LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
Data File : BG046549.D
Acq On : 4 Sep 2020 20:41
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4

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_G\METHODS\8270-BG082520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.518	406	413	421	rBV2	392520	668086	9.98%	0.430%
2	7.099	675	682	696	rVB3	469974	1205669	18.00%	0.776%
3	7.927	817	823	829	rVB2	702606	1291075	19.28%	0.831%
4	8.133	853	858	862	rVV2	380803	621583	9.28%	0.400%
5	8.227	866	874	882	rVV3	455650	1289837	19.26%	0.830%
6	8.309	882	888	894	rVV2	664601	1257050	18.77%	0.809%
7	8.426	905	908	916	rVV3	260299	626146	9.35%	0.403%
8	9.043	1003	1013	1018	rBV3	1210274	2810510	41.97%	1.809%
9	9.143	1023	1030	1038	rVB4	443961	1199781	17.92%	0.772%
10	9.267	1045	1051	1052	rBV3	540920	833857	12.45%	0.537%
11	9.413	1073	1076	1083	rVB4	295900	600778	8.97%	0.387%
12	9.660	1113	1118	1123	rVV3	560984	960215	14.34%	0.618%
13	9.825	1141	1146	1150	rBV4	369361	635389	9.49%	0.409%
14	9.866	1150	1153	1158	rVB3	578045	839056	12.53%	0.540%
15	9.925	1158	1163	1169	rBV6	907729	1641493	24.51%	1.057%
16	10.136	1194	1199	1205	rVV2	939945	1793624	26.78%	1.155%
17	10.201	1206	1210	1215	rVV4	343759	690868	10.32%	0.445%
18	10.330	1226	1232	1243	rVB6	427679	1087761	16.24%	0.700%
19	10.442	1246	1251	1255	rBV	366232	630954	9.42%	0.406%
20	10.606	1275	1279	1282	rBV2	436471	727836	10.87%	0.469%
21	10.718	1292	1298	1305	rBV5	717035	1858952	27.76%	1.197%
22	10.859	1318	1322	1326	rVV4	697299	1443215	21.55%	0.929%
23	10.912	1326	1331	1335	rVV	1298409	2225952	33.24%	1.433%
24	10.965	1335	1340	1348	rVV5	533966	1531557	22.87%	0.986%
25	11.041	1349	1353	1357	rVB3	406332	671416	10.03%	0.432%
26	11.241	1383	1387	1393	rVB3	479049	726679	10.85%	0.468%
27	11.446	1411	1422	1427	rVB5	1090698	3174514	47.40%	2.044%
28	11.523	1430	1435	1440	rBV4	292458	600711	8.97%	0.387%
29	11.652	1452	1457	1460	rBV3	303397	578383	8.64%	0.372%
30	11.781	1473	1479	1486	rBV	2783094	5391510	80.51%	3.471%
31	11.846	1487	1490	1497	rVV4	622074	1299156	19.40%	0.836%
32	11.928	1500	1504	1513	rVB6	451774	926881	13.84%	0.597%
33	12.392	1575	1583	1590	rVB2	2662492	5458097	81.50%	3.514%
34	12.616	1615	1621	1630	rVB	3465538	6696875	100.00%	4.311%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
Data File : BG046549.D
Acq On : 4 Sep 2020 20:41
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4

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_G\METHODS\8270-BG082520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.857	1658	1662	1669	rVB3	827479	1361007	20.32%	0.876%
36	13.121	1702	1707	1712	rVV	2768226	4012953	59.92%	2.583%
37	13.186	1712	1718	1723	rVB2	781865	1356937	20.26%	0.874%
38	13.385	1744	1752	1756	rBV6	447838	1222844	18.26%	0.787%
39	13.503	1768	1772	1780	rBV6	381482	756340	11.29%	0.487%
40	13.732	1805	1811	1812	rBV	1609276	2327152	34.75%	1.498%
41	13.896	1833	1839	1843	rVV	2607891	4969232	74.20%	3.199%
42	13.949	1843	1848	1853	rVB	1510201	2448343	36.56%	1.576%
43	14.002	1853	1857	1862	rVB2	745469	964497	14.40%	0.621%
44	14.061	1862	1867	1872	rVB2	2366787	3334475	49.79%	2.147%
45	14.126	1873	1878	1882	rBV	1192185	1809598	27.02%	1.165%
46	14.290	1899	1906	1914	rBV4	768895	1738279	25.96%	1.119%
47	14.408	1922	1926	1932	rVB2	718173	1196037	17.86%	0.770%
48	14.566	1946	1953	1958	rBV3	763607	1696472	25.33%	1.092%
49	14.631	1959	1964	1973	rVB3	847512	1758865	26.26%	1.132%
50	14.778	1983	1989	1998	rVB	670750	1909213	28.51%	1.229%
51	14.860	1999	2003	2009	rBV3	316814	657050	9.81%	0.423%
52	14.966	2016	2021	2028	rVB2	1124201	2138549	31.93%	1.377%
53	15.042	2029	2034	2039	rVB	948372	1487121	22.21%	0.957%
54	15.101	2040	2044	2052	rVB4	592265	928978	13.87%	0.598%
55	15.189	2053	2059	2063	rBV	777620	1405741	20.99%	0.905%
56	15.236	2063	2067	2072	rVB	757850	1093829	16.33%	0.704%
57	15.359	2080	2088	2091	rBV4	544732	1400492	20.91%	0.902%
58	15.389	2091	2093	2098	rVB3	488560	586903	8.76%	0.378%
59	15.612	2126	2131	2135	rBV2	1226878	1866140	27.87%	1.201%
60	15.735	2149	2152	2155	rVV2	402000	563335	8.41%	0.363%
61	15.829	2163	2168	2175	rVV2	957830	1545665	23.08%	0.995%
62	15.900	2176	2180	2190	rVB4	399309	1116169	16.67%	0.719%
63	16.053	2199	2206	2214	rVV6	644663	1482208	22.13%	0.954%
64	16.129	2215	2219	2229	rVB5	233760	648525	9.68%	0.418%
65	16.311	2242	2250	2258	rVB3	1006764	2021301	30.18%	1.301%
66	16.617	2294	2302	2306	rBV2	521402	1114646	16.64%	0.718%
67	16.664	2306	2310	2317	rBV3	545706	900824	13.45%	0.580%
68	17.128	2384	2389	2395	rBV2	785921	1257280	18.77%	0.809%
69	17.187	2395	2399	2409	rVB	712794	1037728	15.50%	0.668%
70	17.310	2415	2420	2423	rBV	682015	1102055	16.46%	0.709%
71	17.351	2423	2427	2434	rVB	2624022	4002004	59.76%	2.576%

LSC Area Percent Report

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Acq On : 4 Sep 2020 20:41
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4

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_G\METHODS\8270-BG082520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.439	2438	2442	2447	rVB	804555	1123748	16.78%	0.723%
73	17.522	2448	2456	2460	rBV2	849608	1670460	24.94%	1.075%
74	17.727	2486	2491	2499	rBV	981496	1586937	23.70%	1.022%
75	17.886	2515	2518	2522	rVV	443558	688217	10.28%	0.443%
76	17.927	2522	2525	2529	rVB	472869	614430	9.17%	0.396%
77	18.015	2536	2540	2549	rBV2	896363	1567085	23.40%	1.009%
78	18.186	2564	2569	2574	rBV2	1567510	2968467	44.33%	1.911%
79	18.233	2574	2577	2582	rVB2	1448867	2063320	30.81%	1.328%
80	18.374	2596	2601	2605	rVV2	1284578	2442017	36.47%	1.572%
81	18.415	2605	2608	2614	rVV3	1100424	1776652	26.53%	1.144%
82	18.632	2641	2645	2648	rBV2	417848	604862	9.03%	0.389%
83	18.985	2701	2705	2708	rVV	430927	574598	8.58%	0.370%
84	19.102	2721	2725	2729	rBV	931174	1456419	21.75%	0.938%
85	19.143	2729	2732	2734	rBV	444786	551992	8.24%	0.355%
86	19.255	2744	2751	2756	rBV5	543559	1335412	19.94%	0.860%
87	19.361	2764	2769	2775	rBV	1701355	2523242	37.68%	1.624%
88	19.725	2823	2831	2839	rVB	2393637	4243513	63.37%	2.732%
89	19.801	2840	2844	2850	rVB3	399637	694153	10.37%	0.447%
90	19.919	2860	2864	2868	rVB	1160388	1423949	21.26%	0.917%
91	20.048	2882	2886	2892	rBV	299590	648264	9.68%	0.417%
92	20.213	2911	2914	2919	rVB2	699048	981746	14.66%	0.632%
93	20.312	2928	2931	2936	rVB	521611	695504	10.39%	0.448%
94	20.371	2937	2941	2946	rVV	602718	853360	12.74%	0.549%
95	20.512	2961	2965	2969	rBV	464038	618570	9.24%	0.398%
96	20.559	2969	2973	2977	rVB	487517	628874	9.39%	0.405%
97	21.546	3135	3141	3147	rBV2	1003188	2631173	39.29%	1.694%
98	21.599	3147	3150	3162	rVB	819464	1497959	22.37%	0.964%
99	24.519	3642	3647	3660	rVB	291953	745149	11.13%	0.480%
100	24.666	3665	3672	3681	rVV2	336127	908354	13.56%	0.585%

Sum of corrected areas: 155332679

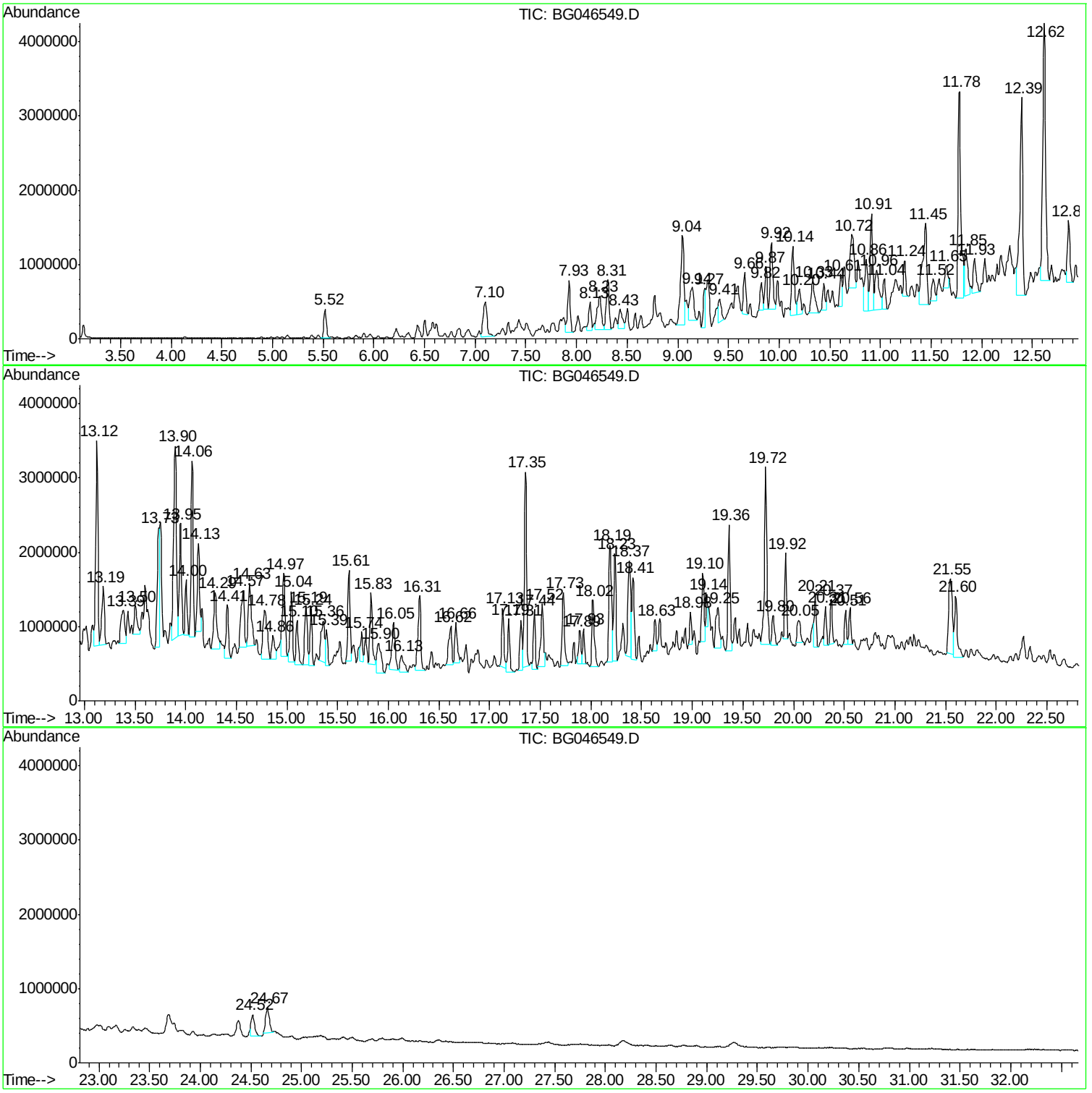
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
Data File : BG046549.D
Acq On : 4 Sep 2020 20:41
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
Data File : BG046549.D
Acq On : 4 Sep 2020 20:41
Operator : CG/JU
Sample : L3877-17 2X
Misc :
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Instrument : BNA_G
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

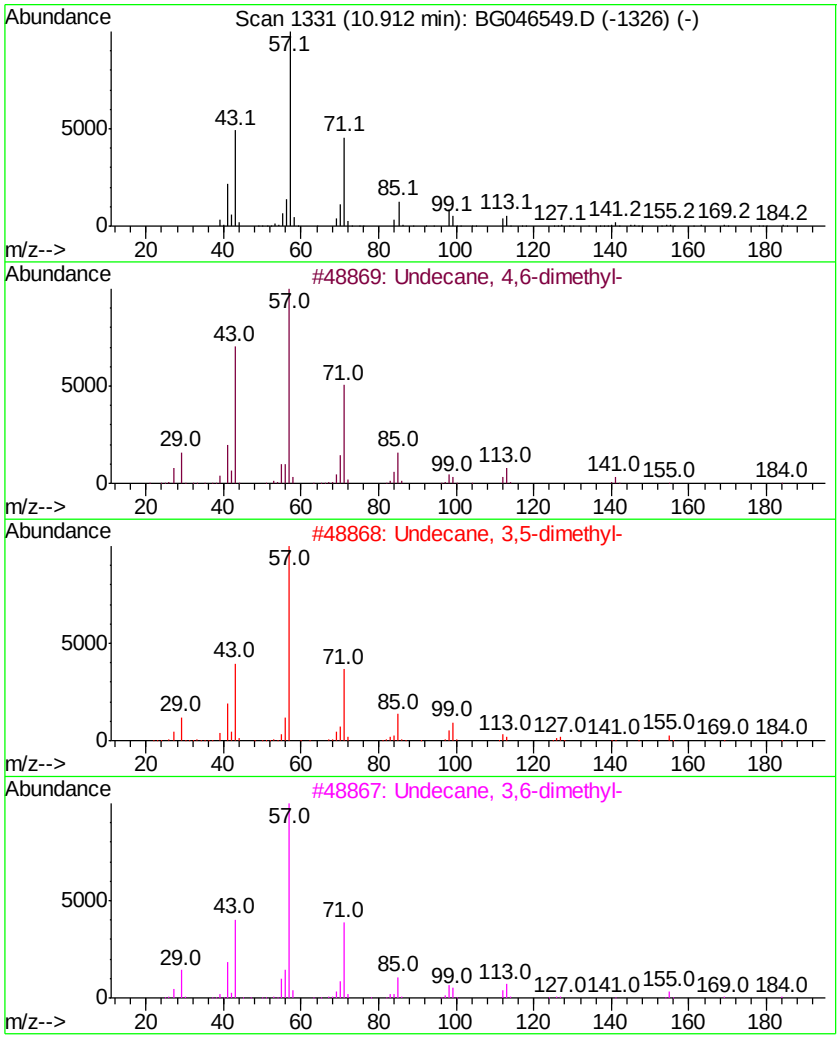
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

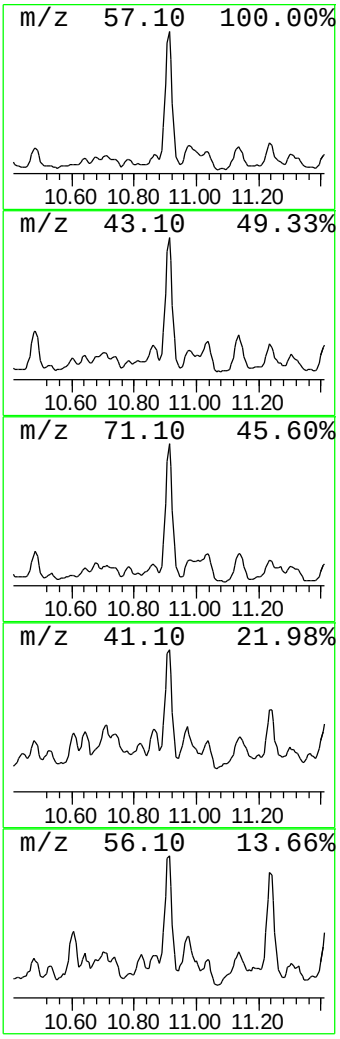
****

Peak Number 1 Undecane, 4,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	23.95 ng	2225950	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	91
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	90
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	81
4	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	78
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
Data File : BG046549.D
Acq On : 4 Sep 2020 20:41
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

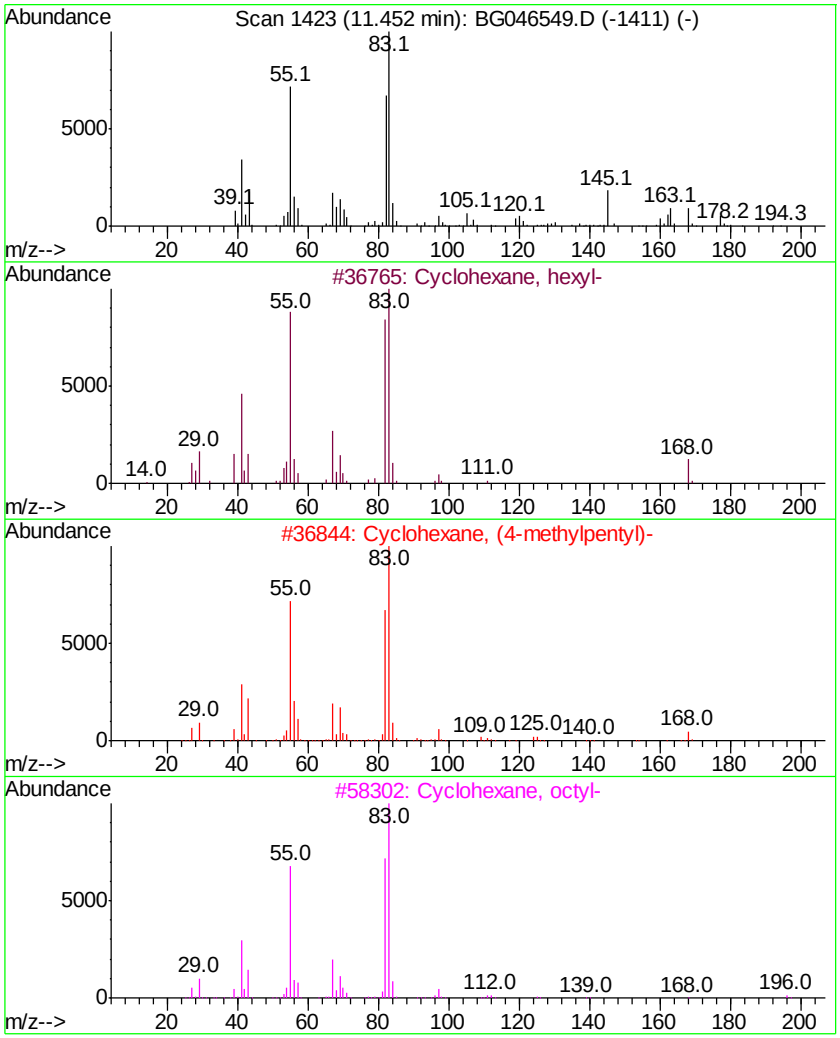
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

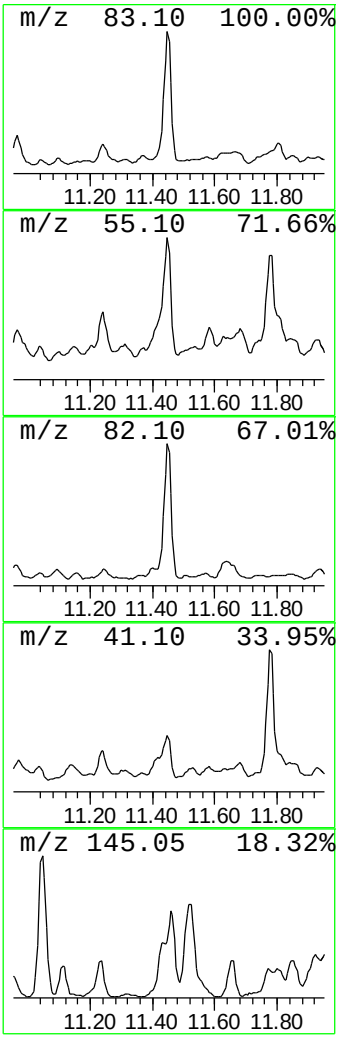
****

Peak Number 2 Cyclohexane, hexyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	34.15 ng	3174510	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	81
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	81
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	64
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	59
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
Data File : BG046549.D
Acq On : 4 Sep 2020 20:41
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Sample : L3877-17 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

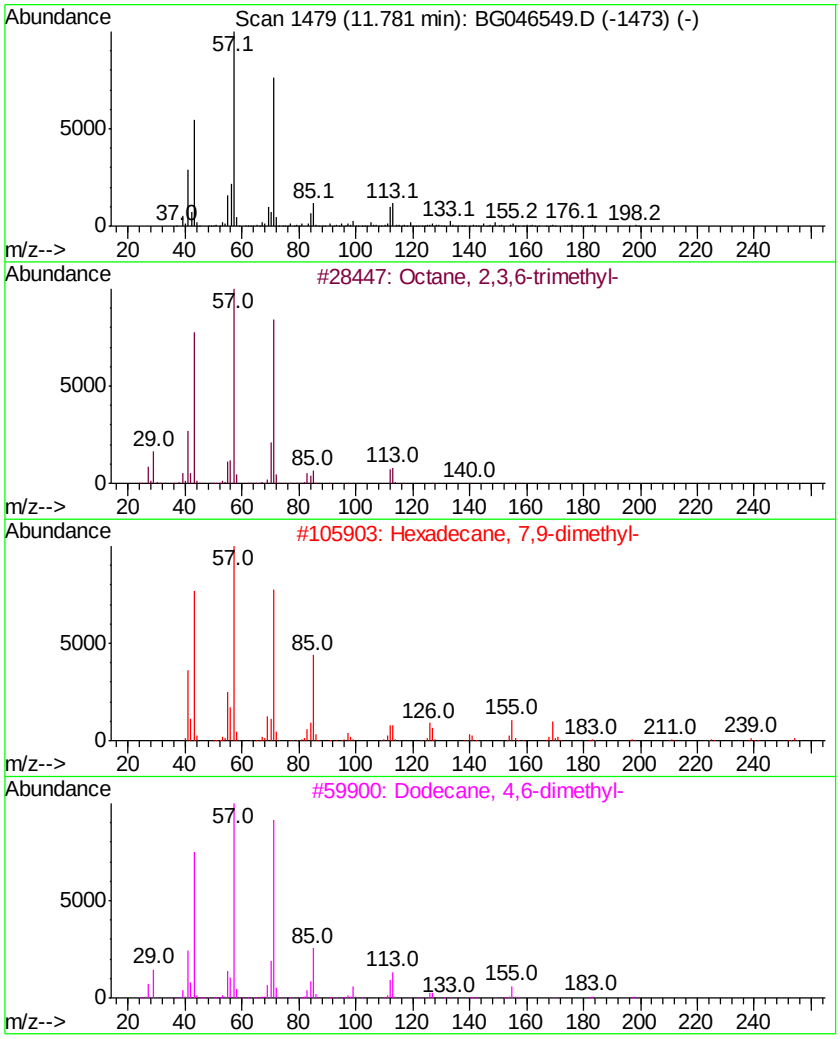
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

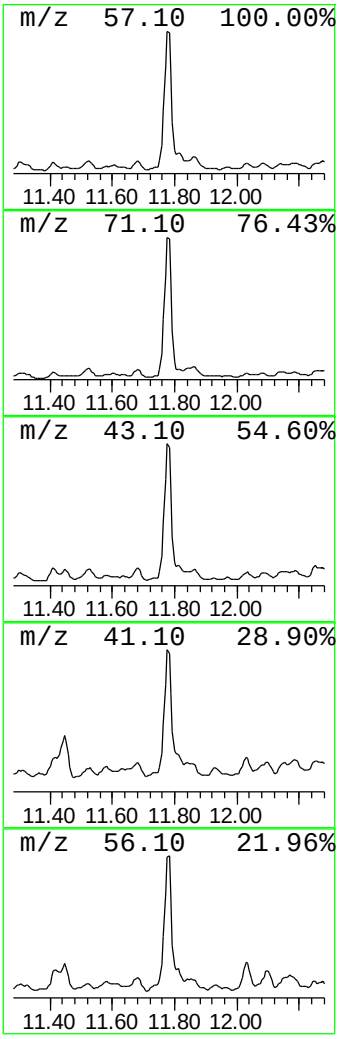
****

Peak Number 3 Octane, 2,3,6-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	58.01 ng	5391510	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	72
2	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	72
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
Data File : BG046549.D
Acq On : 4 Sep 2020 20:41
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

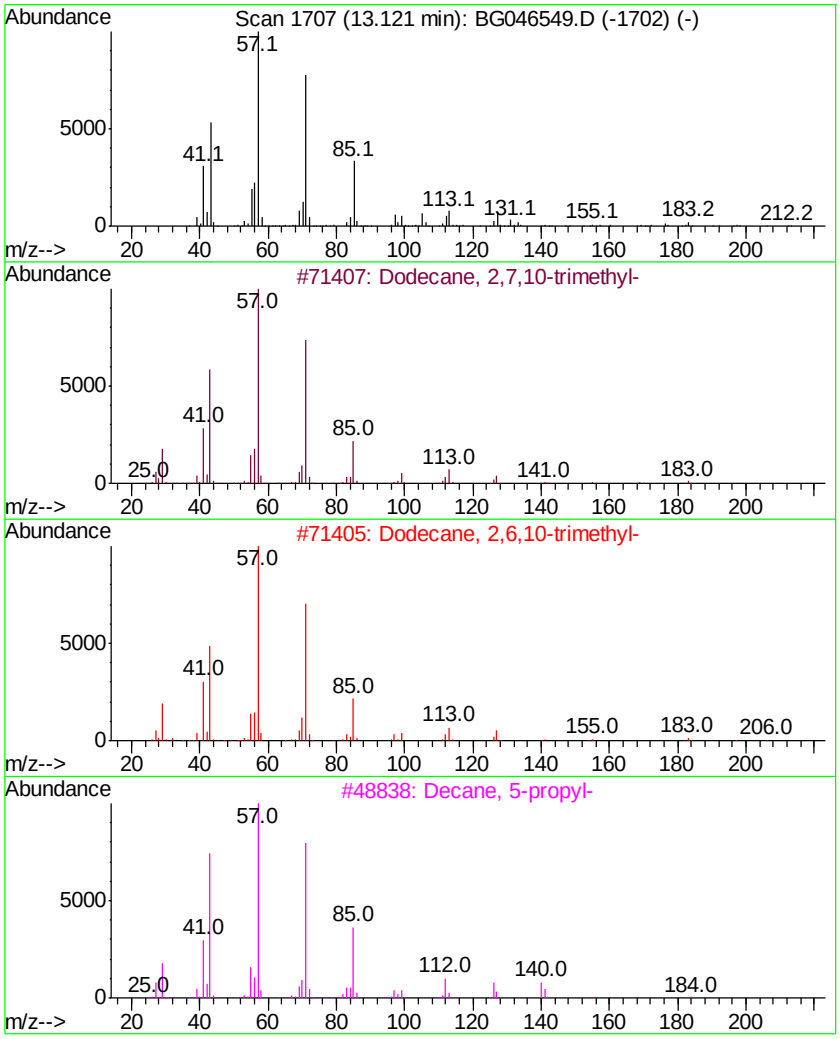
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

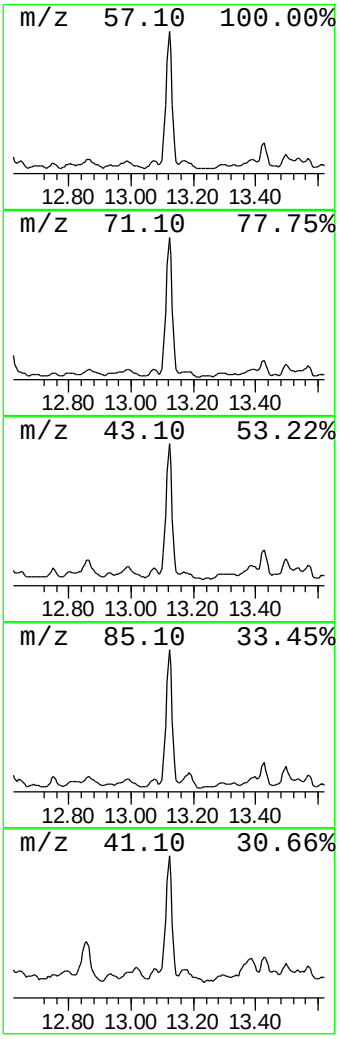
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	47.31 ng	4012950	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
3	Decane, 5-propyl-	184	C13H28	017312-62-8	83
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
Data File : BG046549.D
Acq On : 4 Sep 2020 20:41
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

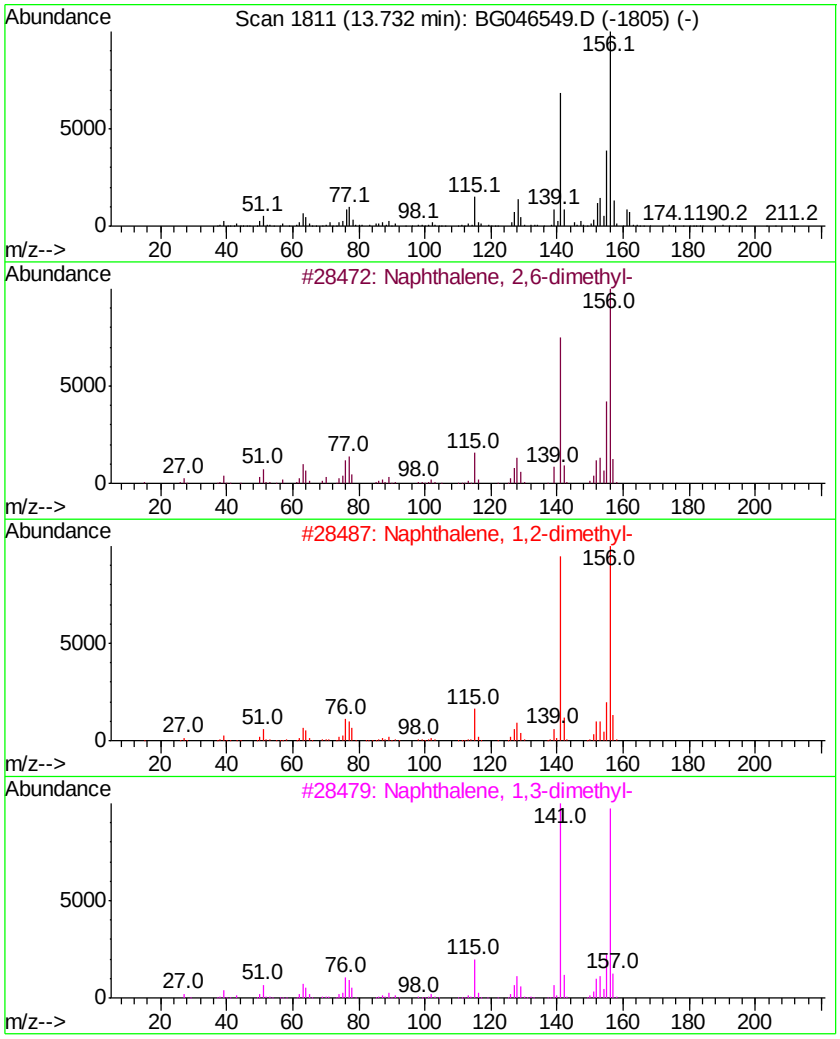
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

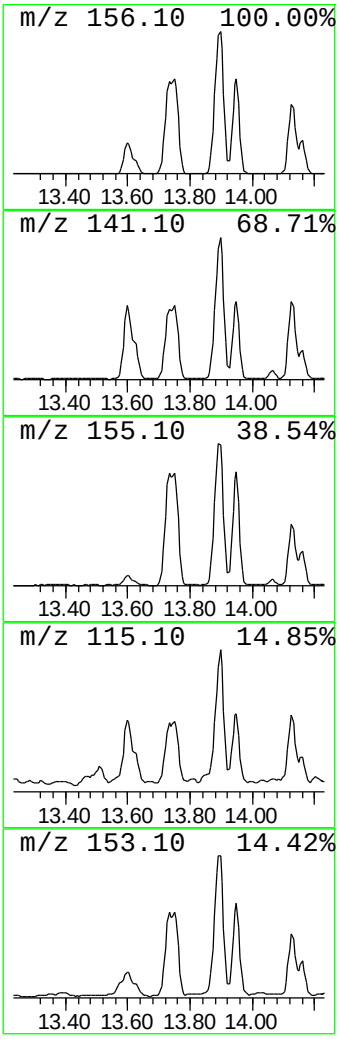
****

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	27.44 ng	2327150	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Library Search Compound Report

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Acq On : 4 Sep 2020 20:41
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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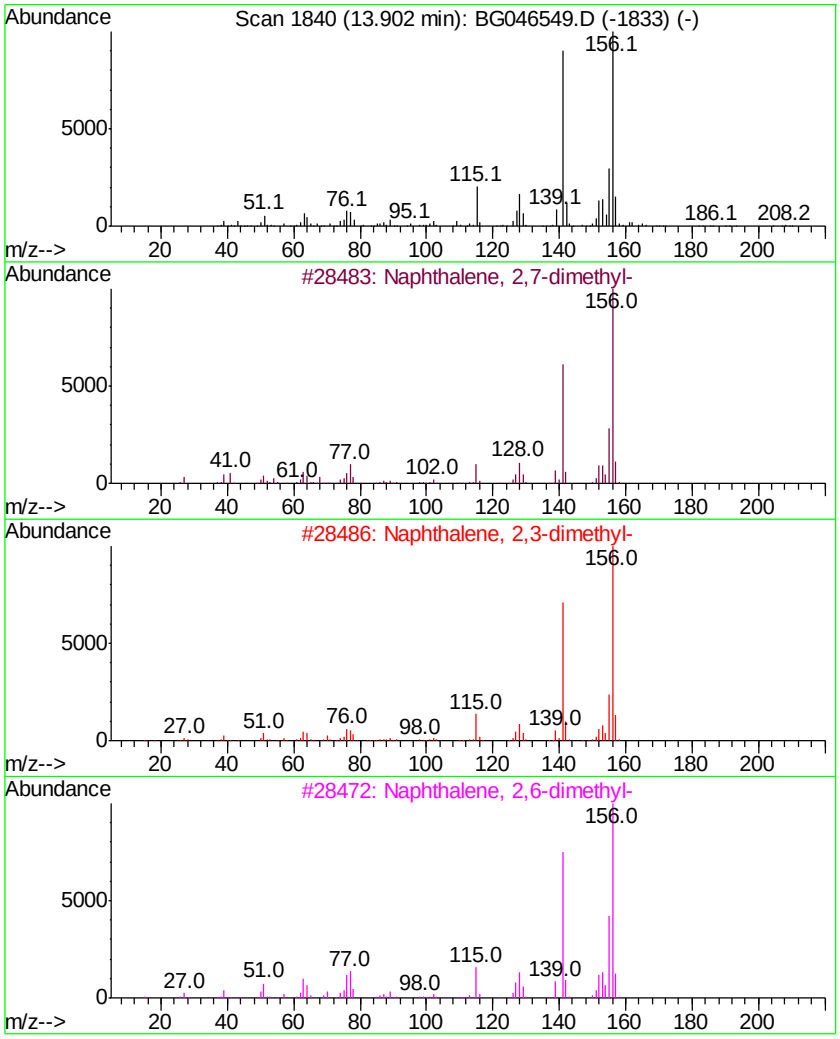
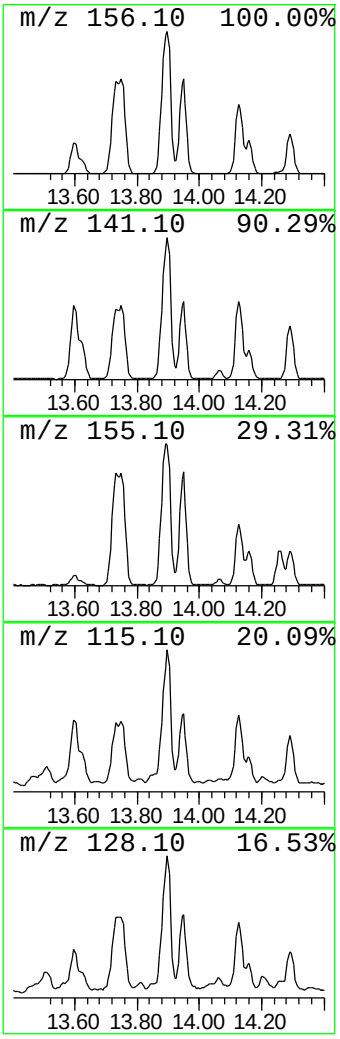
Peak Number 6 Naphthalene, 2,7-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	58.58 ng	4969230	Acenaphthene-d10	14.57

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





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Sample : L3877-17 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

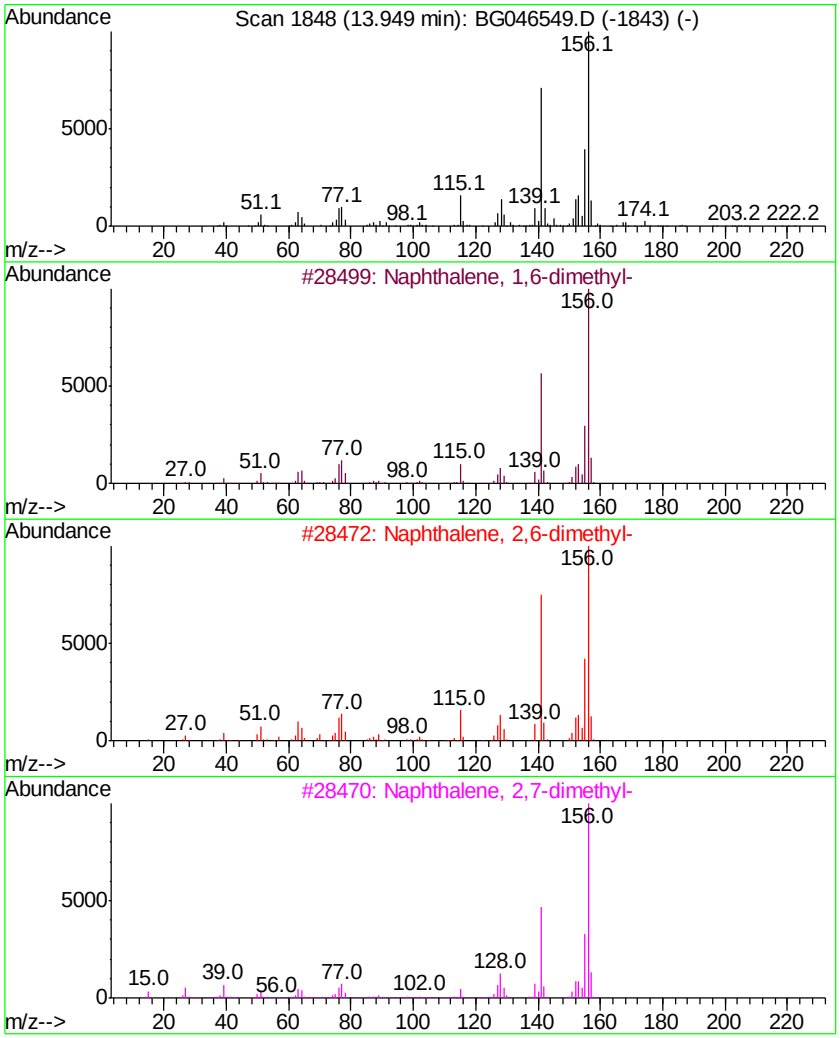
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

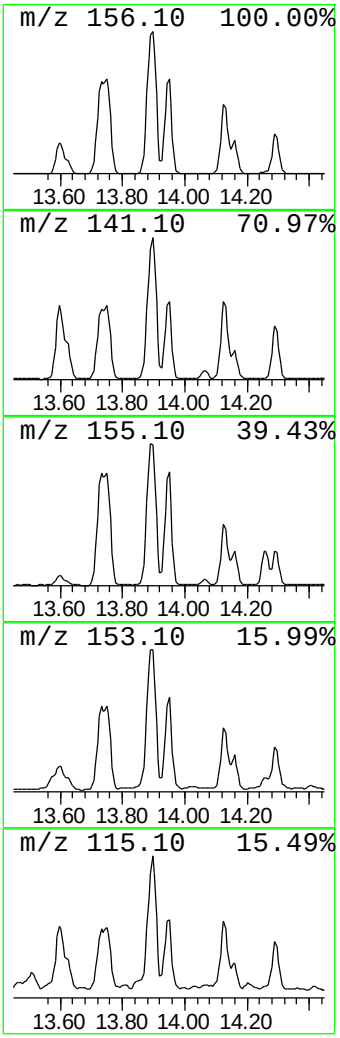
****

Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	28.86 ng	2448340	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Acq On : 4 Sep 2020 20:41
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

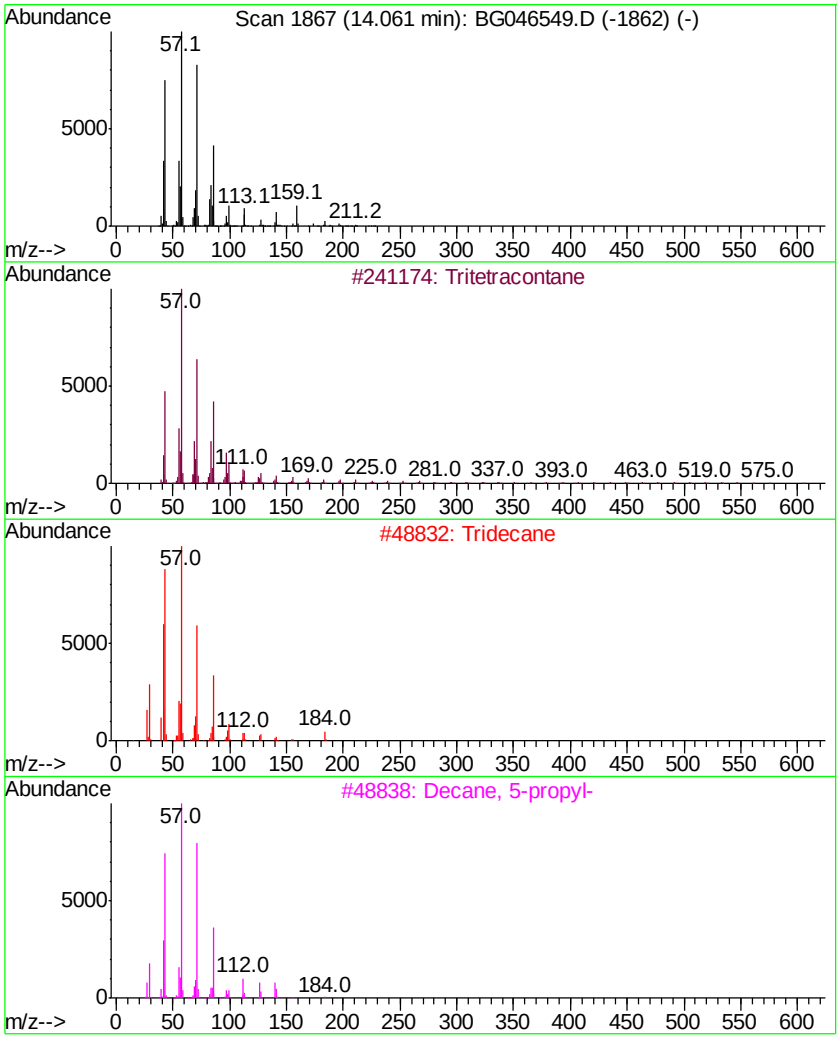
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

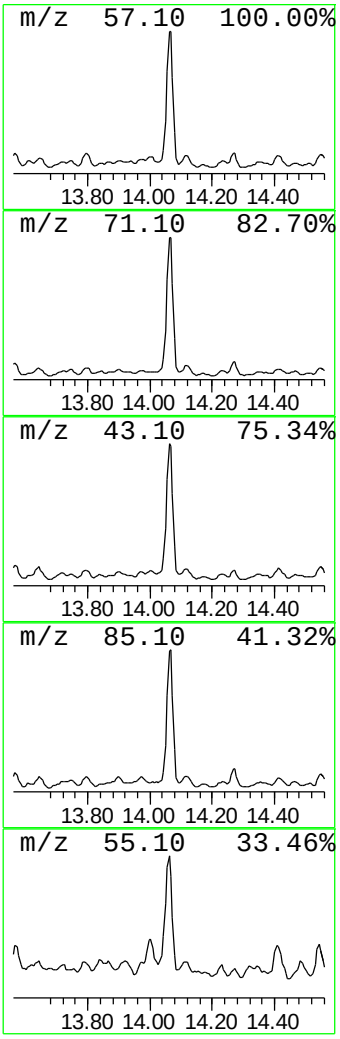
****

Peak Number 8 Tritetracontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	39.31 ng	3334480	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	90
2	Tridecane	184	C13H28	000629-50-5	87
3	Decane, 5-propyl-	184	C13H28	017312-62-8	76
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	58





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Sample : L3877-17 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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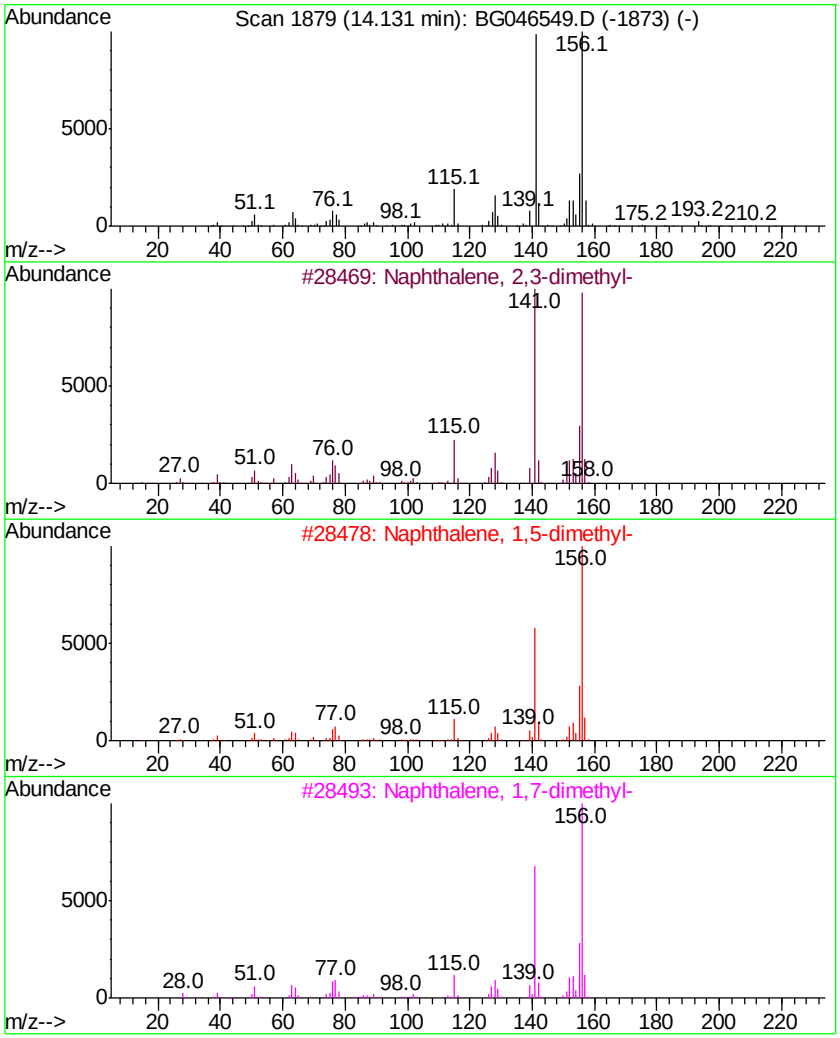
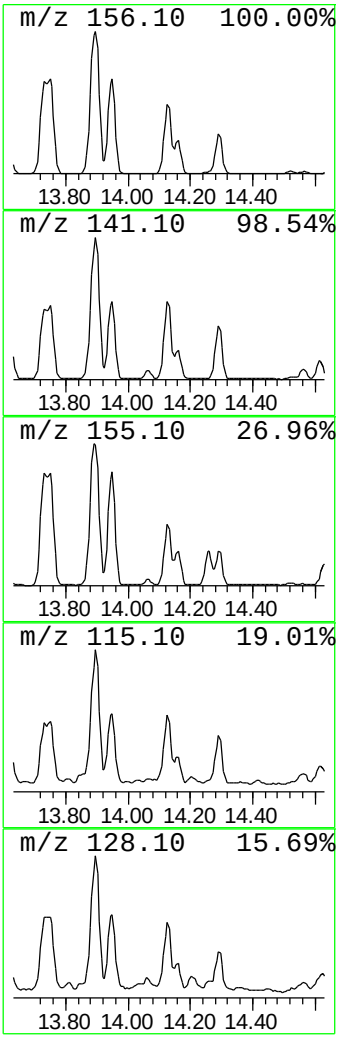
Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	21.33 ng	1809600	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Sample : L3877-17 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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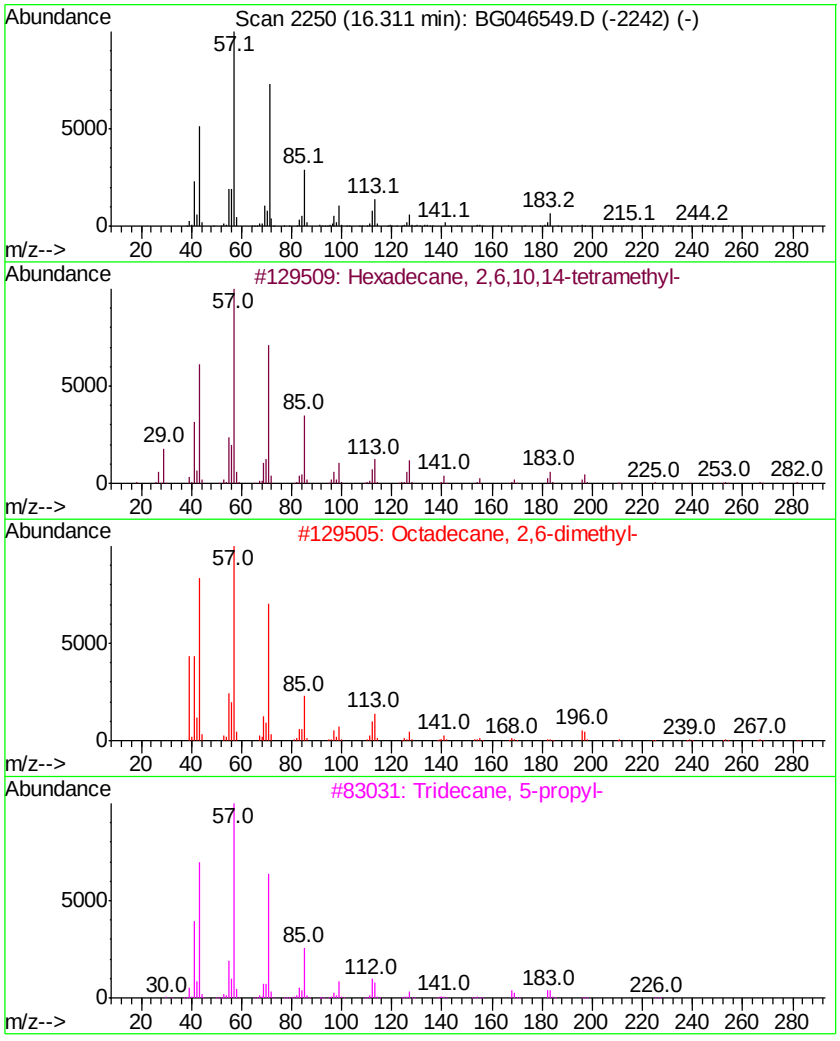
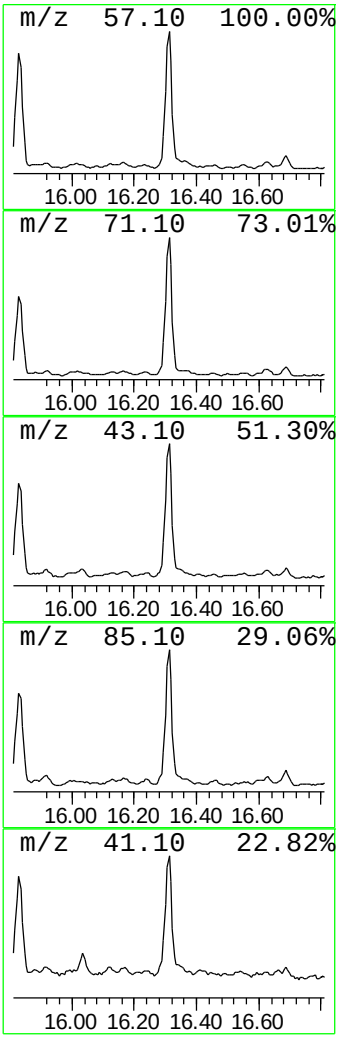
Peak Number 10 Hexadecane, 2,6,10,14-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	36.68 ng	2021300	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	86
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
4	5,5-Dibutylnonane	240	C17H36	006008-17-9	64
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





Library Search Compound Report

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Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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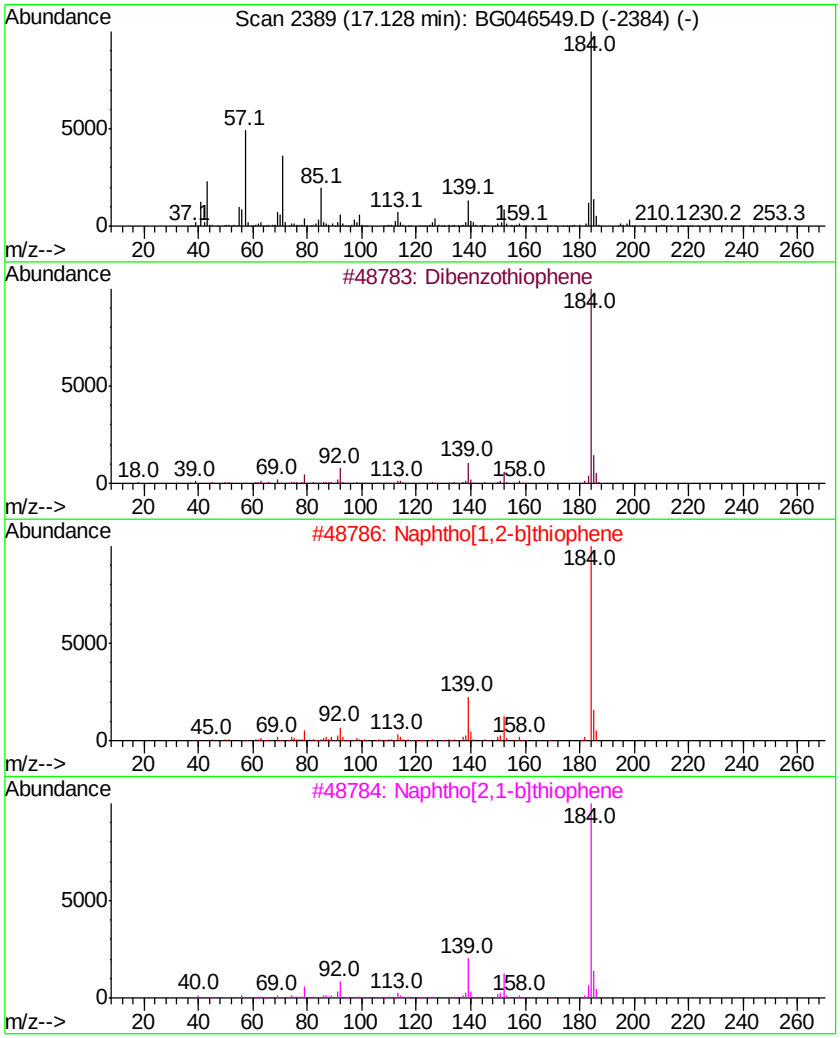
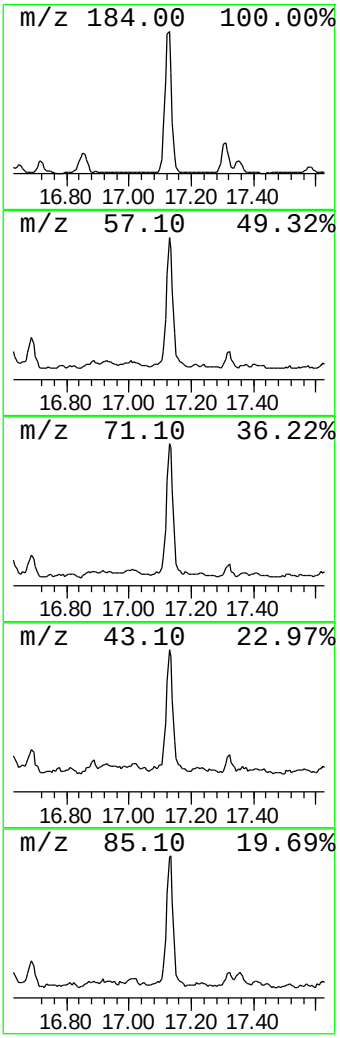
Peak Number 11 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	22.82 ng	1257280	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	92
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	91
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	86
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	83
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	70





Library Search Compound Report

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Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

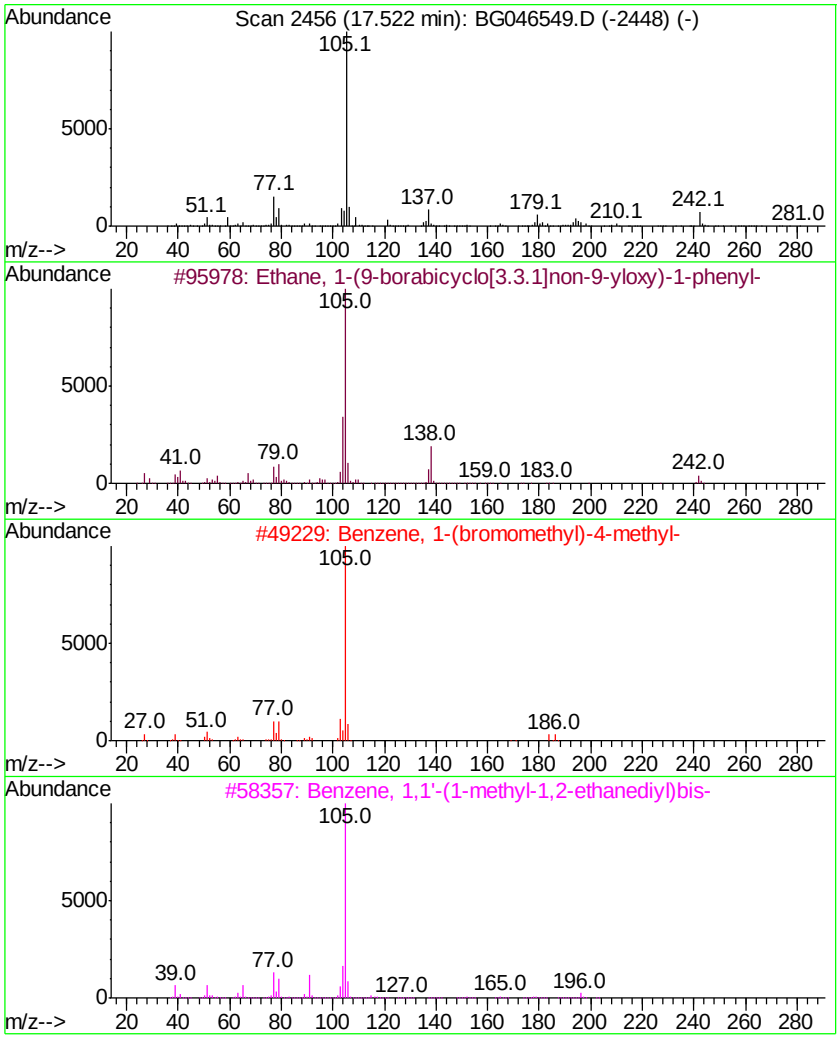
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

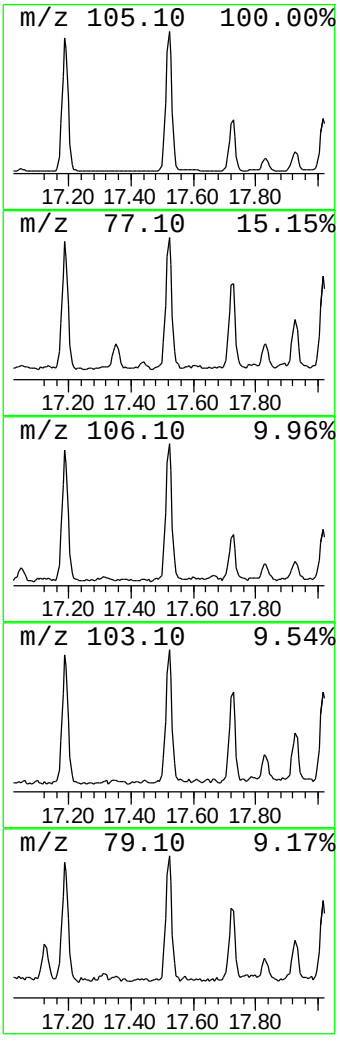
****

Peak Number 12 Ethane, 1-(9-borabicyclo[3.... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	30.32 ng	1670460	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1-(9-borabicyclo[3.3.1]n...	242	C16H23BO	1000160-80-6	64
2	Benzene, 1-(bromomethyl)-4-methyl-	184	C8H9Br	000104-81-4	53
3	Benzene, 1,1'-(1-methyl-1,2-etha...	196	C15H16	005814-85-7	49
4	Benzeneethanol, 2-methyl-	136	C9H12O	019819-98-8	49
5	Benzeneacetic acid, .alpha.-meth...	164	C10H12O2	031508-44-8	47





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Sample : L3877-17 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4

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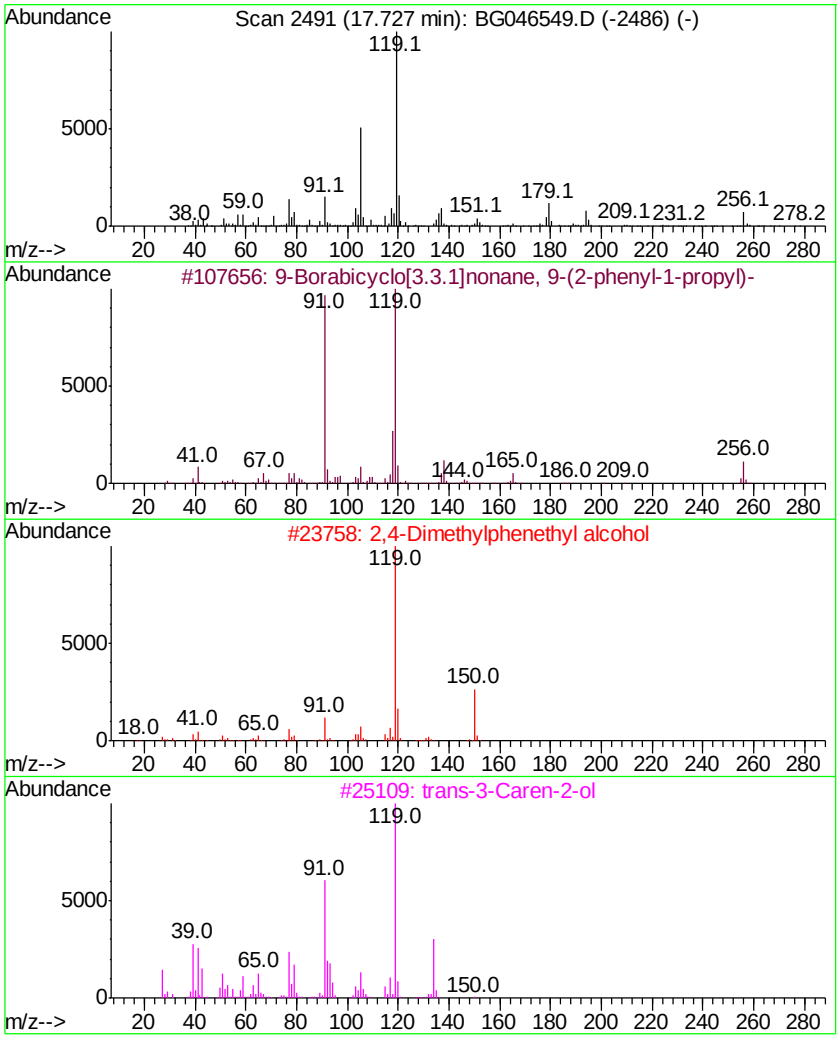
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

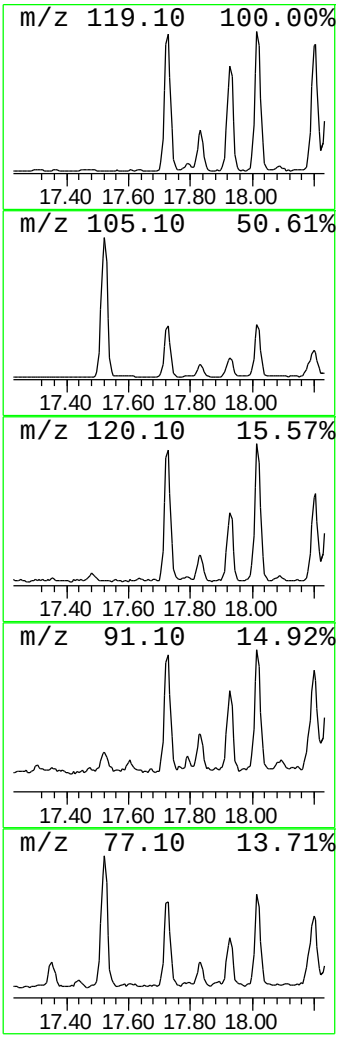
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9-Borabicyclo[3.3.1]nonane,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	28.80 ng	1586940	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Borabicyclo[3.3.1]nonane, 9-(2...	256	C17H25BO	1000161-02-3	59
2	2,4-Dimethylphenethyl alcohol	150	C10H14O	006597-59-7	53
3	trans-3-Caren-2-ol	152	C10H16O	1000151-75-4	53
4	3,4-Dimethylbenzyl isothiocyanate	177	C10H11NS	206559-59-3	53
5	2,4-Dimethylbenzyl chloride	154	C9H11Cl	000824-55-5	53





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : TP-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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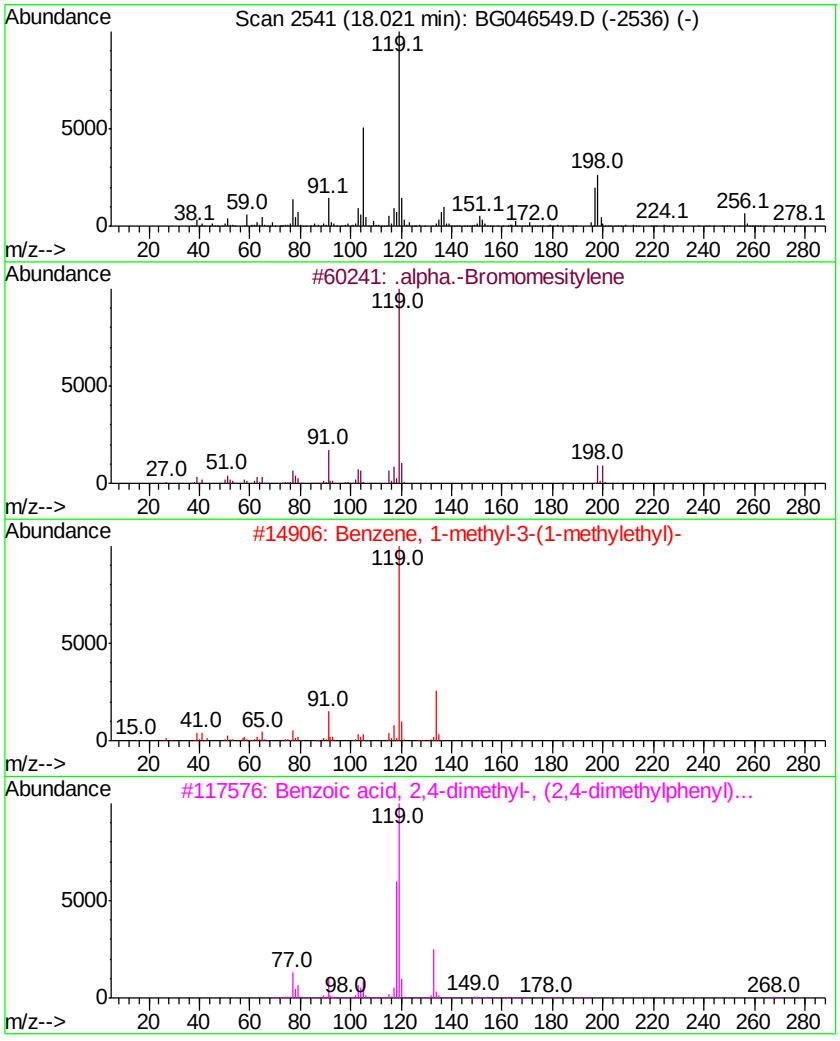
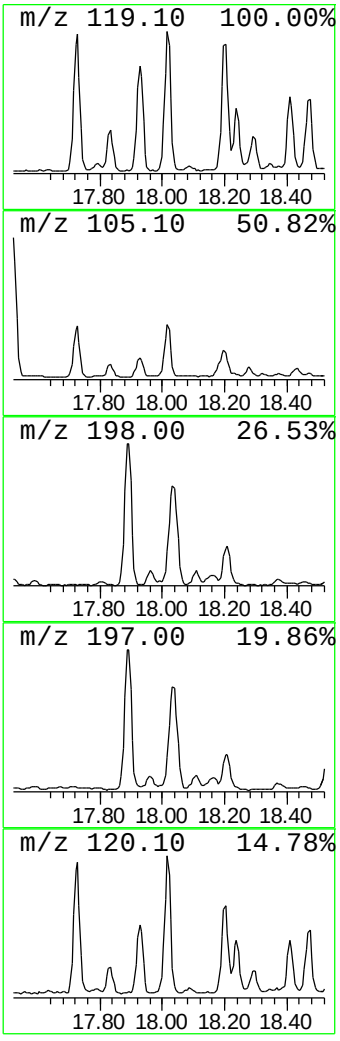
Peak Number 14 .alpha.-Bromomesitylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	28.44 ng	1567090	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Bromomesitylene	198	C9H11Br	027129-86-8	93
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	53
3	Benzoic acid, 2,4-dimethyl-, (2,...	268	C18H20O2	055000-43-6	53
4	o-Cymene	134	C10H14	000527-84-4	53
5	p-Cymene	134	C10H14	000099-87-6	53





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Sample : L3877-17 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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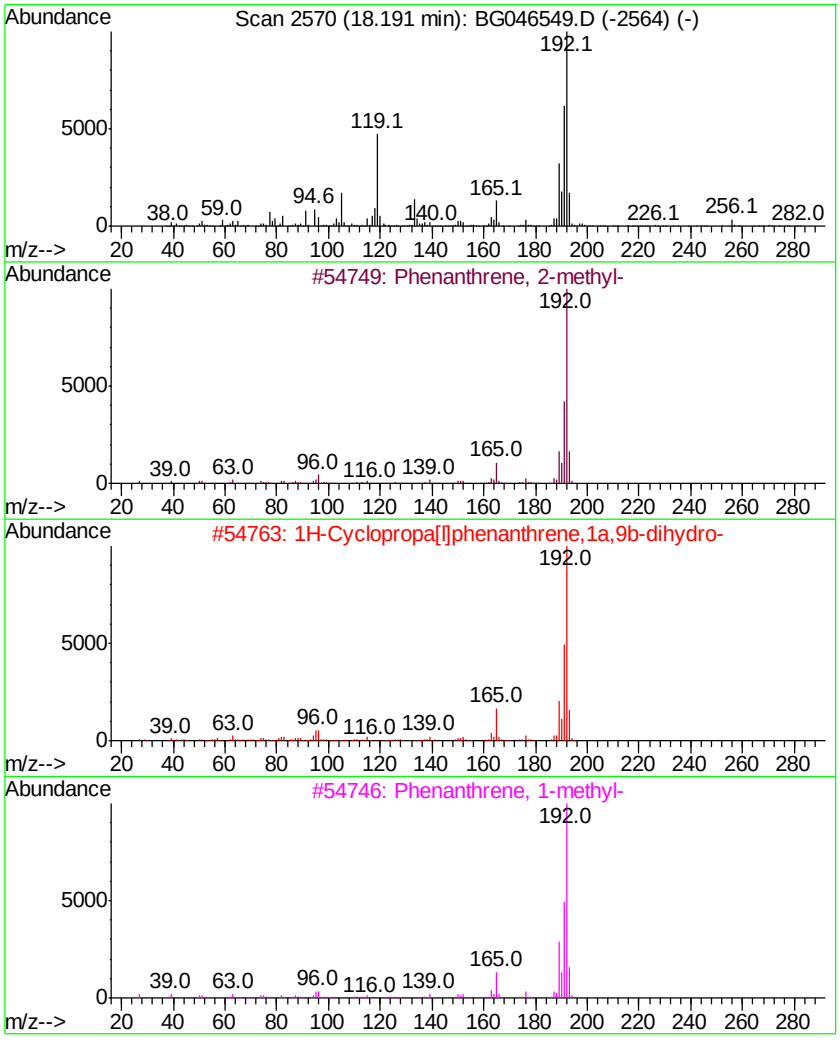
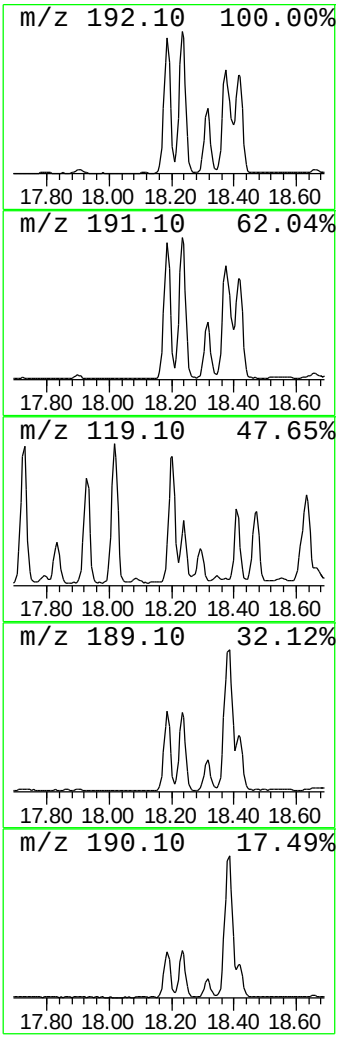
Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	53.87 ng	2968470	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





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Misc :
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Instrument : BNA_G
ClientSampleId : TP-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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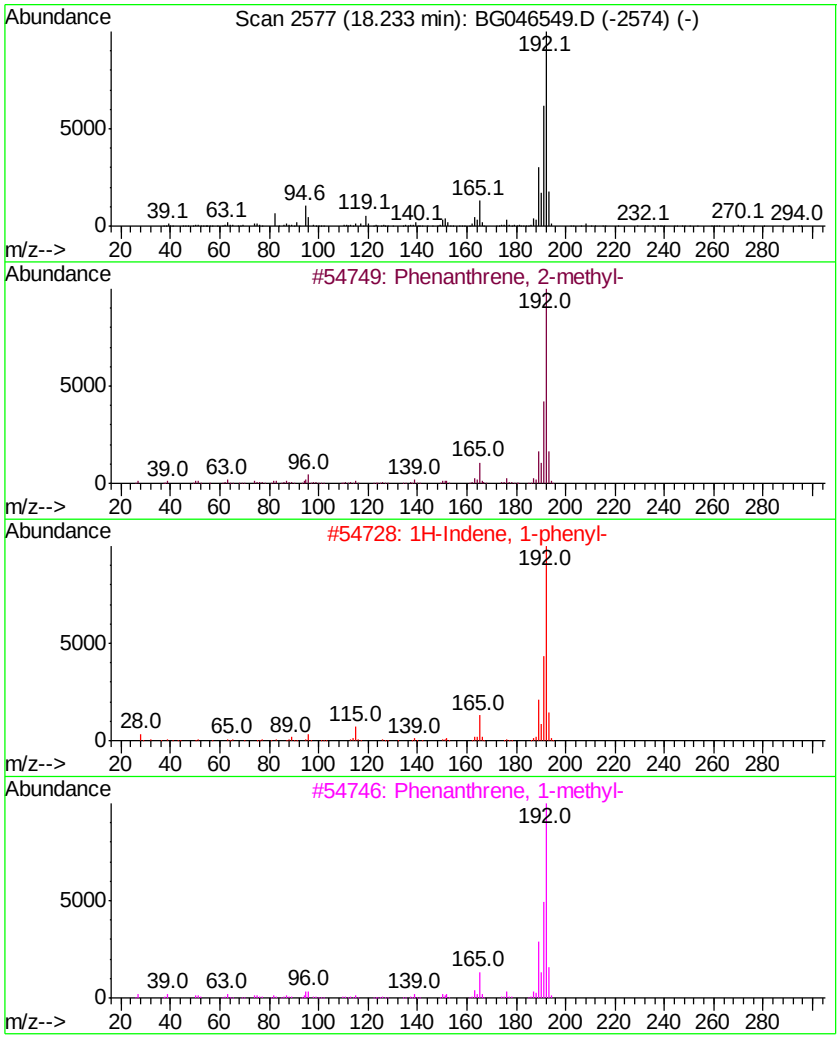
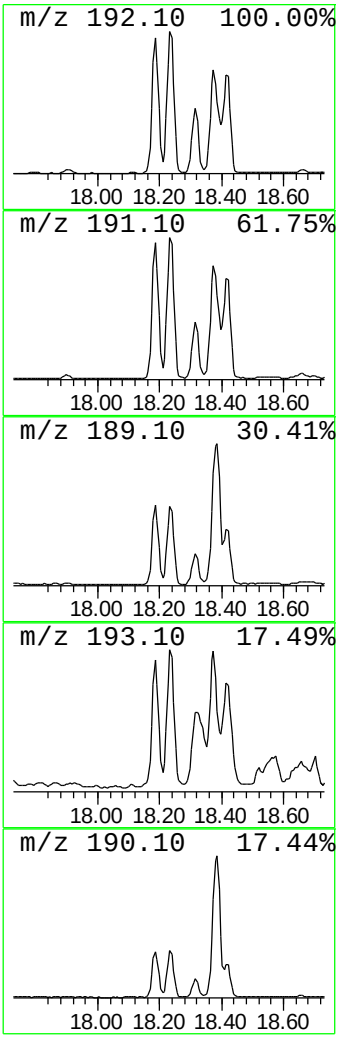
Peak Number 16 1H-Indene, 1-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	37.45 ng	2063320	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92





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Acq On : 4 Sep 2020 20:41
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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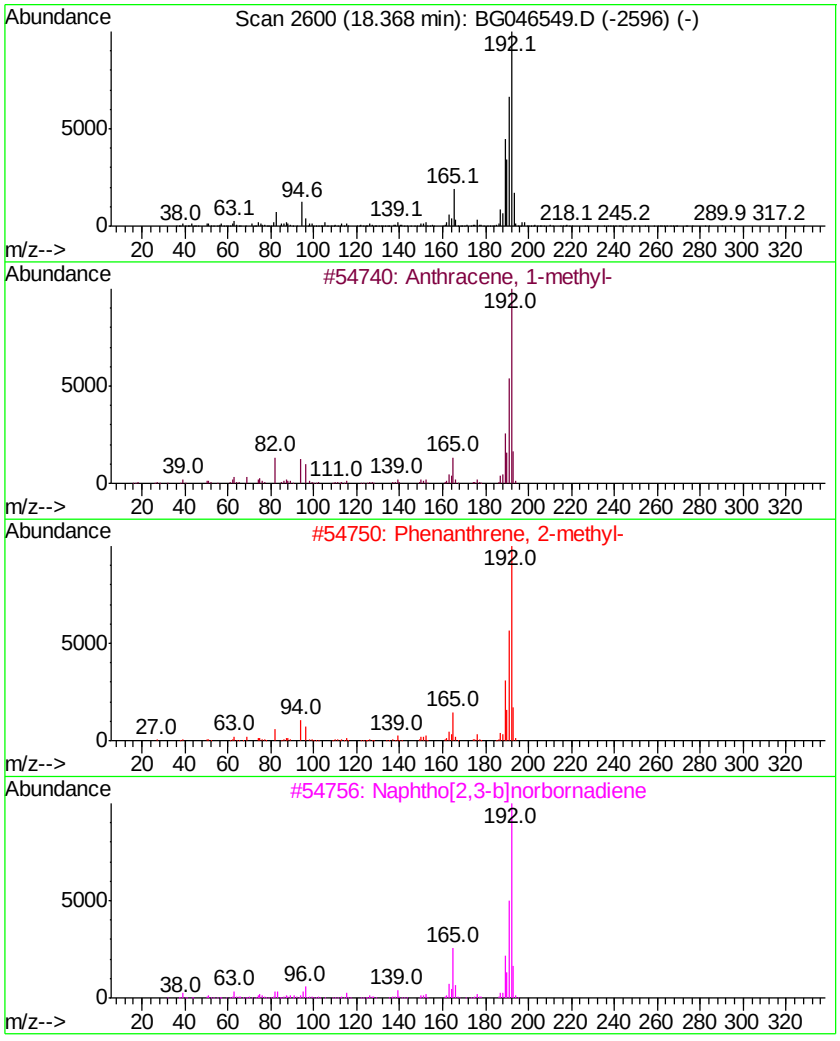
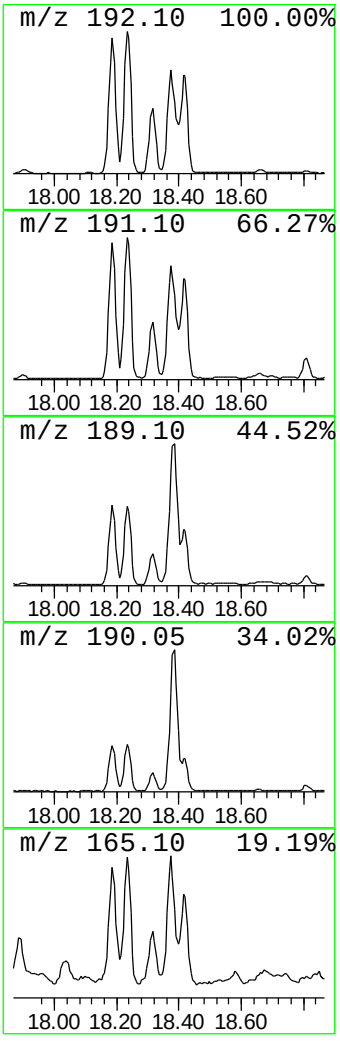
Peak Number 17 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	44.32 ng	2442020	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	64
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
Data File : BG046549.D
Acq On : 4 Sep 2020 20:41
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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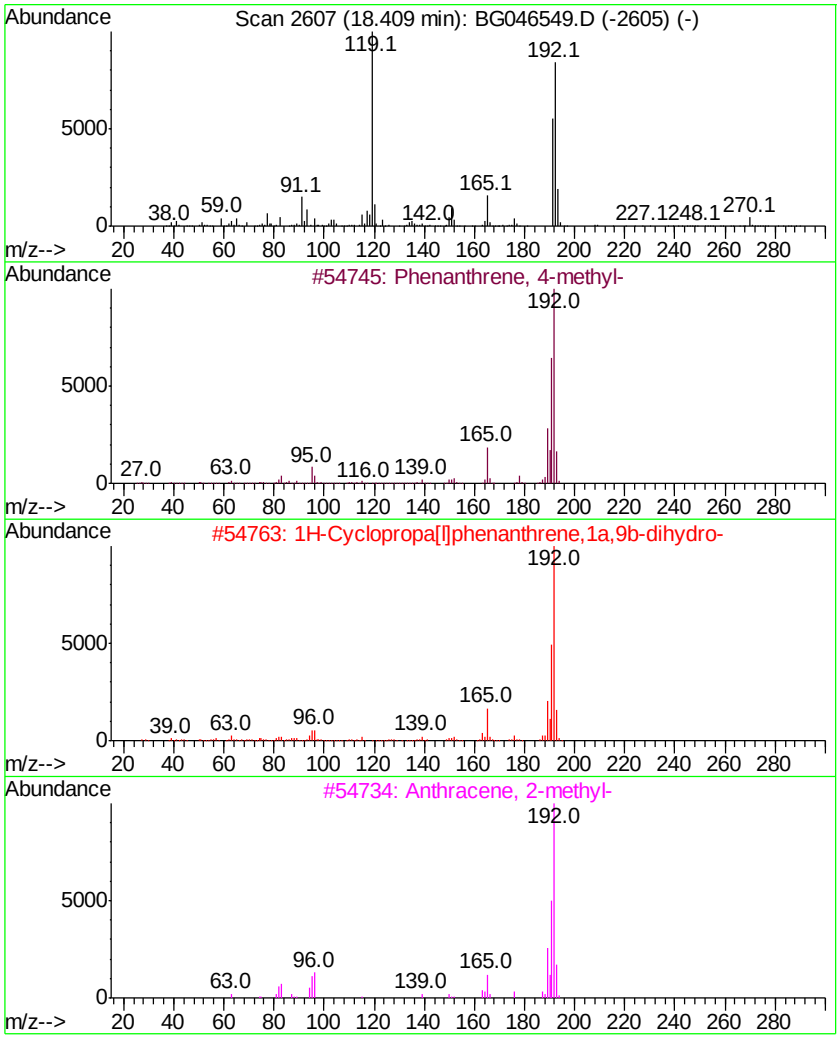
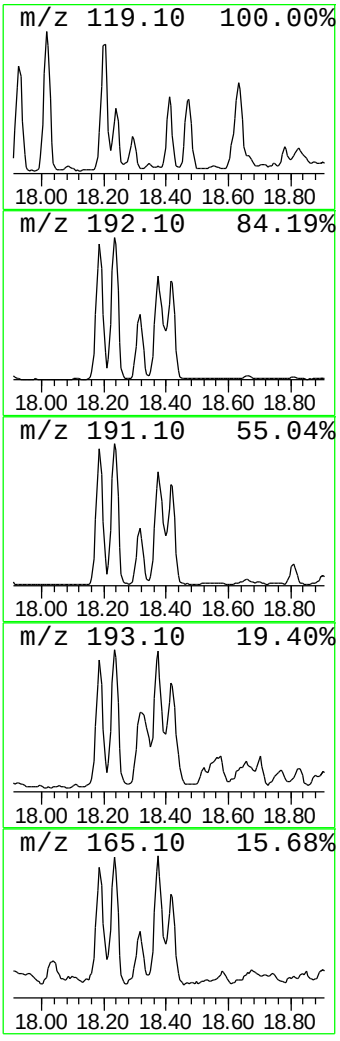
Peak Number 18 Phenanthrene, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	32.24 ng	1776650	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	76
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
Data File : BG046549.D
Acq On : 4 Sep 2020 20:41
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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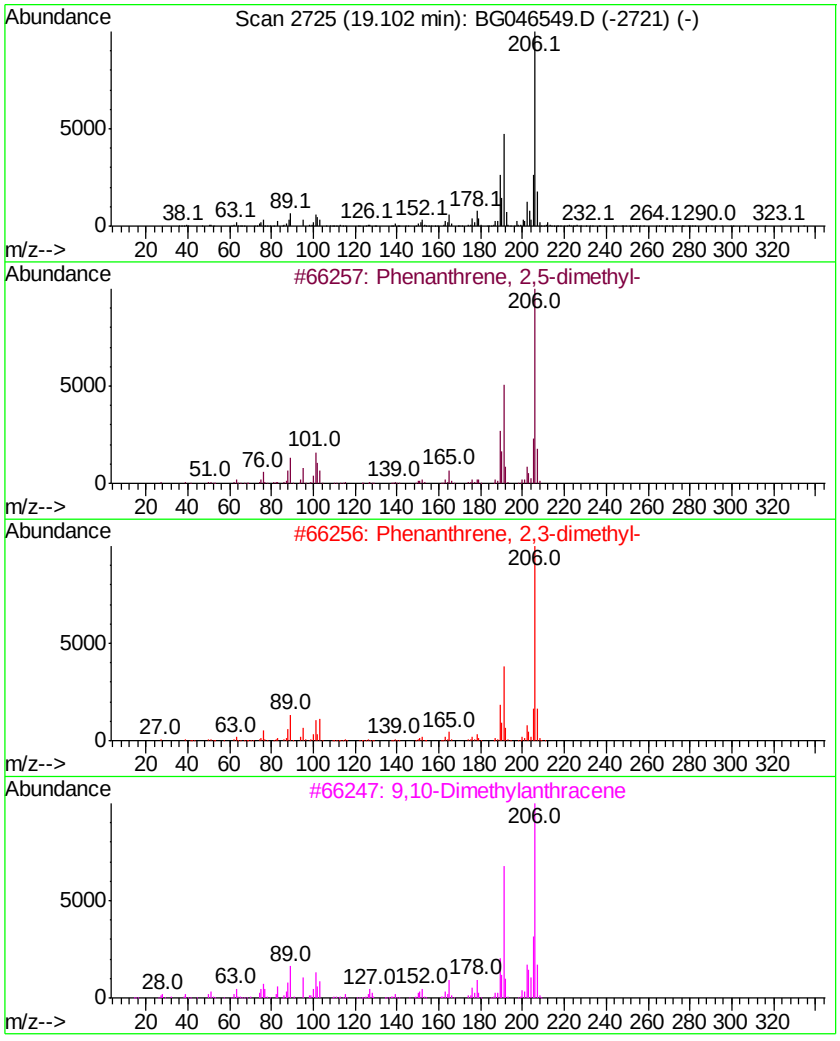
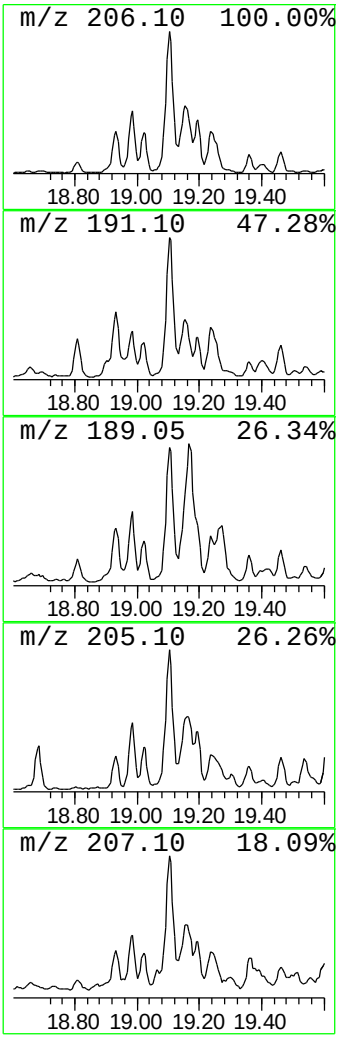
Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	26.43 ng	1456420	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
Data File : BG046549.D
Acq On : 4 Sep 2020 20:41
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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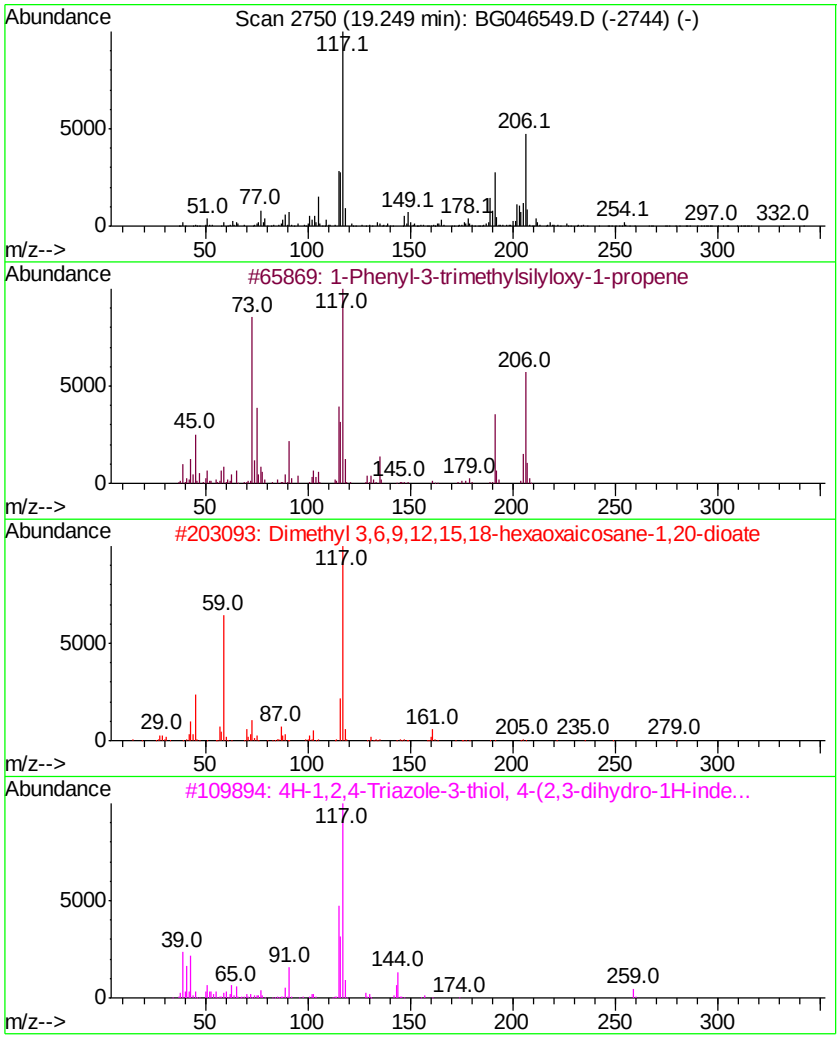
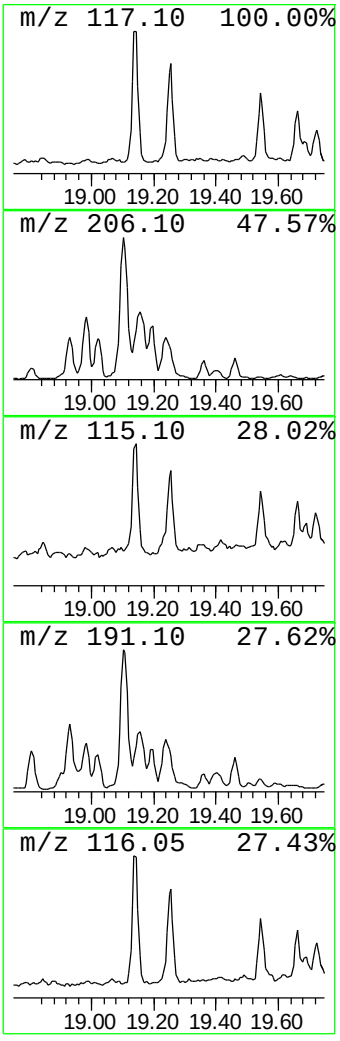
Peak Number 20 unknown19.25 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	24.23 ng	1335410	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-3-trimethylsilyloxy-1-p...	206	C12H18OSi	1000245-73-0	43
2	Dimethyl 3,6,9,12,15,18-hexaoxai...	382	C16H30O10	1000366-83-7	37
3	4H-1,2,4-Triazole-3-thiol, 4-(2,...	259	C14H17N3S	1000362-83-8	37
4	Dimethyl 3,6,9,12,15,18,21-hepta...	426	C18H34O11	1000366-83-6	37
5	Benzyl nitrile	117	C8H7N	000140-29-4	37





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG090420\
Data File : BG046549.D
Acq On : 4 Sep 2020 20:41
Operator : CG/JU
Sample : L3877-17 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Undecane, 4,6-dim...	10.91	23.9	ng	2225950	2	10.73	1858950	20.0
Cyclohexane, hexyl-	11.45	34.1	ng	3174510	2	10.73	1858950	20.0
Octane, 2,3,6-tri...	11.78	58.0	ng	5391510	2	10.73	1858950	20.0
Dodecane, 2,7,10-...	13.12	47.3	ng	4012950	3	14.57	1696470	20.0
Naphthalene, 2,6-...	13.73	27.4	ng	2327150	3	14.57	1696470	20.0
Naphthalene, 2,7-...	13.90	58.6	ng	4969230	3	14.57	1696470	20.0
Naphthalene, 1,6-...	13.95	28.9	ng	2448340	3	14.57	1696470	20.0
Tritetracontane	14.06	39.3	ng	3334480	3	14.57	1696470	20.0
Naphthalene, 2,3-...	14.13	21.3	ng	1809600	3	14.57	1696470	20.0
Hexadecane, 2,6,1...	16.31	36.7	ng	2021300	4	17.31	1102060	20.0
Dibenzothiophene	17.13	22.8	ng	1257280	4	17.31	1102060	20.0
Ethane, 1-(9-bora...	17.52	30.3	ng	1670460	4	17.31	1102060	20.0
9-Borabicyclo[3.3...	17.73	28.8	ng	1586940	4	17.31	1102060	20.0
.alpha.-Bromomesi...	18.02	28.4	ng	1567090	4	17.31	1102060	20.0
Phenanthrene, 2-m...	18.19	53.9	ng	2968470	4	17.31	1102060	20.0
1H-Indene, 1-phenyl-	18.23	37.5	ng	2063320	4	17.31	1102060	20.0
Anthracene, 1-met...	18.37	44.3	ng	2442020	4	17.31	1102060	20.0
Phenanthrene, 4-m...	18.41	32.2	ng	1776650	4	17.31	1102060	20.0
Phenanthrene, 2,5...	19.10	26.4	ng	1456420	4	17.31	1102060	20.0
unknown19.25	19.25	24.2	ng	1335410	4	17.31	1102060	20.0