3169933	9.96%	0.494%
55	9.057	1183	1185	1190	rVB3	3577408	4262759	13.40%	0.664%
56	9.145	1197	1200	1201	rBV	1227396	1119103	3.52%	0.174%
57	9.169	1201	1204	1207	rVB	7259621	5889027	18.51%	0.918%
58	9.216	1208	1212	1215	rVB	7848143	7595234	23.87%	1.184%
59	9.257	1217	1219	1222	rVB	626672	542563	1.71%	0.085%
60	9.310	1223	1228	1231	rBV3	1915283	2535353	7.97%	0.395%
61	9.339	1231	1233	1236	rBV2	792392	626081	1.97%	0.098%
62	9.416	1243	1246	1248	rVB3	792771	827193	2.60%	0.129%
63	9.445	1249	1251	1256	rVV5	475654	779320	2.45%	0.121%
64	9.574	1271	1273	1276	rVB	568281	483901	1.52%	0.075%
65	9.616	1276	1280	1283	rVB2	3398423	4111121	12.92%	0.641%
66	9.763	1302	1305	1308	rBV3	584277	624503	1.96%	0.097%
67	9.804	1308	1312	1315	rVB3	695287	797517	2.51%	0.124%
68	9.892	1323	1327	1330	rVB	2472122	2316744	7.28%	0.361%
69	10.639	1451	1454	1456	rBV	1242932	1115882	3.51%	0.174%
70	10.674	1456	1460	1463	rVB	4791588	4293754	13.49%	0.669%
71	10.810	1479	1483	1487	rBV	6122703	5914491	18.59%	0.922%
72	10.869	1487	1493	1495	rVV	8737360	10188845	32.02%	1.588%
73	10.904	1495	1499	1502	rVV2	11746549	14788995	46.48%	2.305%
74	10.933	1502	1504	1507	rVV2	11291948	11882109	37.34%	1.852%
75	10.963	1507	1509	1511	rVV	7915110	5980718	18.80%	0.932%
76	10.998	1511	1515	1517	rVV2	4459042	7813564	24.56%	1.218%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
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Acq On : 9 Nov 2021 18:10
Operator : JU/CG
Sample : M4576-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1-(12-12.5)

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-BF110321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.016	1517	1518	1520	rVV	5504403	3175487	9.98%	0.495%
78	11.051	1520	1524	1527	rVV3	10655163	12983587	40.80%	2.023%
79	11.086	1527	1530	1532	rVV	10000403	10423399	32.76%	1.624%
80	11.127	1535	1537	1540	rVB2	7450771	5569450	17.50%	0.868%
81	11.198	1545	1549	1551	rBV	785894	791595	2.49%	0.123%
82	11.263	1557	1560	1563	rVV	852436	813880	2.56%	0.127%
83	11.374	1576	1579	1583	rVB	2050435	1709508	5.37%	0.266%
84	12.957	1844	1848	1852	rBV	5430409	5124316	16.10%	0.799%
85	14.009	2022	2027	2033	rVB2	1153348	1384420	4.35%	0.216%
86	14.692	2140	2143	2149	rVB	708140	732954	2.30%	0.114%
87	14.868	2170	2173	2178	rVB	840414	863819	2.71%	0.135%
88	15.474	2272	2276	2282	rVB	773754	950027	2.99%	0.148%
89	16.227	2392	2404	2424	rVV2	13414851	31470031	98.90%	4.904%
90	16.433	2425	2439	2442	rVV3	8511384	23291690	73.20%	3.630%
91	16.468	2442	2445	2461	rVB	4339789	6947514	21.83%	1.083%
92	16.662	2471	2478	2483	rBV3	1177742	2096563	6.59%	0.327%
93	16.780	2492	2498	2509	rVB3	624404	1568029	4.93%	0.244%
94	16.939	2520	2525	2531	rBV4	401707	903894	2.84%	0.141%
95	17.145	2549	2560	2565	rBV	4069114	8597346	27.02%	1.340%
96	17.321	2582	2590	2604	rBV2	2665381	6700923	21.06%	1.044%
97	17.592	2624	2636	2643	rBV4	1567170	4925478	15.48%	0.768%
98	17.662	2643	2648	2657	rVV4	643978	1779290	5.59%	0.277%
99	17.750	2658	2663	2673	rVB4	516479	1368939	4.30%	0.213%
100	18.562	2795	2801	2810	rVB5	262744	635994	2.00%	0.099%

Sum of corrected areas: 641671670

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126087.D
Acq On : 9 Nov 2021 18:10
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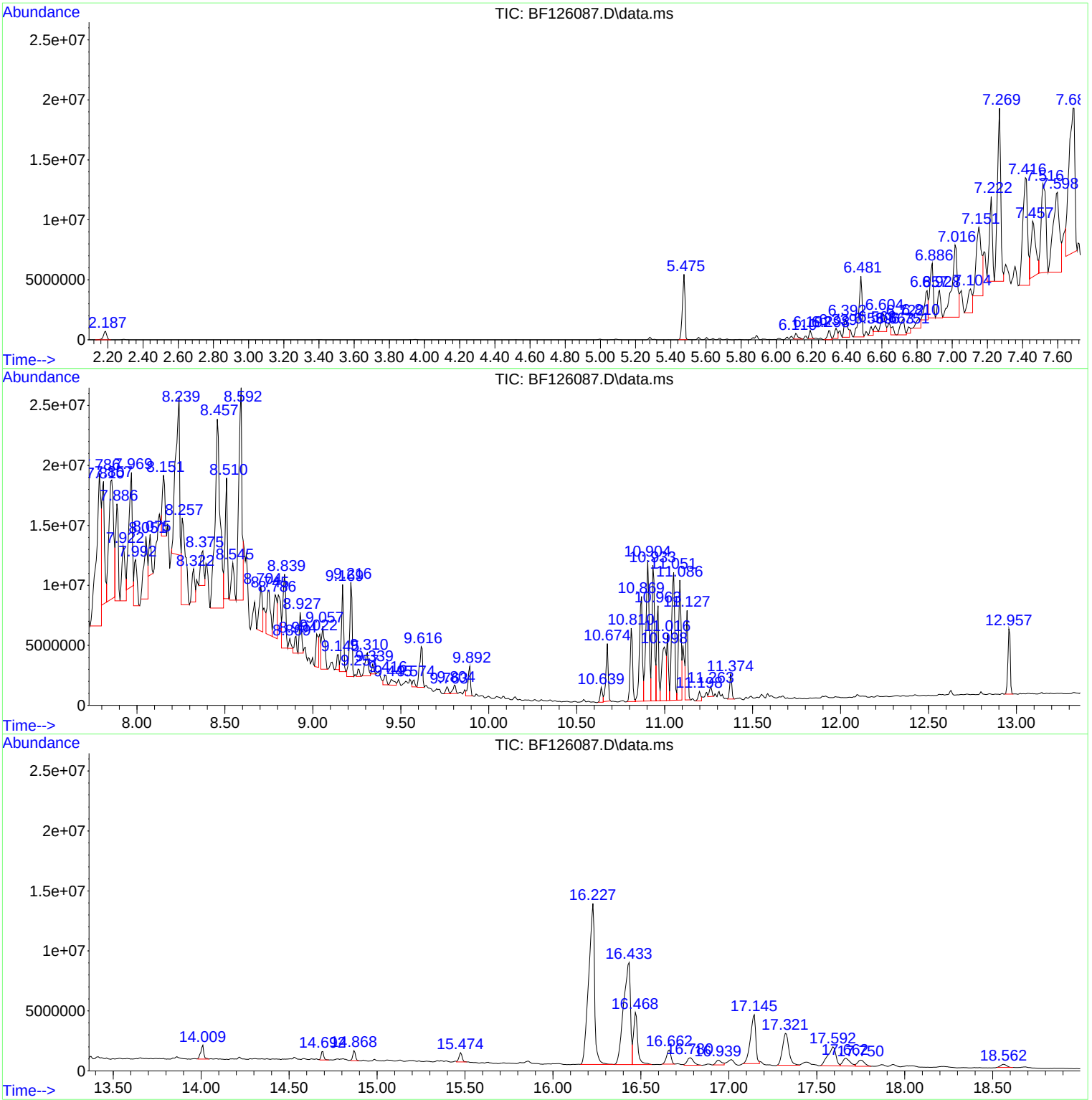
Sample : M4576-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1-(12-12.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.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\BF110921\
Data File : BF126087.D
Acq On : 9 Nov 2021 18:10
Operator : JU/CG
Sample : M4576-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1-(12-12.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

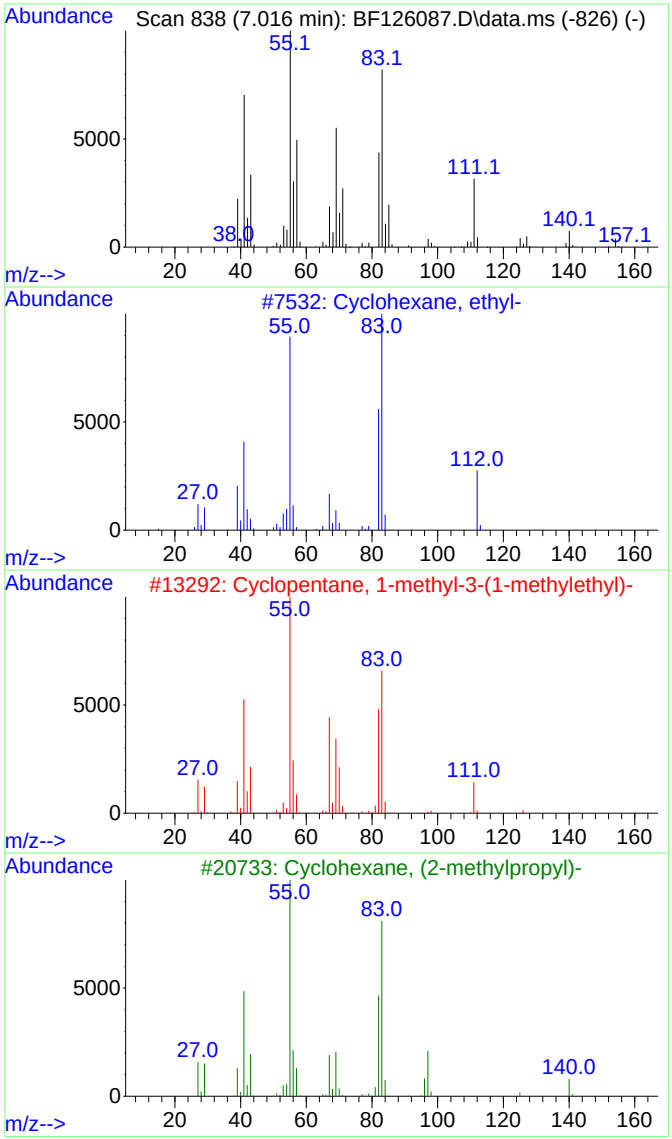
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

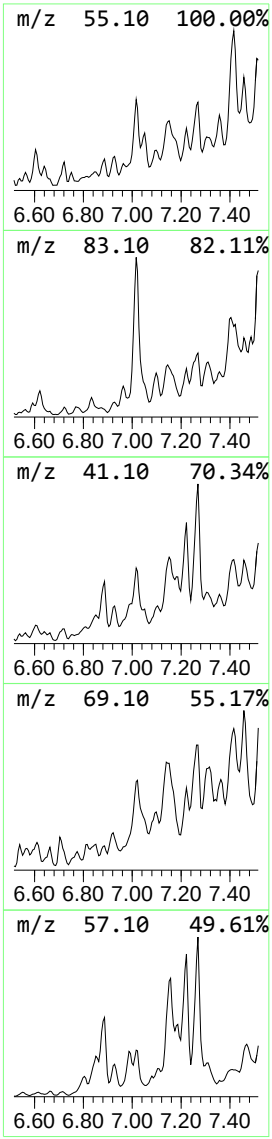
****

Peak Number 1 Cyclohexane, ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.016	80.33 ng	13463300	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	58
2	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	58
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	58
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	52
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126087.D
Acq On : 9 Nov 2021 18:10
Operator : JU/CG
Sample : M4576-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1-(12-12.5)

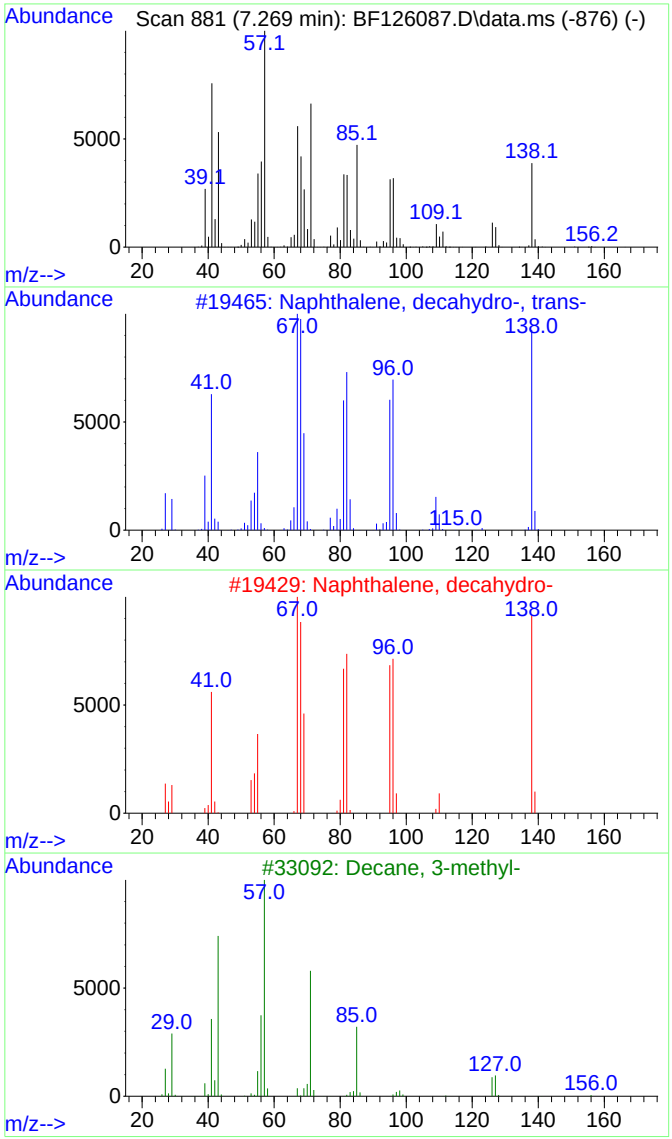
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

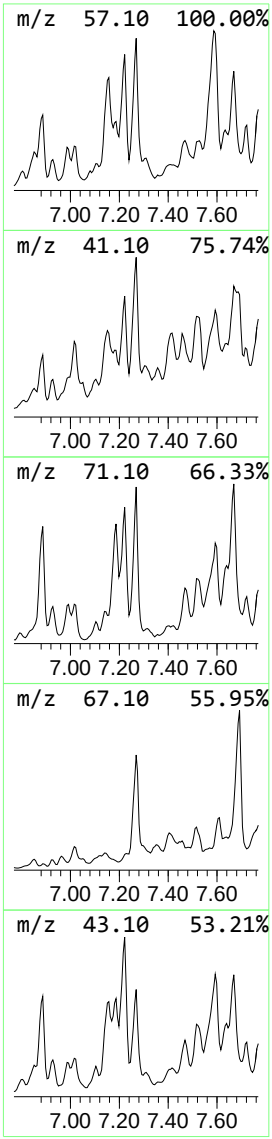
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, decahydro-, tr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.269	112.99 ng	18936700	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	90
3	Decane, 3-methyl-	156	C11H24	013151-34-3	52
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	46
5	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126087.D
Acq On : 9 Nov 2021 18:10
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1-(12-12.5)

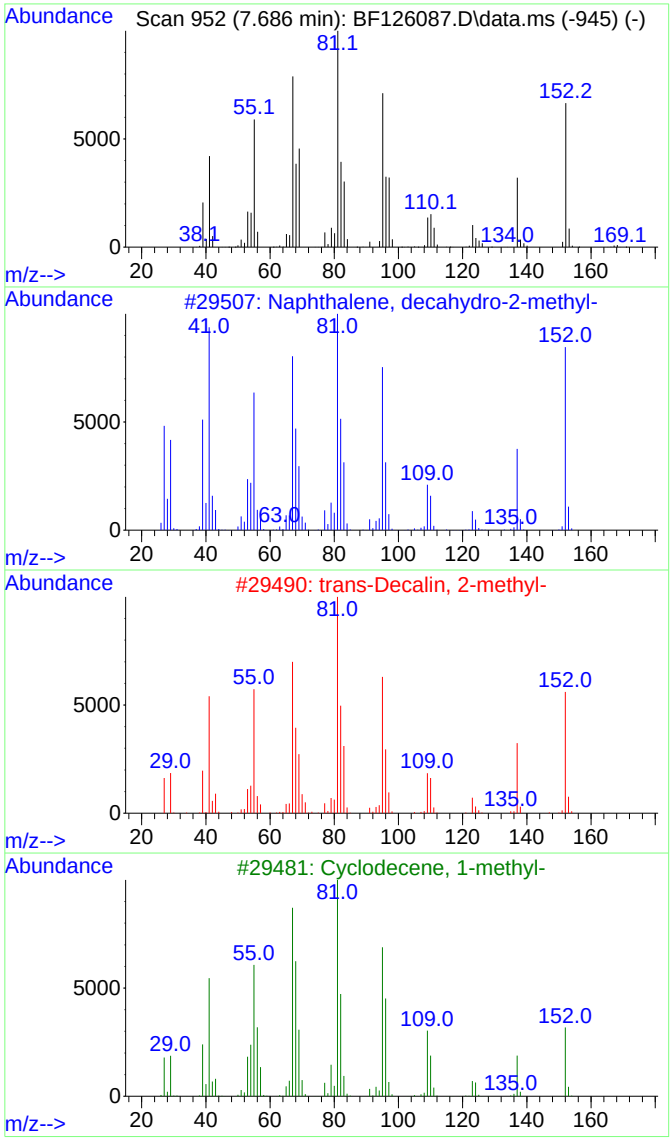
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

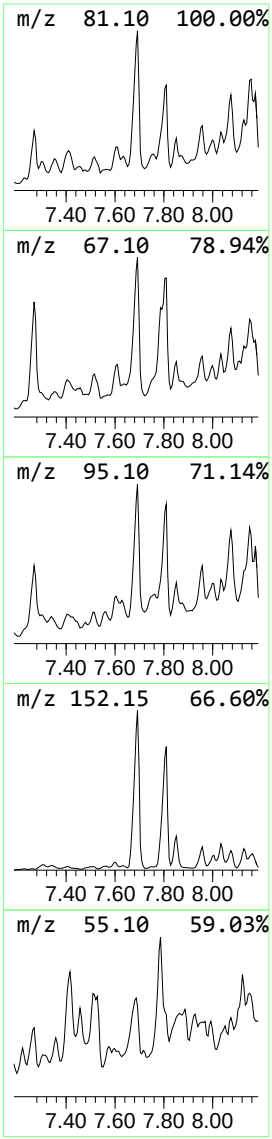
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, decahydro-2-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.686	109.19 ng	27675200	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	96
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	95
3	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	86
4	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	76
5	Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126087.D
Acq On : 9 Nov 2021 18:10
Operator : JU/CG
Sample : M4576-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1-(12-12.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

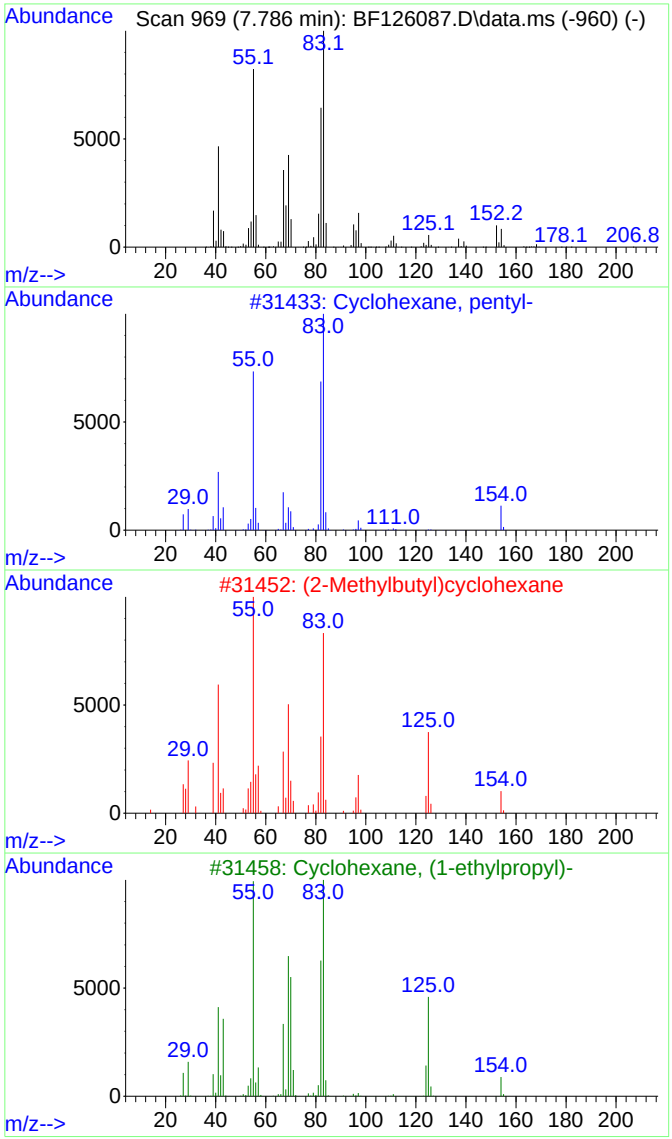
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

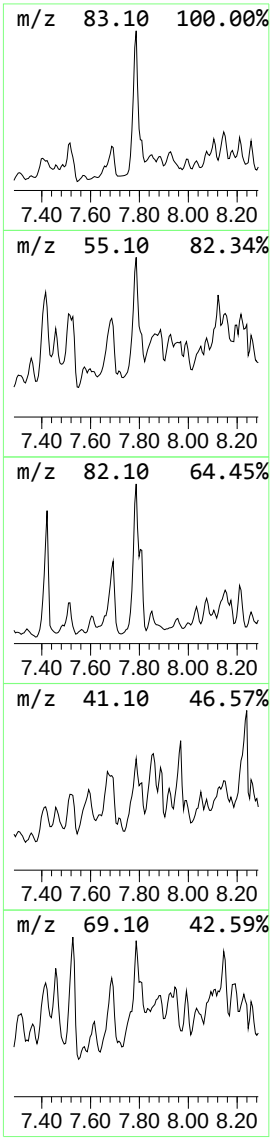
****

Peak Number 4 Cyclohexane, pentyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.786	97.51 ng	24715100	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	76
2	(2-Methylbutyl)cyclohexane	154	C11H22	054105-77-0	70
3	Cyclohexane, (1-ethylpropyl)-	154	C11H22	026321-98-2	64
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126087.D
Acq On : 9 Nov 2021 18:10
Operator : JU/CG
Sample : M4576-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1-(12-12.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

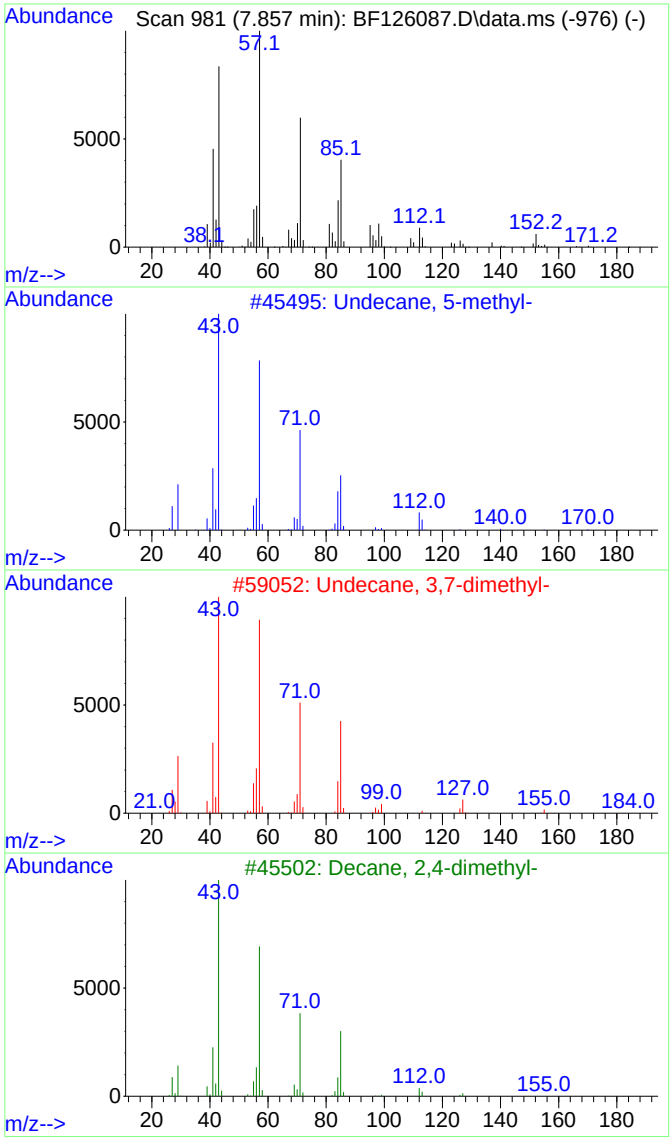
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

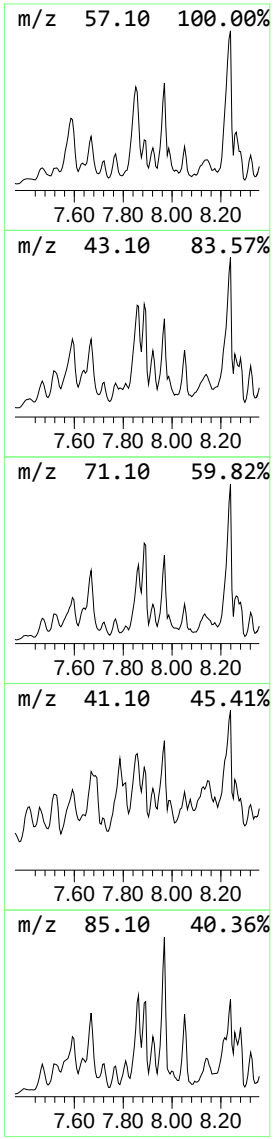
****

Peak Number 5 Undecane, 5-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.857	75.35 ng	19098300	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	81
2	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	59
3	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	59
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	58
5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	52





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Acq On : 9 Nov 2021 18:10
Operator : JU/CG
Sample : M4576-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-1-(12-12.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

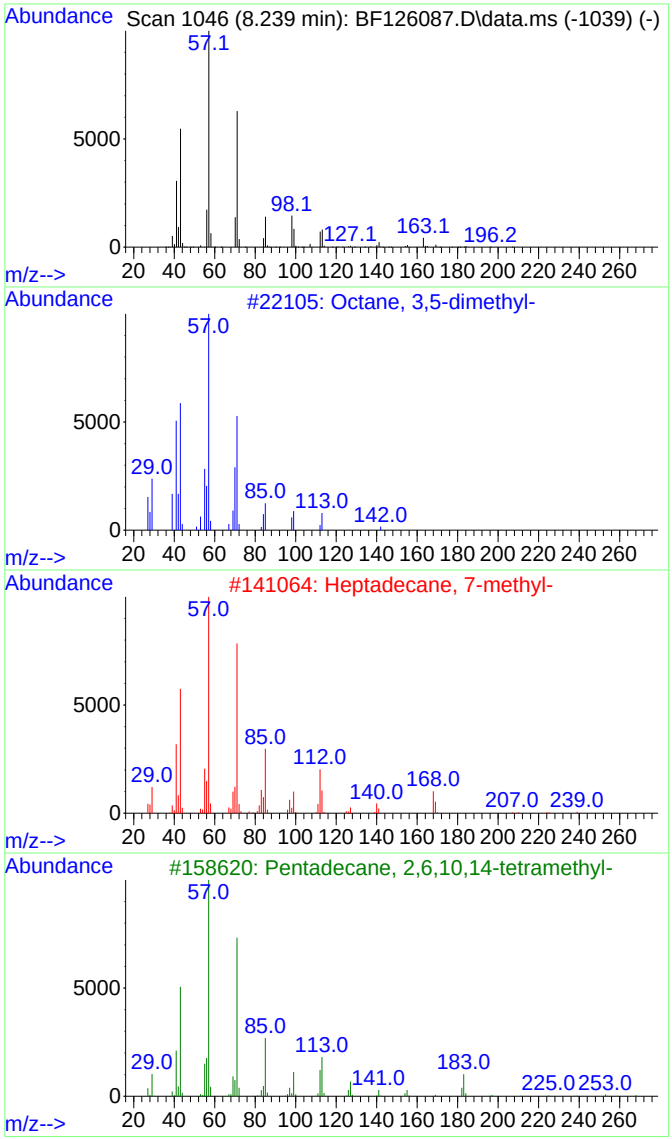
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

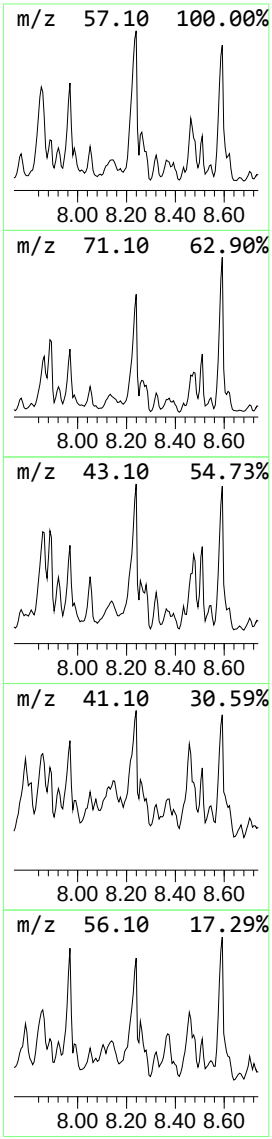
****

Peak Number 6 Octane, 3,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.239	79.57 ng	20167900	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	80
2	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	68
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	62





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Operator : JU/CG
Sample : M4576-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-1-(12-12.5)

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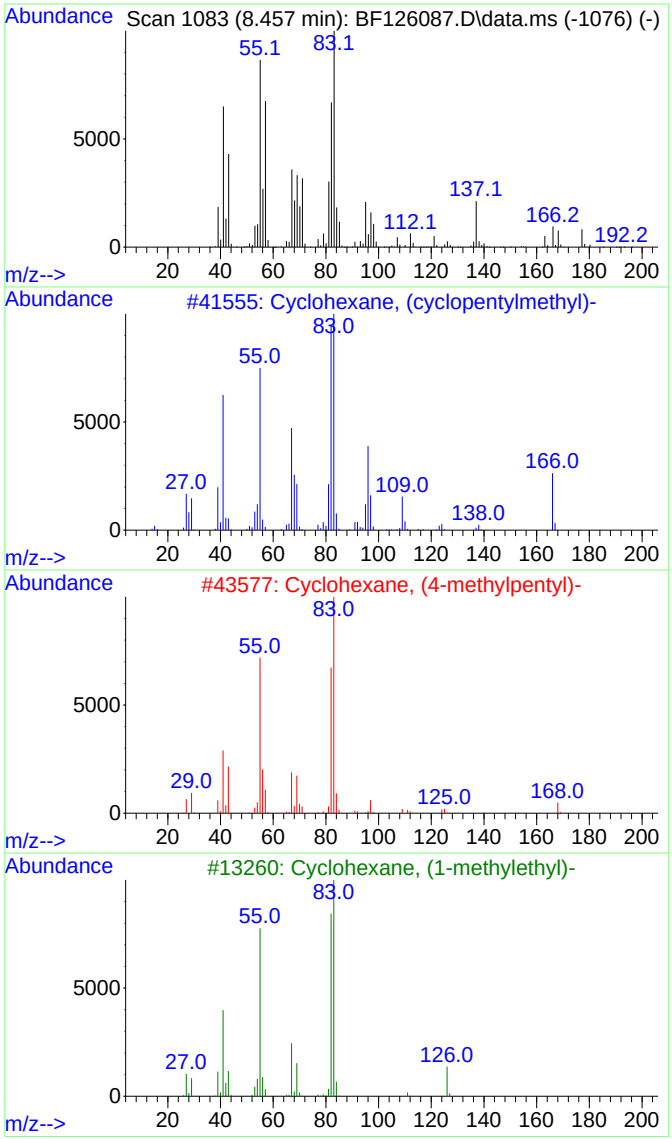
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

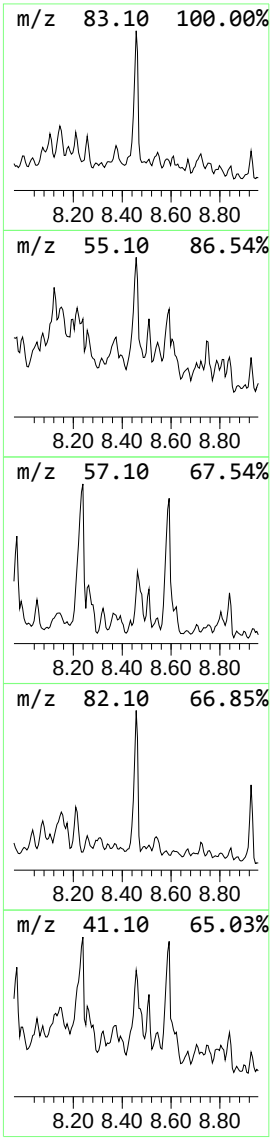
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexane, (cyclopentylme... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.457	125.54 ng	31819300	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (cyclopentylmethyl)-	166	C12H22	004431-89-4	52
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	47
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	46
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	43
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	43





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Sample : M4576-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1-(12-12.5)

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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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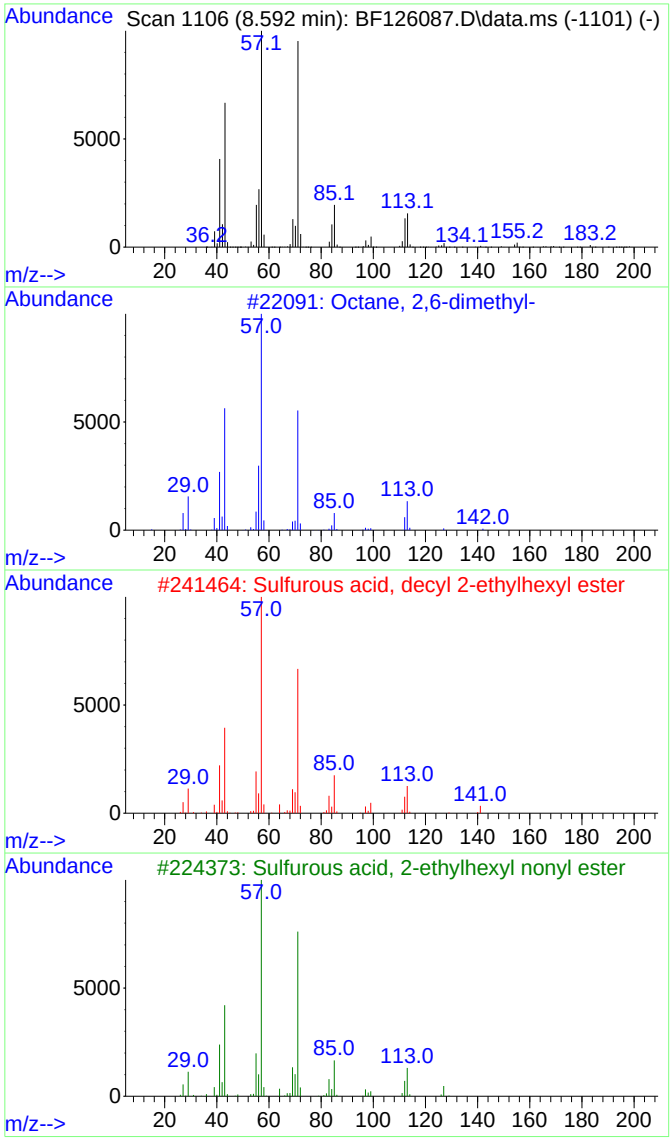
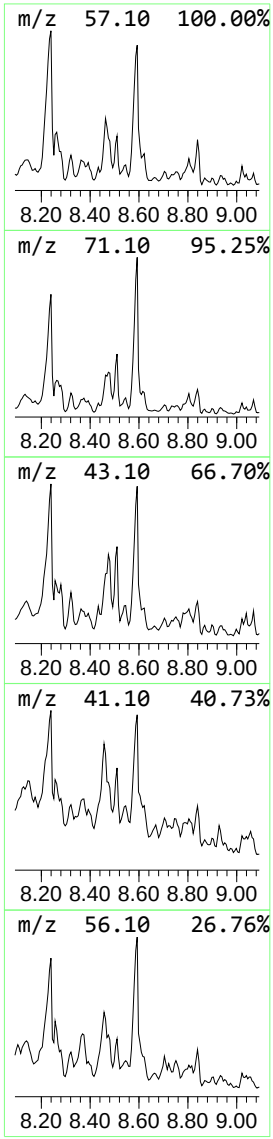
Peak Number 8 Octane, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.592	89.33 ng	22639800	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	80
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80
4	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64





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Sample : M4576-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-1-(12-12.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.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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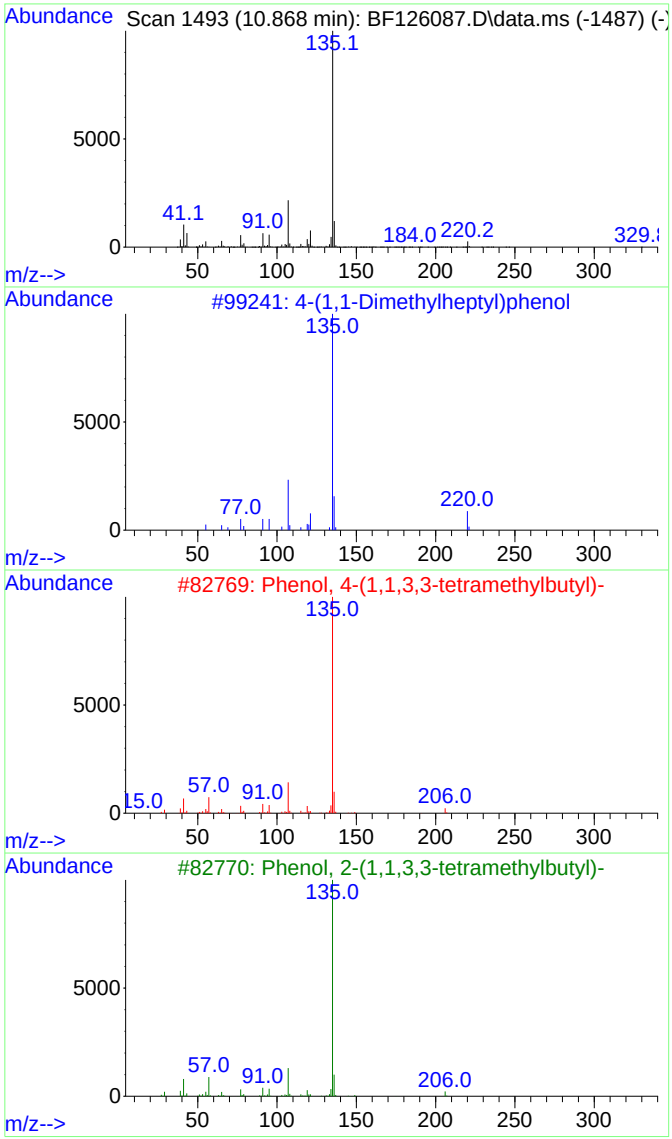
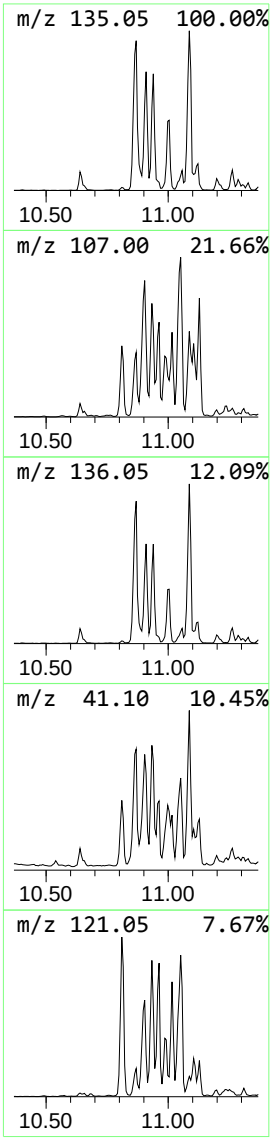
Peak Number 9 4-(1,1-Dimethylheptyl)phenol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.868	119.20 ng	10188800	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(1,1-Dimethylheptyl)phenol	220	C15H24O	1000384-80-3	91
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	90
3	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	90
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	78
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78





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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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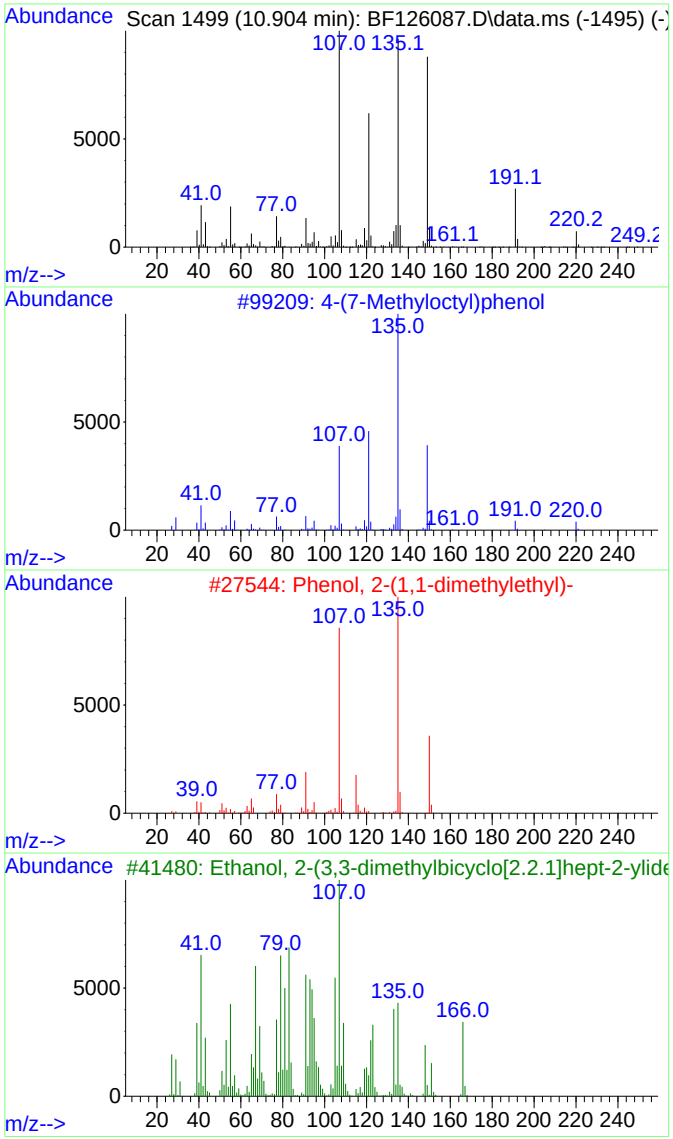
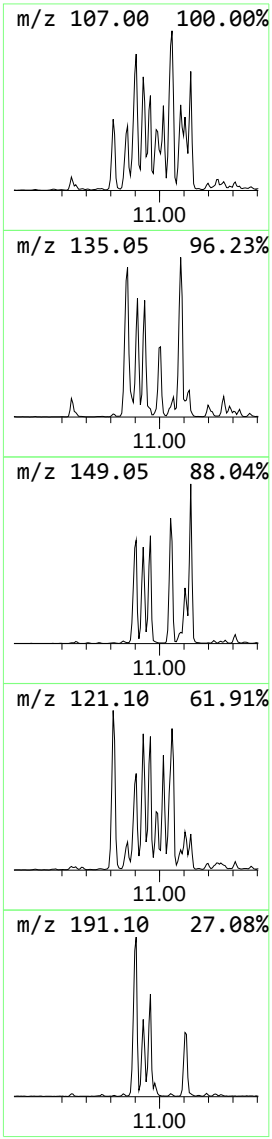
Peak Number 10 unknown10.904 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.904	173.02 ng	14789000	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	50
2	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	46
3	Ethanol, 2-(3,3-dimethylbicyclo[...	166	C11H18O	002226-05-3	38
4	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	25
5	2-tert-Butyl-6-methylphenol, 2-m...	220	C15H24O	1000395-19-4	25





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

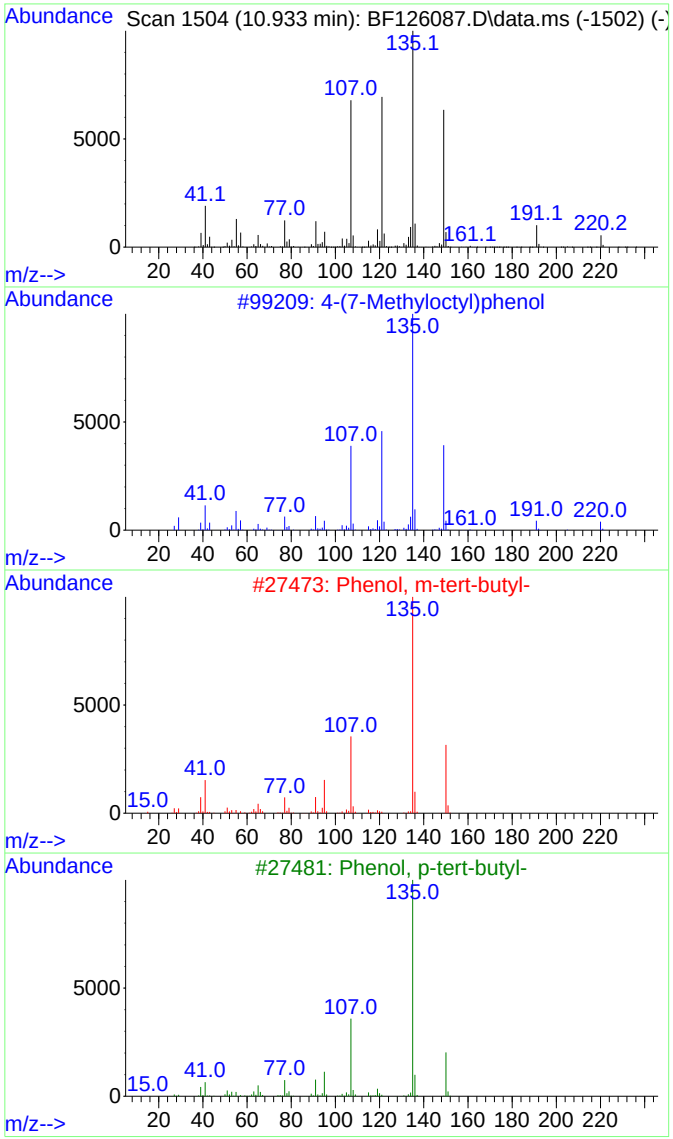
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

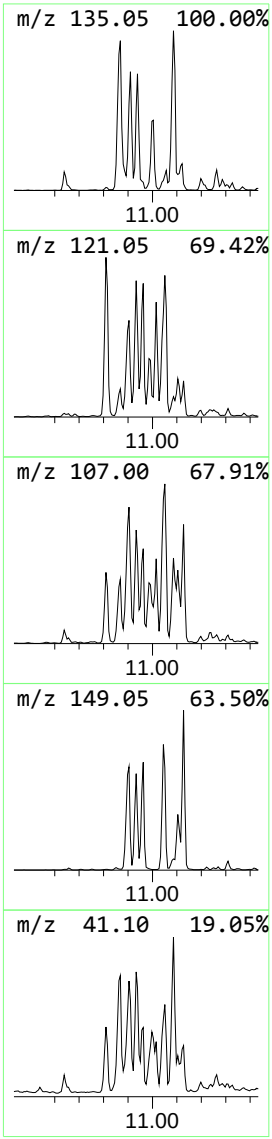
****

Peak Number 11 4-(7-Methyloctyl)phenol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.933	139.01 ng	11882100	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	97
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	60
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	58
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	50
5	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	49





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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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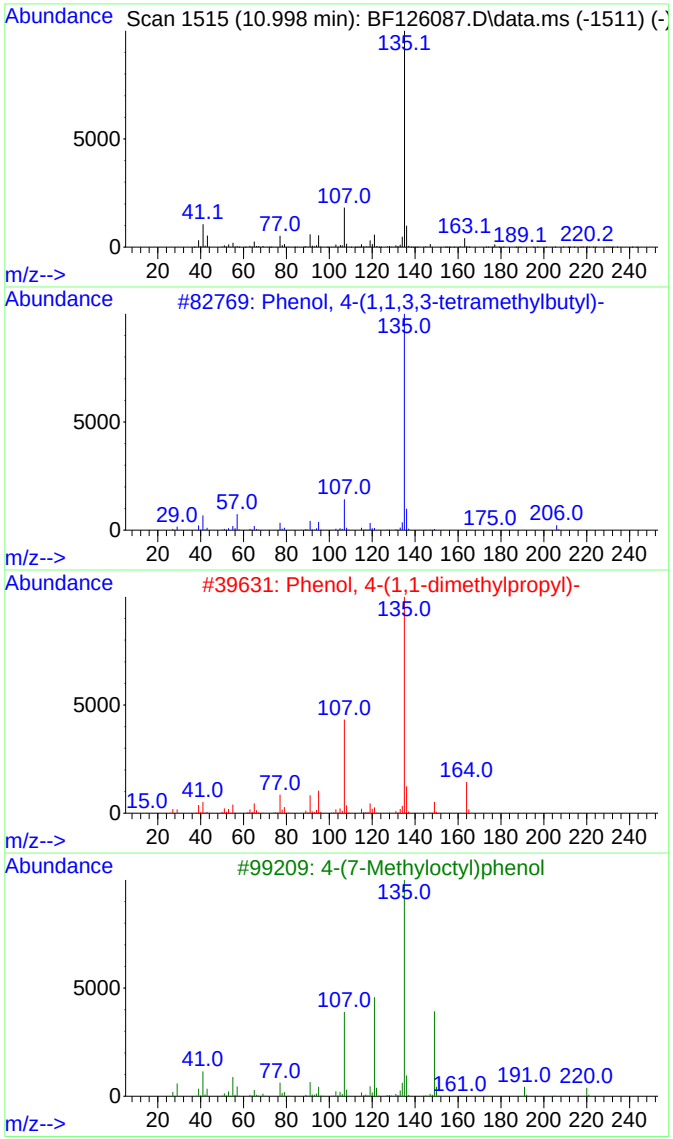
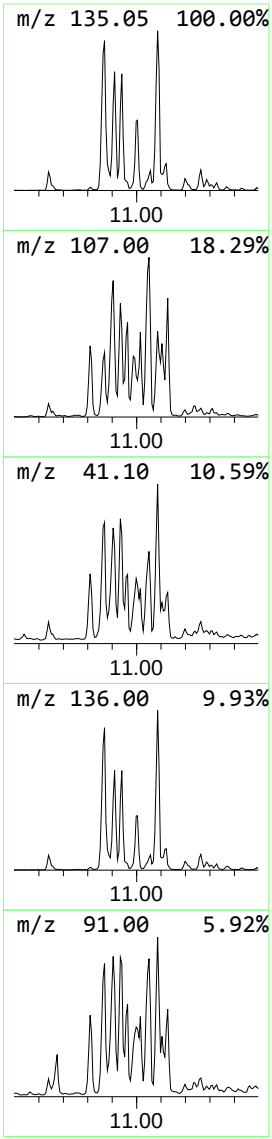
Peak Number 12 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.998	91.41 ng	7813560	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	80
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
3	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	72
4	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	72
5	1,4-Benzenediamine, N-(1-methylh...	220	C14H24N2	039563-50-3	72





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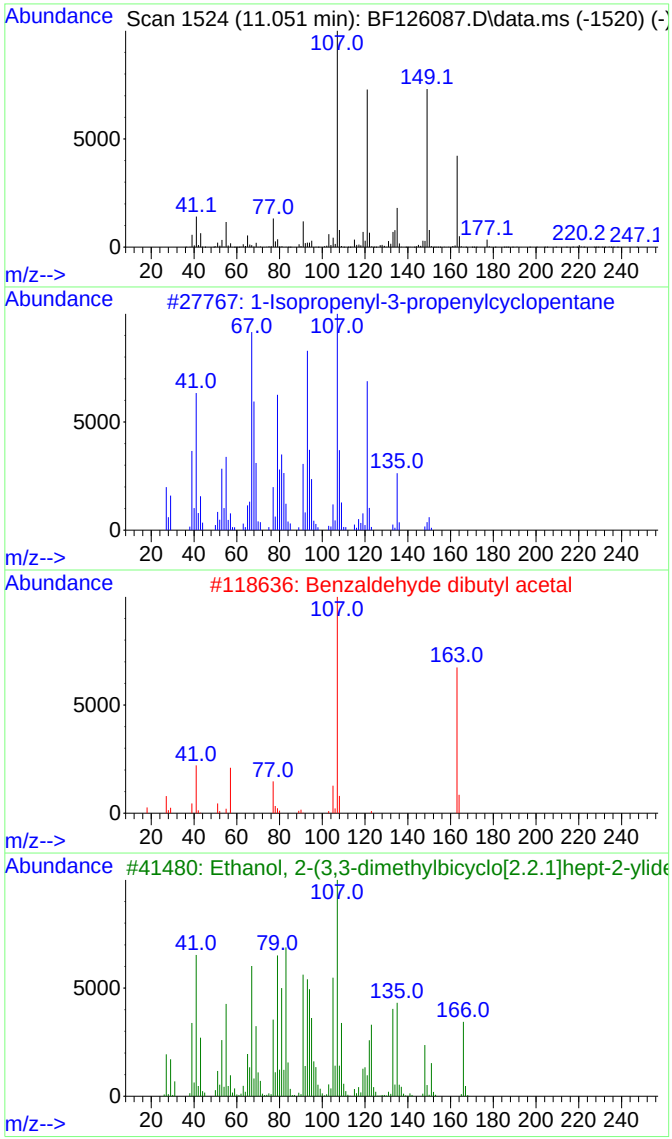
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

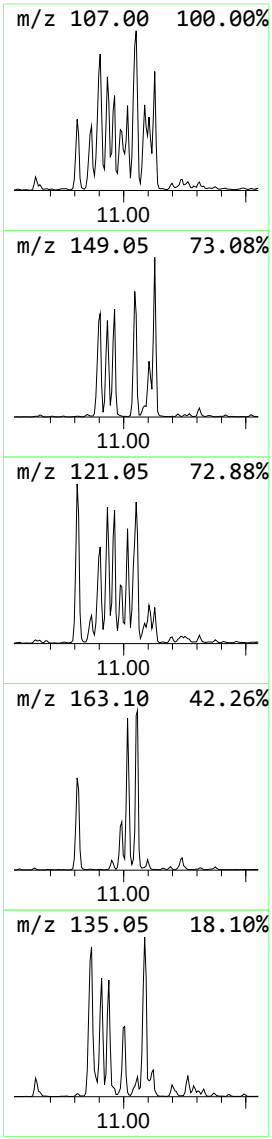
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1-Isopropenyl-3-propenylcyc... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.051	151.90 ng	12983600	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenyl-3-propenylcyclopen...	150	C11H18	1000192-81-2	50
2	Benzaldehyde dibutyl acetal	236	C15H24O2	1000431-61-9	47
3	Ethanol, 2-(3,3-dimethylbicyclo[...	166	C11H18O	002226-05-3	42
4	Silane, 1,3-butadiynyltrimethyl-	122	C7H10Si	004526-06-1	30
5	3-Amino-4-[4-hydroxyphenyl]butanool	181	C10H15NO2	1000251-64-2	27





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Sample : M4576-01
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Instrument :
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ClientSampleId :
SB-1-(12-12.5)

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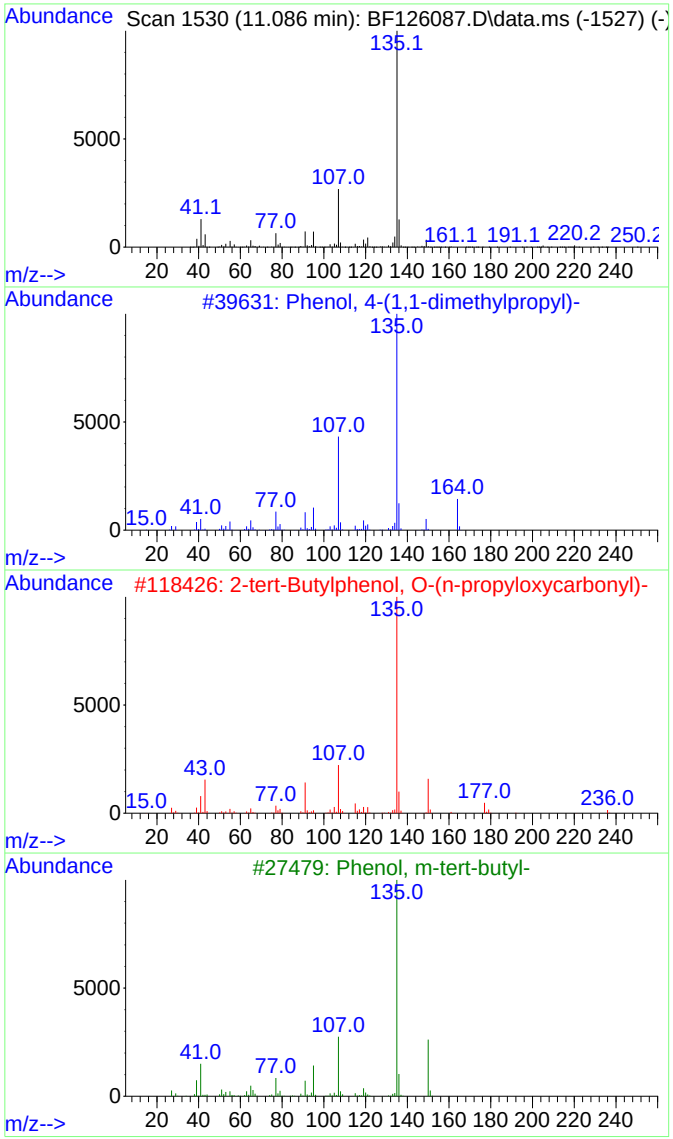
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

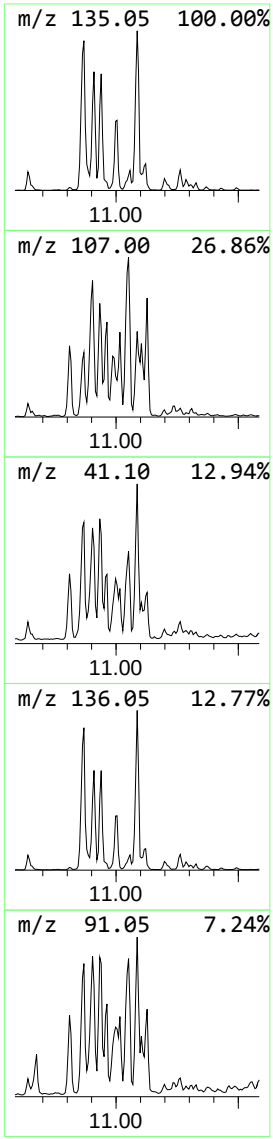
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenol, 4-(1,1-dimethylprop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.086	121.95 ng	10423400	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	90
2	2-tert-Butylphenol, O-(n-propylo...	236	C14H20O3	1000487-37-9	78
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	72
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
5	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	64





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ClientSampleId :
SB-1-(12-12.5)

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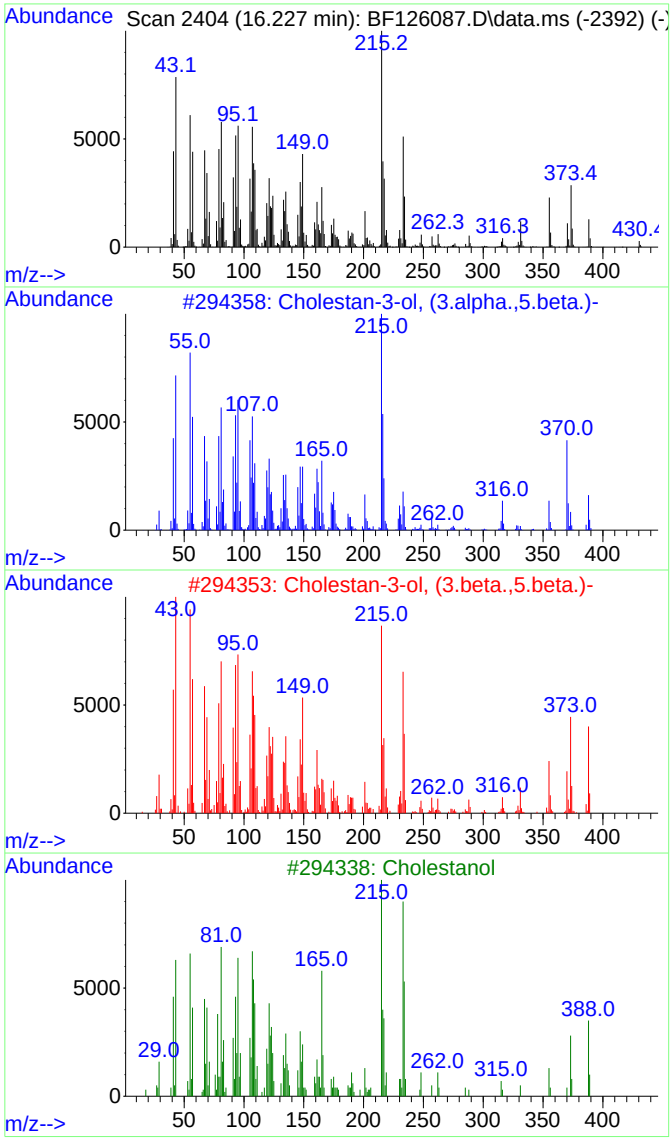
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

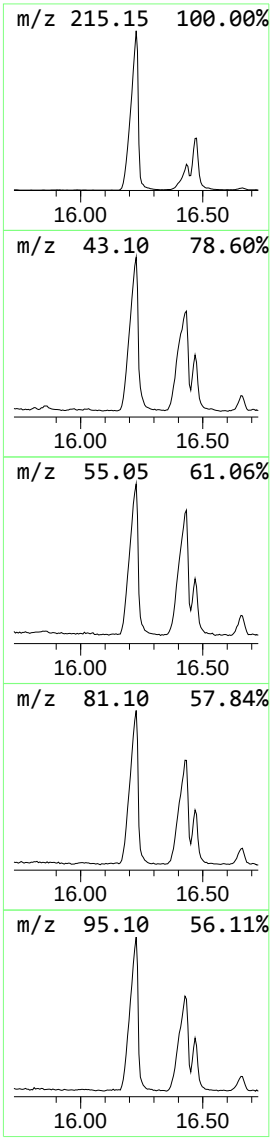
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cholestan-3-ol, (3.alpha.,5... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.227	662.51 ng	31470000	Perylene-d12	15.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-ol, (3.alpha.,5.beta.)-	388	C27H48O	000516-92-7	83
2	Cholestan-3-ol, (3.beta.,5.beta.)-	388	C27H48O	000360-68-9	76
3	Cholestanol	388	C27H48O	000080-97-7	55
4	5-.beta.-cholestan-3.alpha.-ol, ...	416	C28H48O2	1010368-37-5	53
5	5.beta.-Cholestan-3.alpha.-ol, 2...	458	C31H54O2	1000514-95-7	50





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ClientSampleId :
SB-1-(12-12.5)

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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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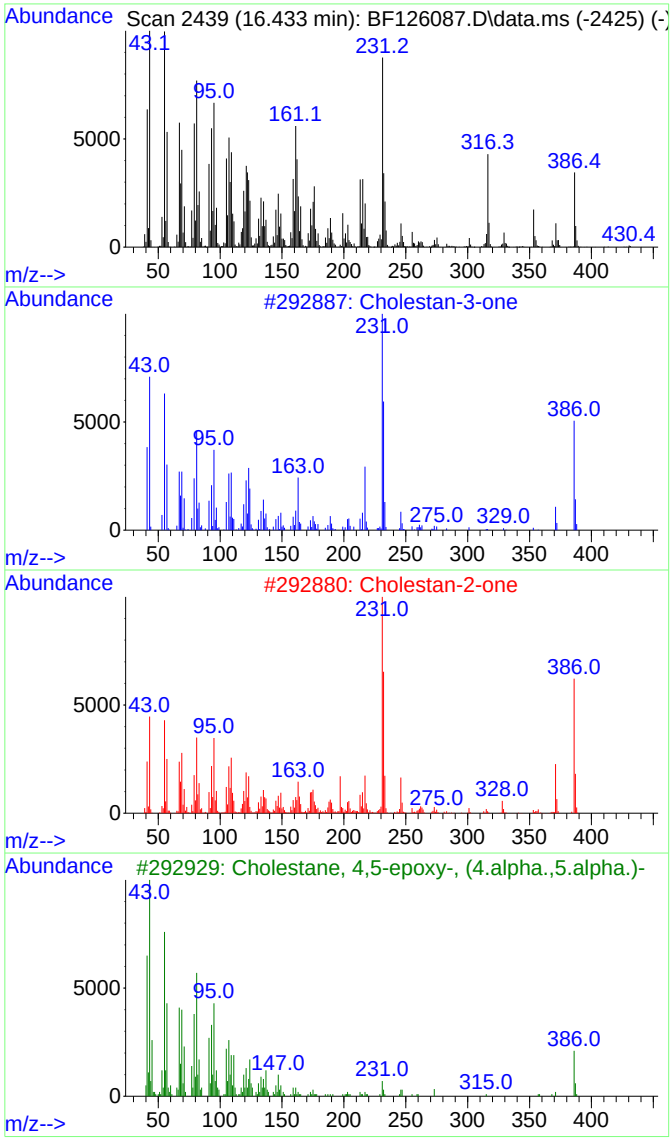
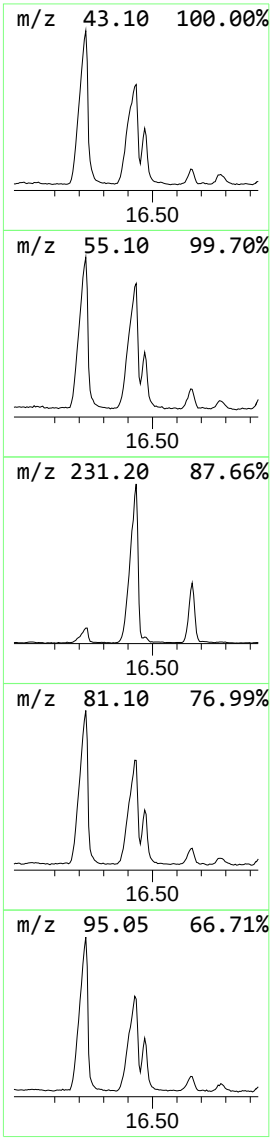
Peak Number 16 Cholestan-3-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.433	490.34 ng	23291700	Perylene-d12	15.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-one	386	C27H46O	015600-08-5	95
2	Cholestan-2-one	386	C27H46O	1010210-43-4	60
3	Cholestane, 4,5-epoxy-, (4.alpha...	386	C27H46O	006079-19-2	46
4	Cholestan-3-one, (5.beta.)-	386	C27H46O	000601-53-6	45
5	Bacchabolivic acid	316	C20H28O3	120837-97-0	44





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Data File : BF126087.D
Acq On : 9 Nov 2021 18:10
Operator : JU/CG
Sample : M4576-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1-(12-12.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.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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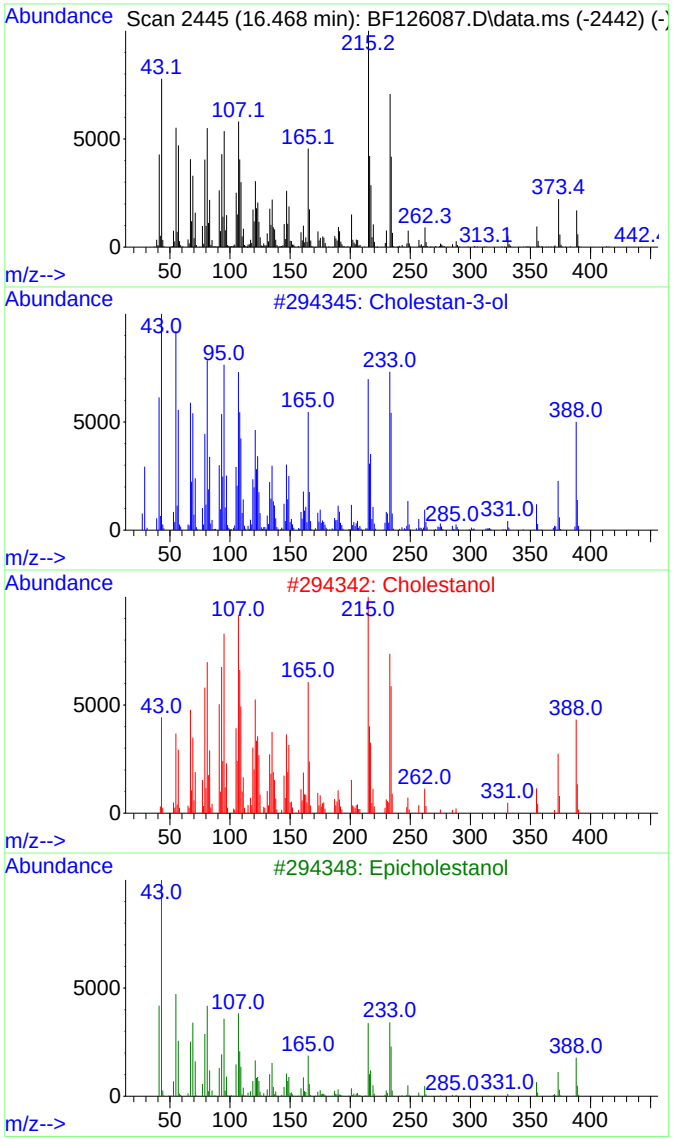
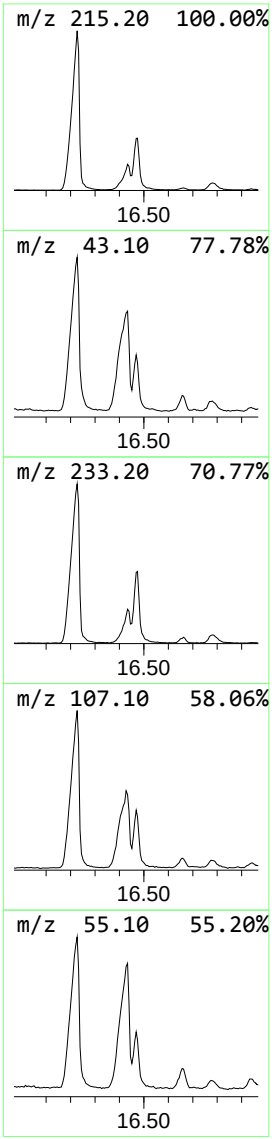
Peak Number 17 Cholestan-3-ol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.468	146.26 ng	6947510	Perylene-d12	15.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-ol	388	C27H48O	027409-41-2	99
2	Cholestanol	388	C27H48O	000080-97-7	97
3	Epicholestanol	388	C27H48O	000516-95-0	96
4	Cholestan-3-ol, (3.beta.,5.beta.)-	388	C27H48O	000360-68-9	55
5	4-Cholestanol	388	C27H48O	1000210-30-1	41





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Acq On : 9 Nov 2021 18:10
Operator : JU/CG
Sample : M4576-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1-(12-12.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.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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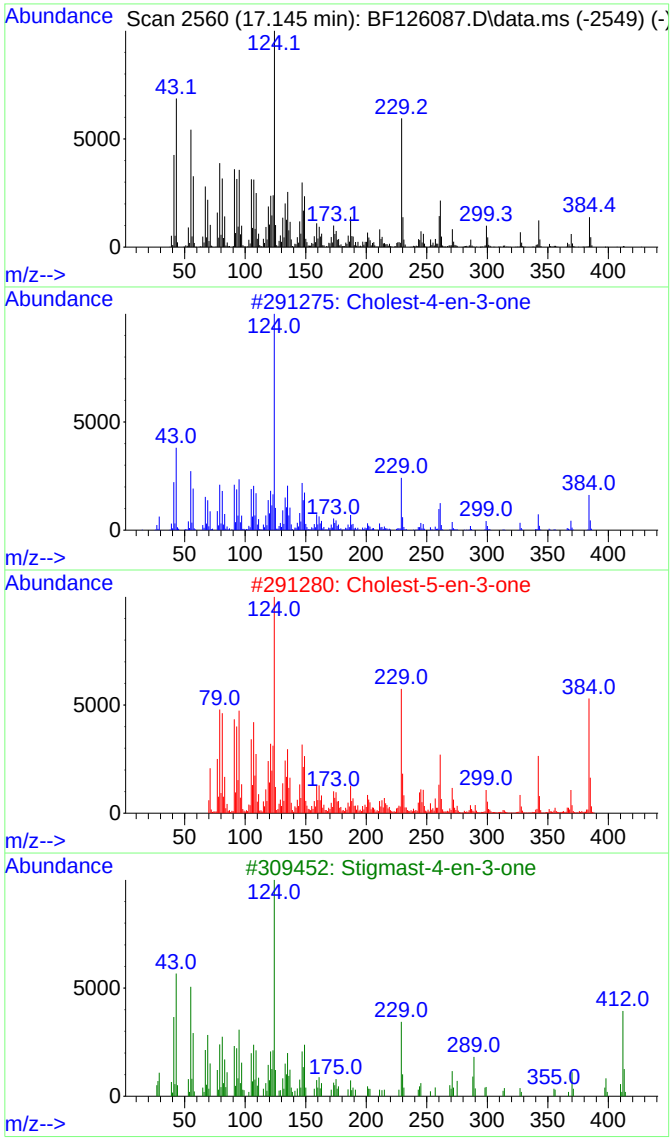
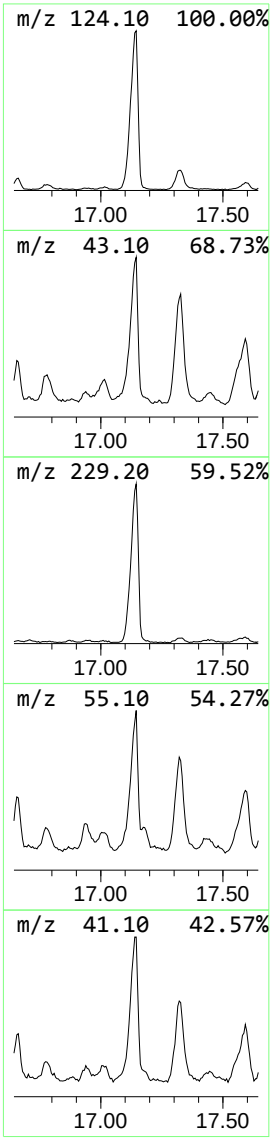
Peak Number 18 Cholest-4-en-3-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.145	180.99 ng	8597350	Perylene-d12	15.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholest-4-en-3-one	384	C27H44O	000601-57-0	99
2	Cholest-5-en-3-one	384	C27H44O	000601-54-7	90
3	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	58
4	5.alpha.-Ergost-8(14)-ene	384	C28H48	006673-69-4	42
5	Androst-5-en-3-one, 4,4-dimethyl-	300	C21H32O	005062-43-1	41





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Operator : JU/CG
Sample : M4576-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1-(12-12.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.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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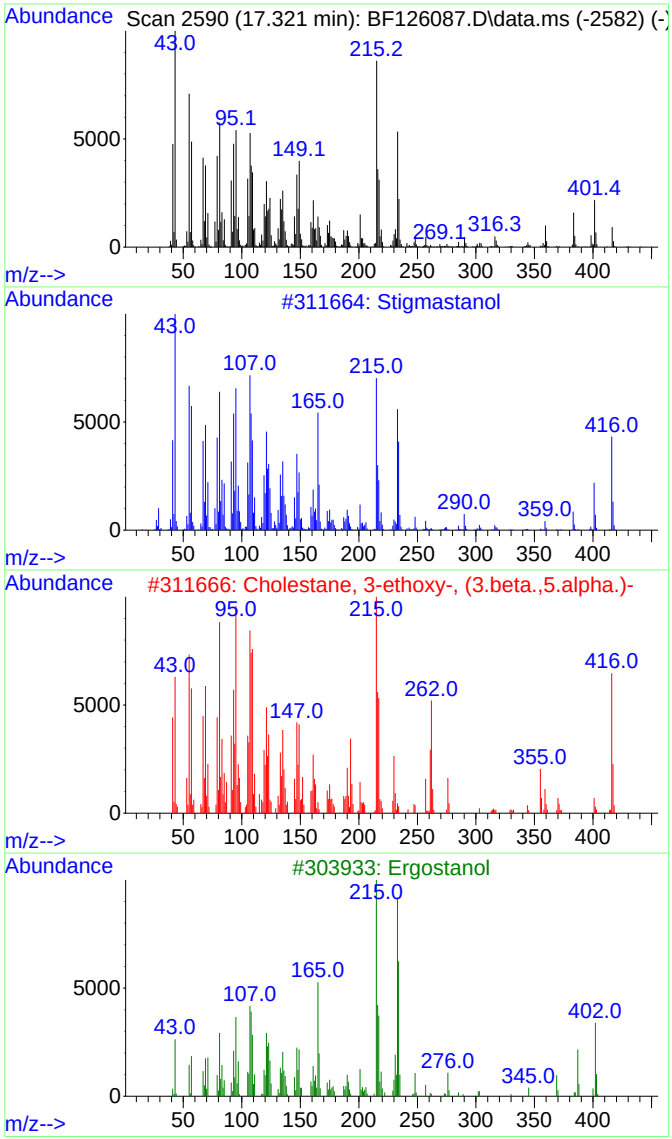
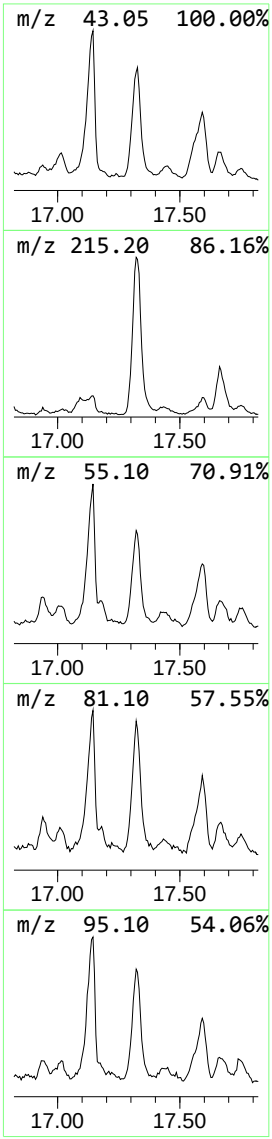
Peak Number 19 Stigmastanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.321	141.07 ng	6700920	Perylene-d12	15.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmastanol	416	C29H52O	019466-47-8	50
2	Cholestane, 3-ethoxy-, (3.beta.,...	416	C29H52O	002089-02-3	50
3	Ergostanol	402	C28H50O	006538-02-9	47
4	2,3-Dichlorothiophene-5-sulfonyl...	250	C4HCl3O2S2	126714-85-0	30
5	Thiazolidine-5-carboxylic acid, ...	287	C10H10BrNO2S	1000267-68-3	25





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Data File : BF126087.D
Acq On : 9 Nov 2021 18:10
Operator : JU/CG
Sample : M4576-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1-(12-12.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.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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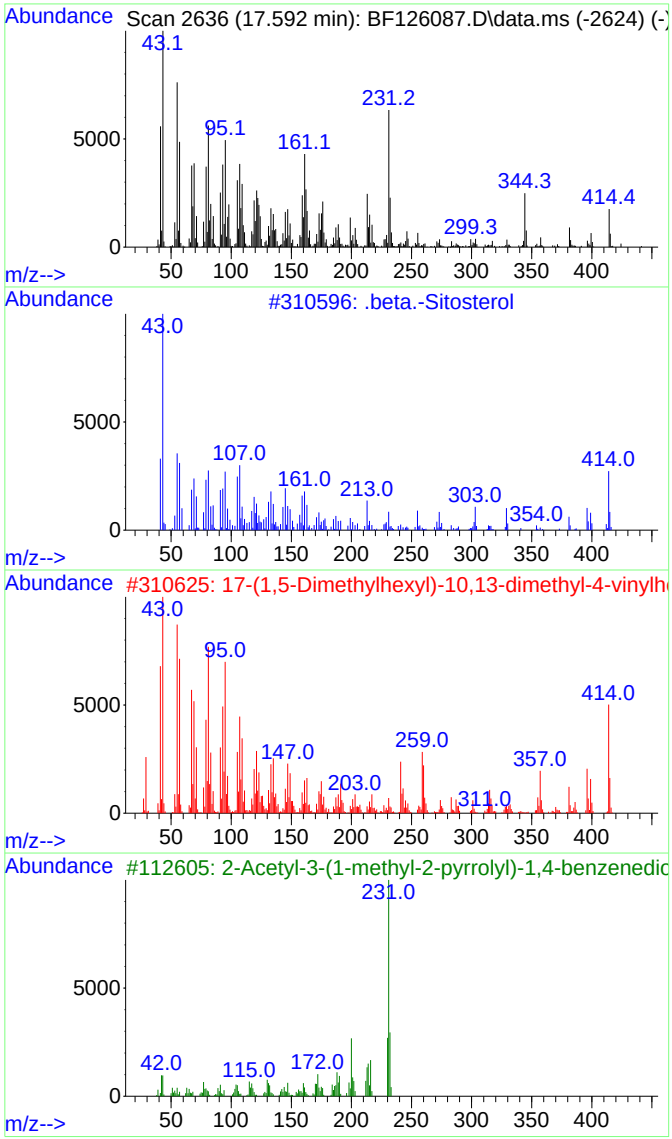
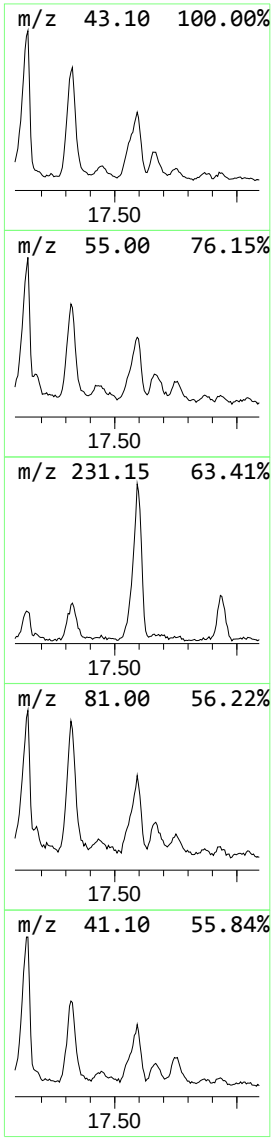
Peak Number 20 .beta.-Sitosterol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.592	103.69 ng	4925480	Perylene-d12	15.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	64
2	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	47
3	2-Acetyl-3-(1-methyl-2-pyrrolyl)...	231	C13H13NO3	1000326-75-5	35
4	.gamma.-Sitosterol	414	C29H50O	000083-47-6	30
5	Stigmastan-7-one	414	C29H50O	055331-88-9	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126087.D
Acq On : 9 Nov 2021 18:10
Operator : JU/CG
Sample : M4576-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1-(12-12.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.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
Cyclohexane, et...	7.016	80.3	ng	13463300	1	6.857	3352000	20.0
Naphthalene, de...	7.269	113.0	ng	18936700	1	6.857	3352000	20.0
Naphthalene, de...	7.686	109.2	ng	27675200	2	8.157	5069100	20.0
Cyclohexane, pe...	7.786	97.5	ng	24715100	2	8.157	5069100	20.0
Undecane, 5-met...	7.857	75.3	ng	19098300	2	8.157	5069100	20.0
Octane, 3,5-dim...	8.239	79.6	ng	20167900	2	8.157	5069100	20.0
Cyclohexane, (c...	8.457	125.5	ng	31819300	2	8.157	5069100	20.0
Octane, 2,6-dim...	8.592	89.3	ng	22639800	2	8.157	5069100	20.0
4-(1,1-Dimethyl...	10.868	119.2	ng	10188800	4	11.374	1709510	20.0
unknown10.904	10.904	173.0	ng	14789000	4	11.374	1709510	20.0
4-(7-Methylocty...	10.933	139.0	ng	11882100	4	11.374	1709510	20.0
Phenol, 4-(1,1,...	10.998	91.4	ng	7813560	4	11.374	1709510	20.0
1-Isopropenyl-3...	11.051	151.9	ng	12983600	4	11.374	1709510	20.0
Phenol, 4-(1,1-...	11.086	122.0	ng	10423400	4	11.374	1709510	20.0
Cholestan-3-ol,...	16.227	662.5	ng	31470000	6	15.474	950027	20.0
Cholestan-3-one	16.433	490.3	ng	23291700	6	15.474	950027	20.0
Cholestan-3-ol	16.468	146.3	ng	6947510	6	15.474	950027	20.0
Cholest-4-en-3-one	17.145	181.0	ng	8597350	6	15.474	950027	20.0
Stigmastanol	17.321	141.1	ng	6700920	6	15.474	950027	20.0
.beta.-Sitosterol	17.592	103.7	ng	4925480	6	15.474	950027	20.0