LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047842.D
Acq On : 29 Dec 2020 18:59
Operator : CG/JU
Sample : L5227-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C5-GW

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-BG121720.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG047842.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.723	399	406	415	rBV	388436	629067	22.21%	1.534%
2	7.339	673	681	695	rVB2	280595	676454	23.88%	1.650%
3	8.097	800	810	814	rBV5	37453	85185	3.01%	0.208%
4	8.197	821	827	833	rVB2	134294	216941	7.66%	0.529%
5	8.690	906	911	916	rVV3	50029	76896	2.71%	0.188%
6	9.048	967	972	977	rBV6	36407	79804	2.82%	0.195%
7	9.313	1007	1017	1021	rBV3	191809	415349	14.66%	1.013%
8	9.366	1021	1026	1040	rVB2	476493	1059690	37.41%	2.584%
9	9.548	1048	1057	1067	rVB2	63214	234424	8.28%	0.572%
10	9.665	1067	1077	1085	rBV10	38251	98767	3.49%	0.241%
11	9.836	1101	1106	1112	rVV	122250	215811	7.62%	0.526%
12	9.942	1120	1124	1133	rVB7	63818	151447	5.35%	0.369%
13	10.094	1141	1150	1154	rBV4	74764	185639	6.55%	0.453%
14	10.135	1154	1157	1161	rVV2	66638	99414	3.51%	0.242%
15	10.206	1162	1169	1175	rVV8	128951	281050	9.92%	0.685%
16	10.265	1175	1179	1188	rVB4	52730	131056	4.63%	0.320%
17	10.417	1199	1205	1213	rBV3	204377	419437	14.81%	1.023%
18	10.594	1228	1235	1243	rBV10	59089	162084	5.72%	0.395%
19	10.711	1250	1255	1264	rBV3	85947	194420	6.86%	0.474%
20	10.793	1264	1269	1274	rBV4	53138	97554	3.44%	0.238%
21	10.935	1286	1293	1295	rBV5	51011	99401	3.51%	0.242%
22	10.999	1296	1304	1306	rBV3	155603	313491	11.07%	0.765%
23	11.134	1322	1327	1337	rVB3	150481	358768	12.67%	0.875%
24	11.228	1337	1343	1352	rVB5	114767	239206	8.44%	0.583%
25	11.393	1365	1371	1375	rVV5	72835	128385	4.53%	0.313%
26	11.452	1376	1381	1383	rVV4	64306	110658	3.91%	0.270%
27	11.493	1383	1388	1396	rVB2	217647	500992	17.69%	1.222%
28	11.604	1402	1407	1413	rBV3	89147	179528	6.34%	0.438%
29	11.681	1415	1420	1422	rVV3	112031	197528	6.97%	0.482%
30	11.716	1423	1426	1434	rVB6	166255	292415	10.32%	0.713%
31	11.792	1434	1439	1443	rBV5	69280	110718	3.91%	0.270%
32	11.857	1444	1450	1454	rVV8	46930	102943	3.63%	0.251%
33	11.927	1457	1462	1468	rVB	198848	381764	13.48%	0.931%
34	12.027	1473	1479	1483	rBV	332650	516312	18.23%	1.259%
35	12.063	1483	1485	1490	rVV5	54225	84567	2.99%	0.206%
36	12.115	1490	1494	1501	rVB3	160986	282893	9.99%	0.690%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
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Acq On : 29 Dec 2020 18:59
Operator : CG/JU
Sample : L5227-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C5-GW

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-BG121720.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.204	1504	1509	1515	rVB3	286029	497282	17.56%	1.213%
38	12.333	1528	1531	1537	rVB7	89938	149203	5.27%	0.364%
39	12.403	1537	1543	1548	rBV3	108456	277751	9.81%	0.677%
40	12.556	1565	1569	1574	rVV2	222956	348488	12.30%	0.850%
41	12.627	1578	1581	1589	rVB4	174335	311165	10.98%	0.759%
42	12.756	1598	1603	1608	rVB5	78078	141794	5.01%	0.346%
43	12.815	1608	1613	1614	rBV4	64876	93494	3.30%	0.228%
44	12.909	1625	1629	1634	rBV2	360995	615381	21.72%	1.501%
45	12.991	1640	1643	1646	rVB	131544	169118	5.97%	0.412%
46	13.044	1649	1652	1657	rVV6	77686	134765	4.76%	0.329%
47	13.103	1658	1662	1669	rVB5	141286	279784	9.88%	0.682%
48	13.167	1669	1673	1679	rBV6	129671	244003	8.61%	0.595%
49	13.220	1679	1682	1686	rVV4	92050	121239	4.28%	0.296%
50	13.355	1700	1705	1713	rVB2	561861	939311	33.16%	2.291%
51	13.449	1715	1721	1726	rVV	1105285	1646204	58.11%	4.015%
52	13.531	1732	1735	1741	rVB5	82077	123411	4.36%	0.301%
53	13.766	1761	1775	1780	rBV2	307251	803469	28.36%	1.960%
54	13.860	1787	1791	1800	rVB3	153711	399130	14.09%	0.973%
55	13.984	1808	1812	1815	rBV3	394517	667972	23.58%	1.629%
56	14.143	1828	1839	1844	rBV3	555211	1245959	43.99%	3.039%
57	14.254	1853	1858	1860	rBV3	239175	383146	13.53%	0.934%
58	14.289	1860	1864	1868	rVV	750680	1045801	36.92%	2.551%
59	14.331	1868	1871	1875	rVV5	149896	211188	7.46%	0.515%
60	14.383	1875	1880	1890	rVB4	354296	832378	29.38%	2.030%
61	14.466	1891	1894	1897	rBV4	60444	82344	2.91%	0.201%
62	14.548	1904	1908	1912	rBV	175981	306956	10.84%	0.749%
63	14.660	1923	1927	1931	rVB6	142150	215889	7.62%	0.527%
64	14.783	1943	1948	1949	rBV4	113538	183463	6.48%	0.447%
65	14.818	1951	1954	1959	rVB2	325404	492232	17.38%	1.200%
66	14.871	1960	1963	1964	rBV2	94527	100869	3.56%	0.246%
67	15.030	1984	1990	1998	rVB3	356385	820810	28.98%	2.002%
68	15.106	1999	2003	2005	rBV2	132094	189566	6.69%	0.462%
69	15.206	2015	2020	2029	rVB3	461912	988917	34.91%	2.412%
70	15.288	2029	2034	2037	rBV	412117	610687	21.56%	1.489%
71	15.435	2053	2059	2063	rBV	428379	819161	28.92%	1.998%
72	15.482	2064	2067	2071	rVB	302598	426405	15.05%	1.040%
73	15.606	2082	2088	2091	rBV5	227828	466682	16.47%	1.138%
74	15.852	2126	2130	2133	rBV4	183214	314893	11.12%	0.768%
75	15.993	2151	2154	2157	rBV	139681	150115	5.30%	0.366%
76	16.046	2160	2163	2172	rVB2	585221	1171919	41.37%	2.858%

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Operator : CG/JU
Sample : L5227-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C5-GW

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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	16.140	2174	2179	2183	rBV7	151787	322918	11.40%	0.788%
78	16.305	2202	2207	2213	rVB	1117681	1587253	56.03%	3.871%
79	16.528	2239	2245	2250	rVB2	1113437	1621349	57.24%	3.954%
80	16.916	2307	2311	2316	rVB5	254776	447931	15.81%	1.092%
81	17.345	2379	2384	2389	rBV	599637	911465	32.18%	2.223%
82	17.562	2417	2421	2425	rVB	288295	368114	13.00%	0.898%
83	17.821	2463	2465	2468	rBV3	71157	95962	3.39%	0.234%
84	17.950	2484	2487	2493	rBV5	172455	259172	9.15%	0.632%
85	18.432	2565	2569	2572	rBV	235278	344260	12.15%	0.840%
86	18.479	2573	2577	2582	rVB	274266	413400	14.59%	1.008%
87	18.608	2596	2599	2605	rVV3	143134	258823	9.14%	0.631%
88	18.661	2605	2608	2614	rVB2	163134	247725	8.75%	0.604%
89	19.160	2690	2693	2699	rVB6	152118	191639	6.77%	0.467%
90	19.213	2699	2702	2705	rVB	101754	125743	4.44%	0.307%
91	19.331	2718	2722	2726	rBV2	285555	390515	13.79%	0.952%
92	19.466	2742	2745	2751	rBV5	63172	129141	4.56%	0.315%
93	19.589	2763	2766	2772	rVB2	82535	125925	4.45%	0.307%
94	19.959	2826	2829	2836	rVB3	159779	257568	9.09%	0.628%
95	20.024	2836	2840	2845	rVB	118713	188386	6.65%	0.459%
96	20.141	2855	2860	2865	rVB	2251795	2832677	100.00%	6.908%
97	21.399	3070	3074	3078	rBV	81163	102936	3.63%	0.251%
98	21.440	3078	3081	3090	rVB5	70527	113578	4.01%	0.277%
99	21.828	3141	3147	3154	rVB	332493	596508	21.06%	1.455%
100	25.177	3708	3717	3727	rVB	217559	637591	22.51%	1.555%

Sum of corrected areas: 41002981

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
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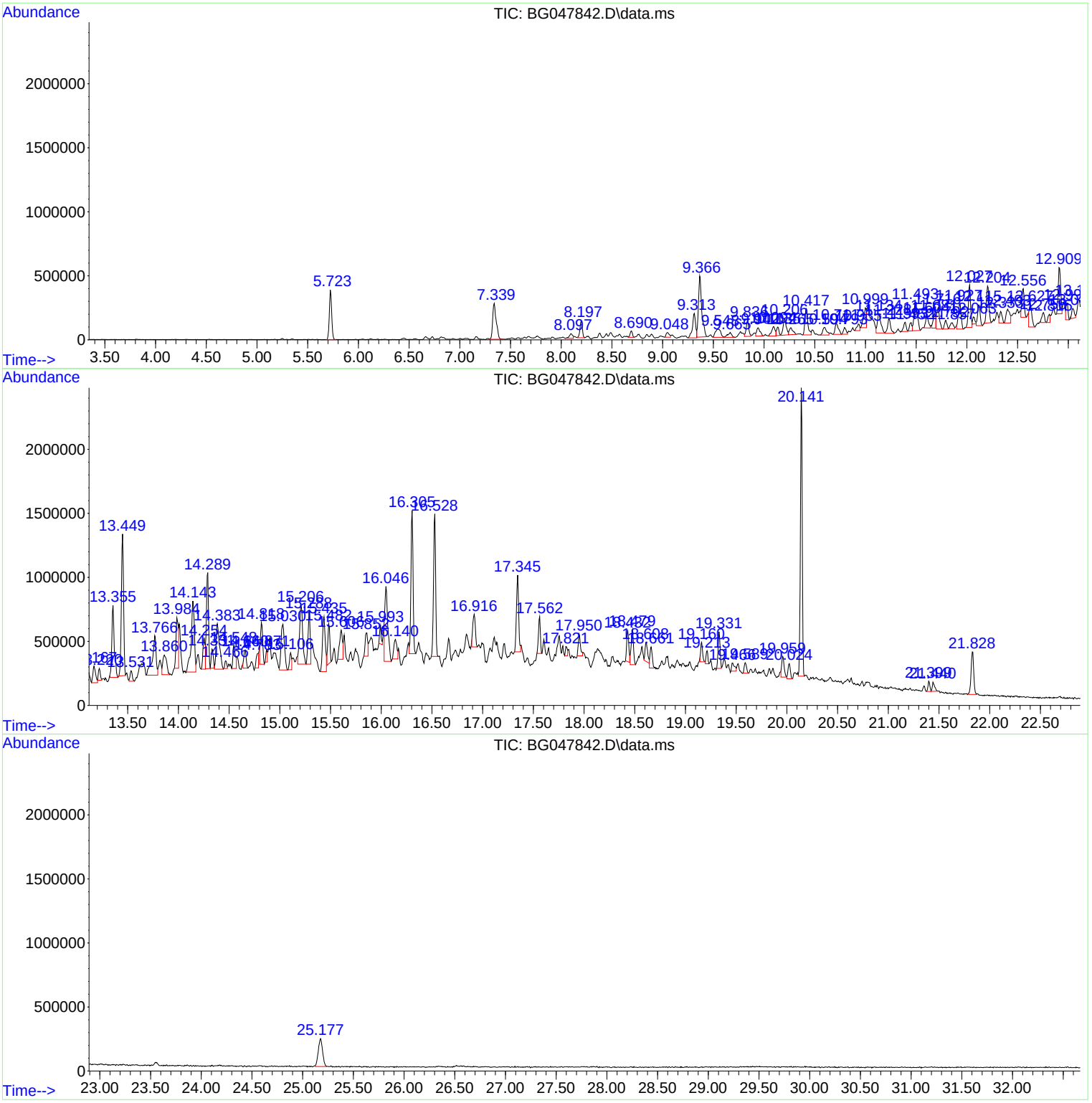
Operator : CG/JU
Sample : L5227-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OWL-C5-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047842.D
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Misc :
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Instrument : BNA_G
ClientSampleId : OWL-C5-GW

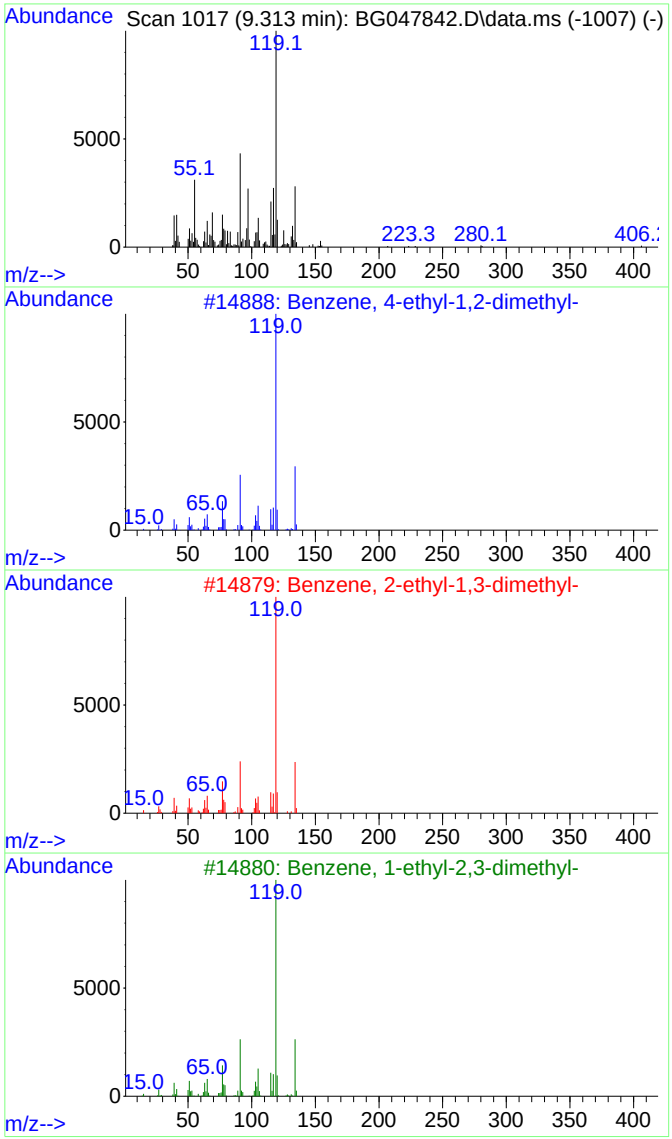
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

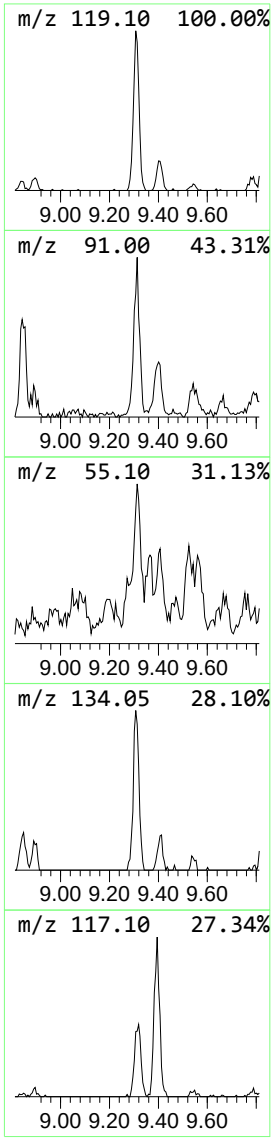
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.313	38.29 ng	415349	1,4-Dichlorobenzene-d4	8.197

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	70
5	o-Cymene	134	C10H14	000527-84-4	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047842.D
Acq On : 29 Dec 2020 18:59
Operator : CG/JU
Sample : L5227-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C5-GW

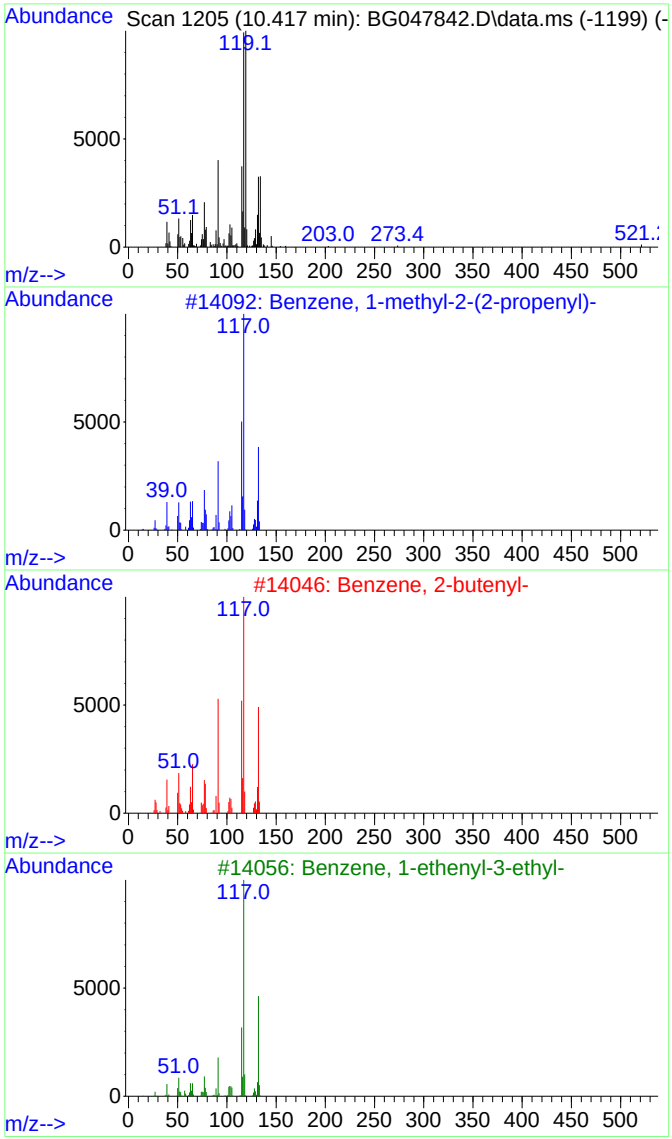
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

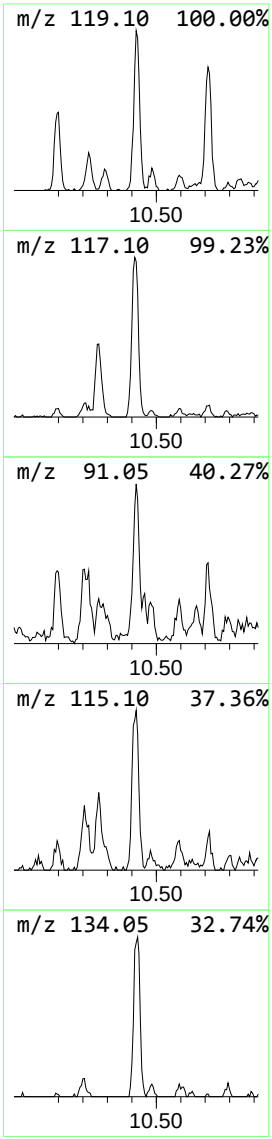
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-methyl-2-(2-prop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.418	26.76 ng	419437	Naphthalene-d8	11.023

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	78
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	64
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047842.D
Acq On : 29 Dec 2020 18:59
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Sample : L5227-04
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Instrument : BNA_G
ClientSampleId : OWL-C5-GW

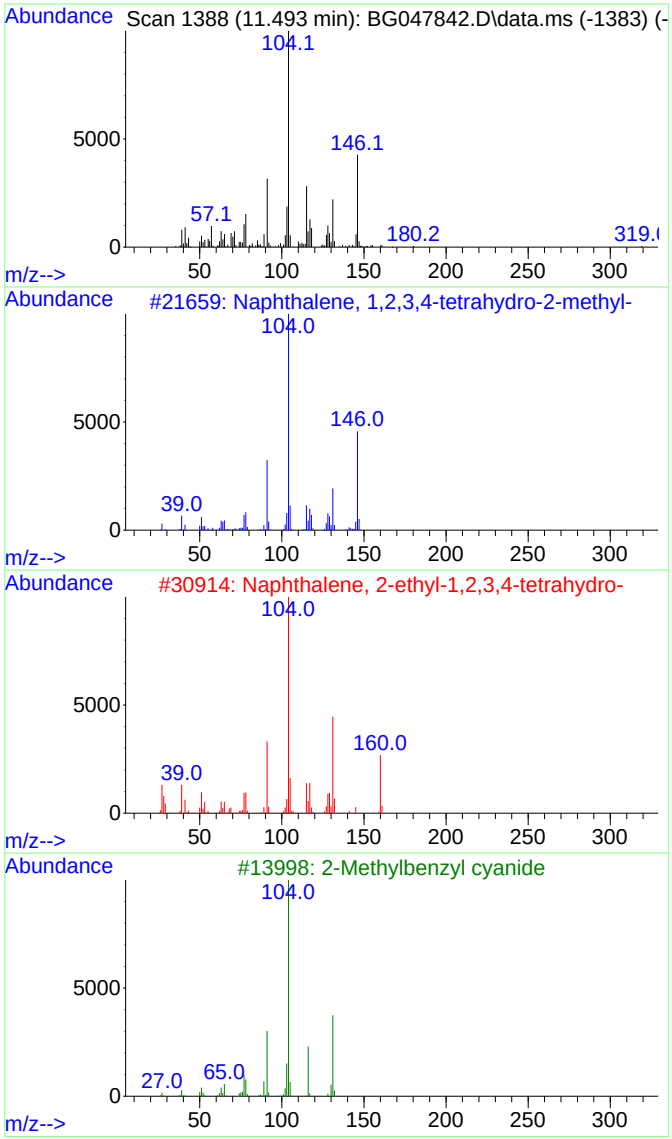
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

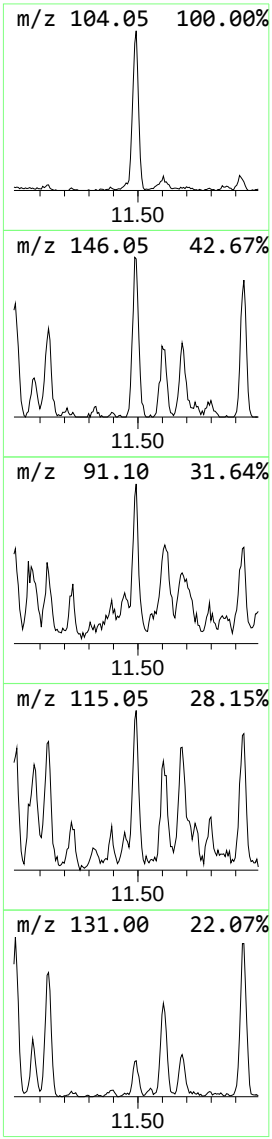
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.493	31.96 ng	500992	Naphthalene-d8	11.023

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	83
2	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	47
3	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	45
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-92-1	38
5	2-Methylbenzyl alcohol, trifluor...	218	C10H9F3O2	1000364-57-0	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047842.D
Acq On : 29 Dec 2020 18:59
Operator : CG/JU
Sample : L5227-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C5-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

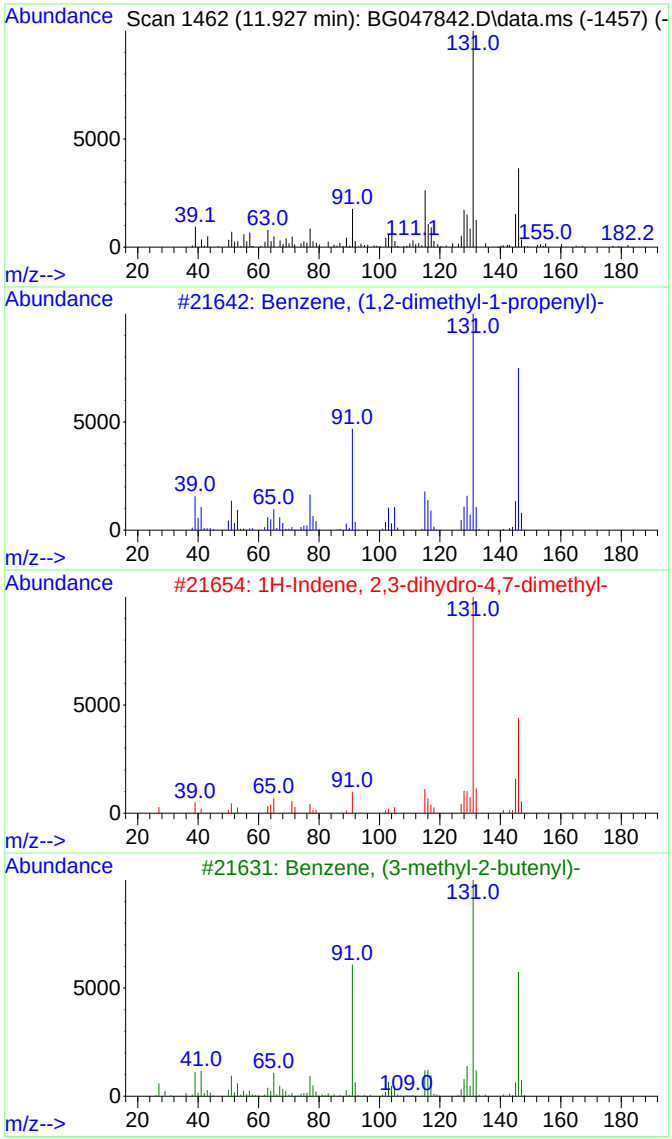
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

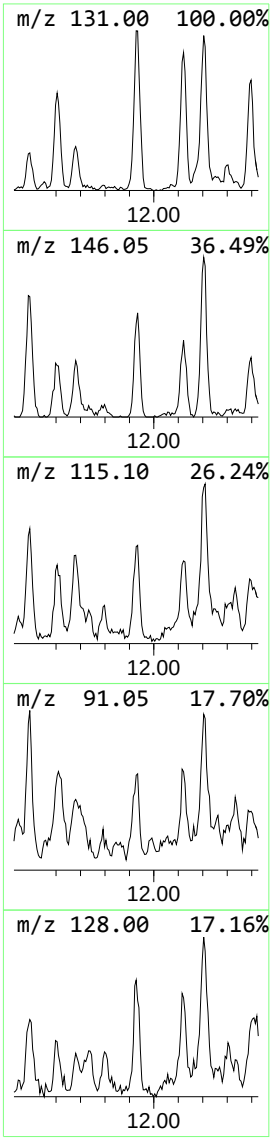
****

Peak Number 4 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.928	24.36 ng	381764	Naphthalene-d8	11.023

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047842.D
Acq On : 29 Dec 2020 18:59
Operator : CG/JU
Sample : L5227-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C5-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

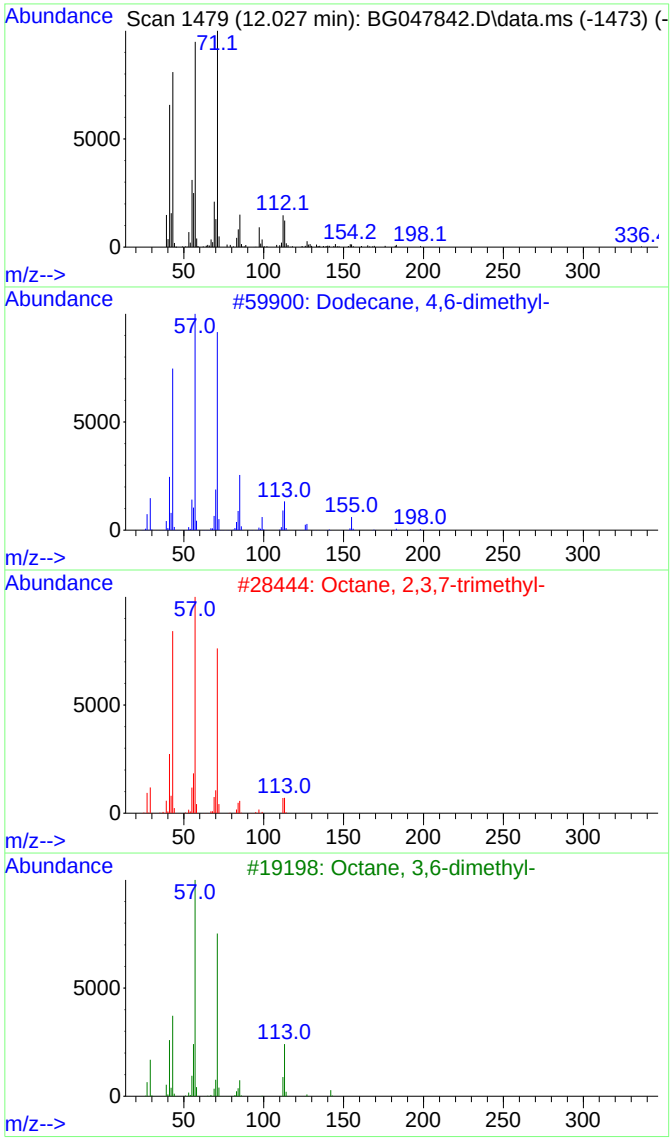
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

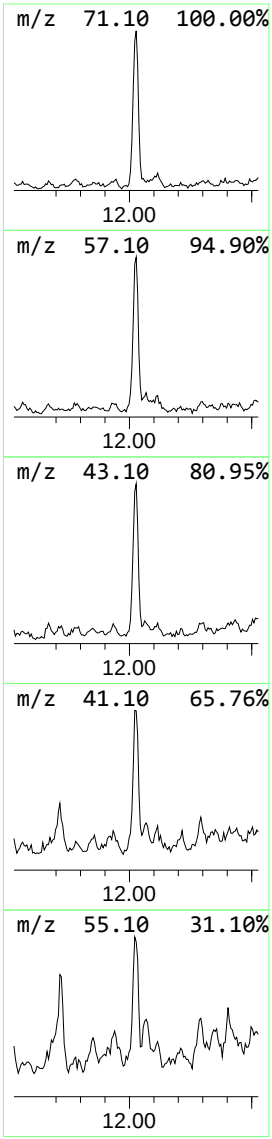
****

Peak Number 5 Dodecane, 4,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.027	32.94 ng	516312	Naphthalene-d8	11.023

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
2	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	53
5	Octane, 2-iodo-	240	C8H17I	000557-36-8	50





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Data File : BG047842.D
Acq On : 29 Dec 2020 18:59
Operator : CG/JU
Sample : L5227-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OWL-C5-GW

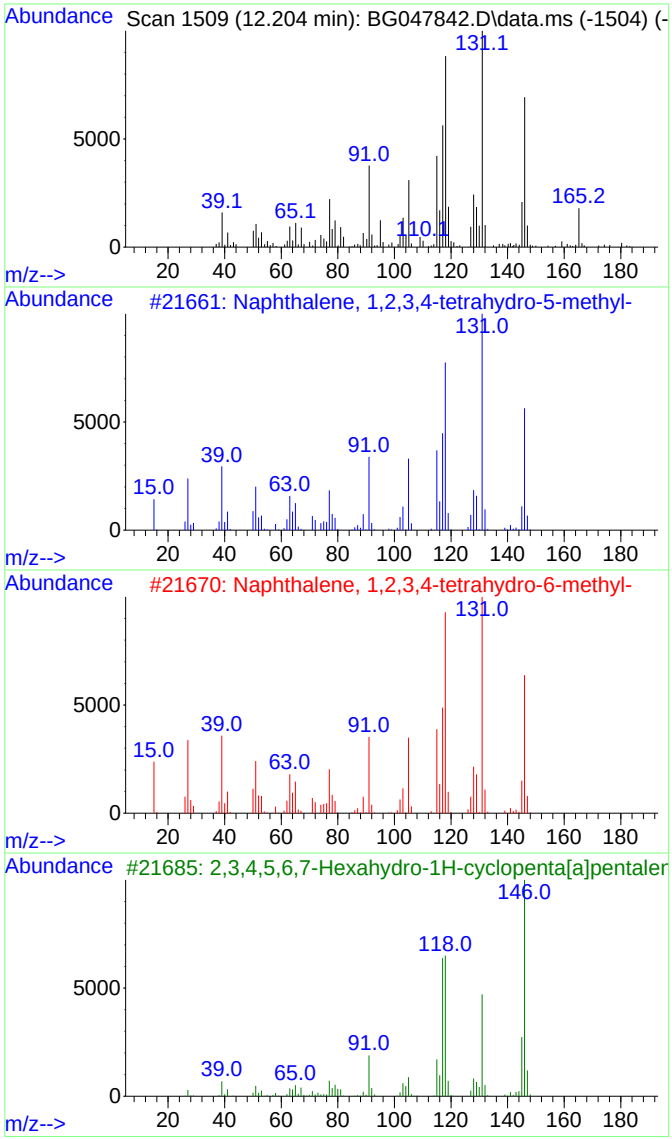
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

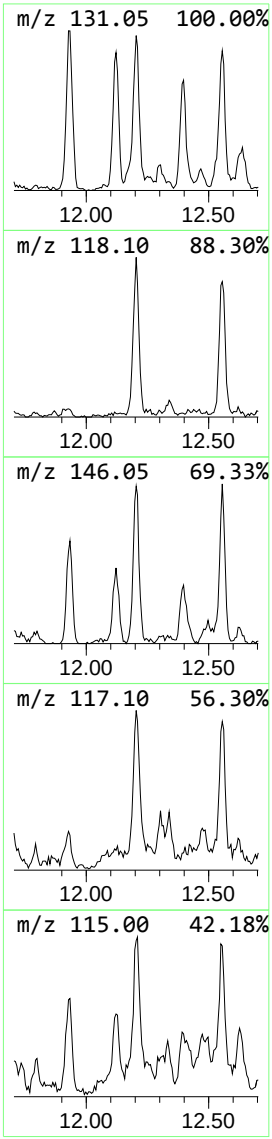
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.204	31.73 ng	497282	Naphthalene-d8	11.023

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	87
4	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	58
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	53





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Acq On : 29 Dec 2020 18:59
Operator : CG/JU
Sample : L5227-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C5-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

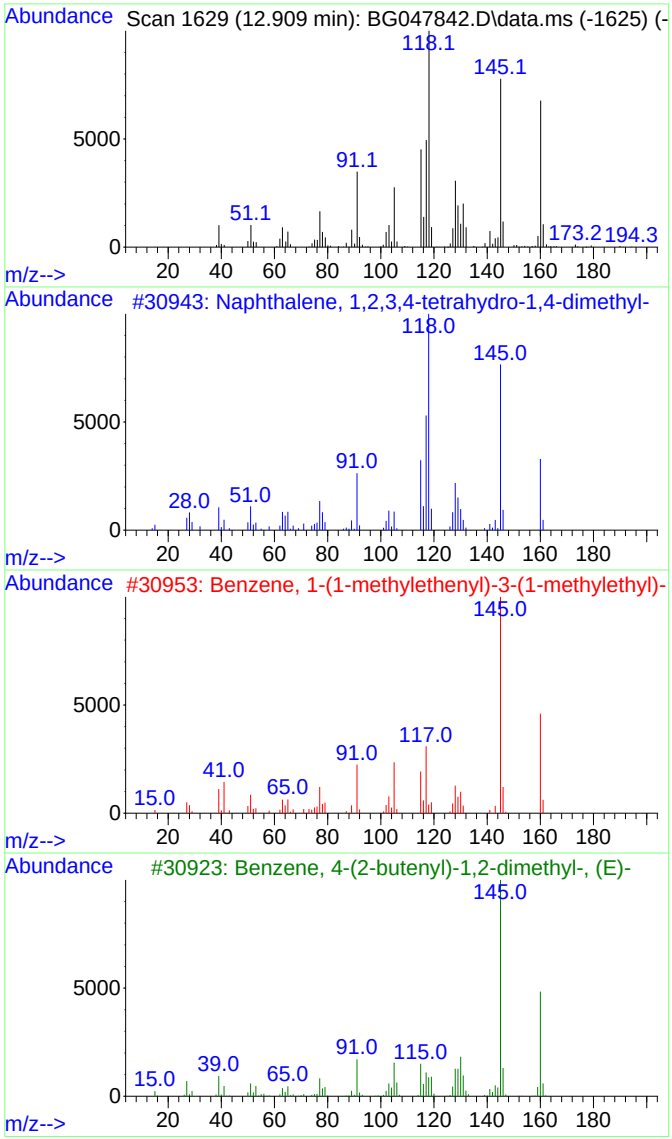
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

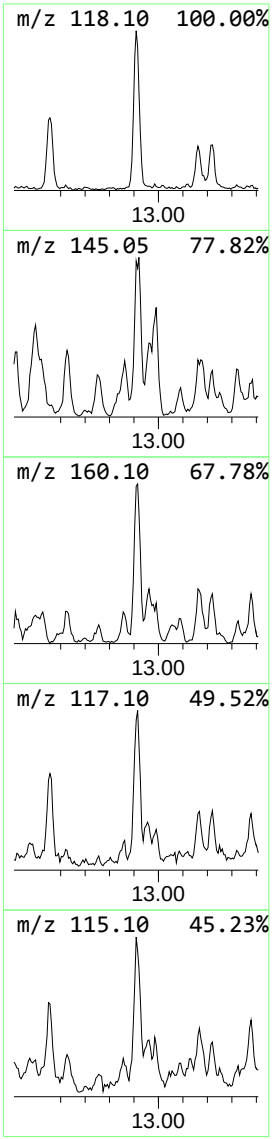
****

Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.909	39.26 ng	615381	Naphthalene-d8	11.023

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	53
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	53
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	50
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	49





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Acq On : 29 Dec 2020 18:59
Operator : CG/JU
Sample : L5227-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C5-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

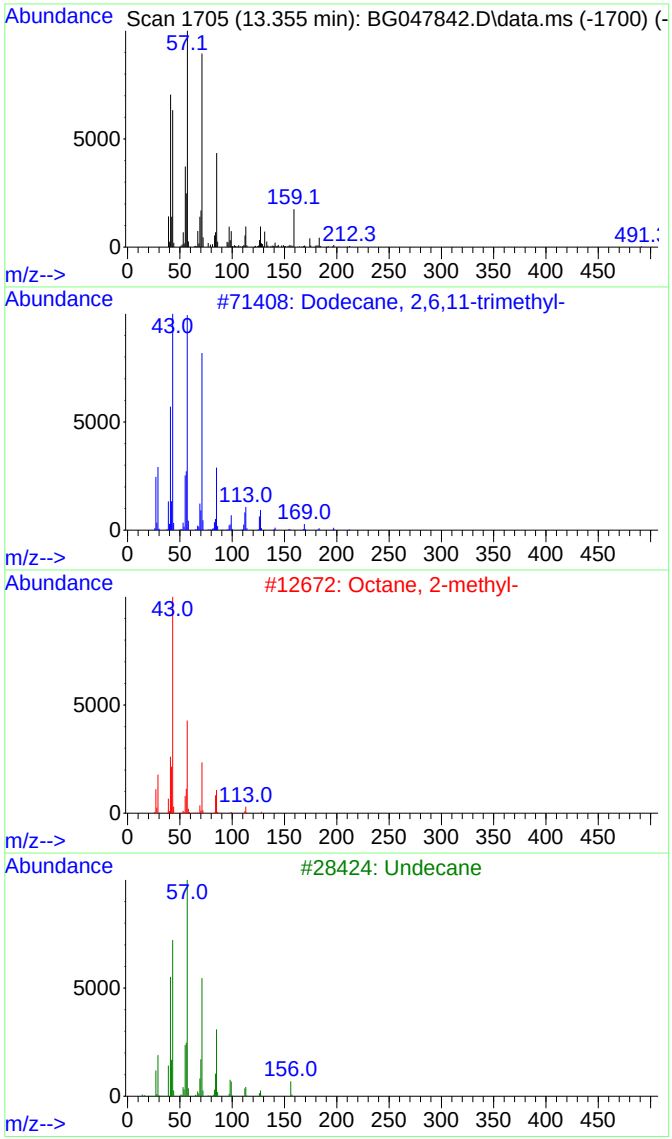
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

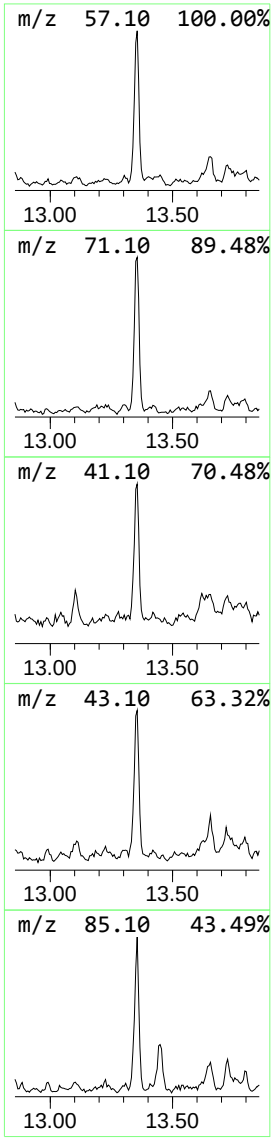
****

Peak Number 8 Dodecane, 2,6,11-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.355	38.17 ng	939311	Acenaphthene-d10	14.824

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	89
2	Octane, 2-methyl-	128	C9H20	003221-61-2	74
3	Undecane	156	C11H24	001120-21-4	72
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	68
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047842.D
Acq On : 29 Dec 2020 18:59
Operator : CG/JU
Sample : L5227-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C5-GW

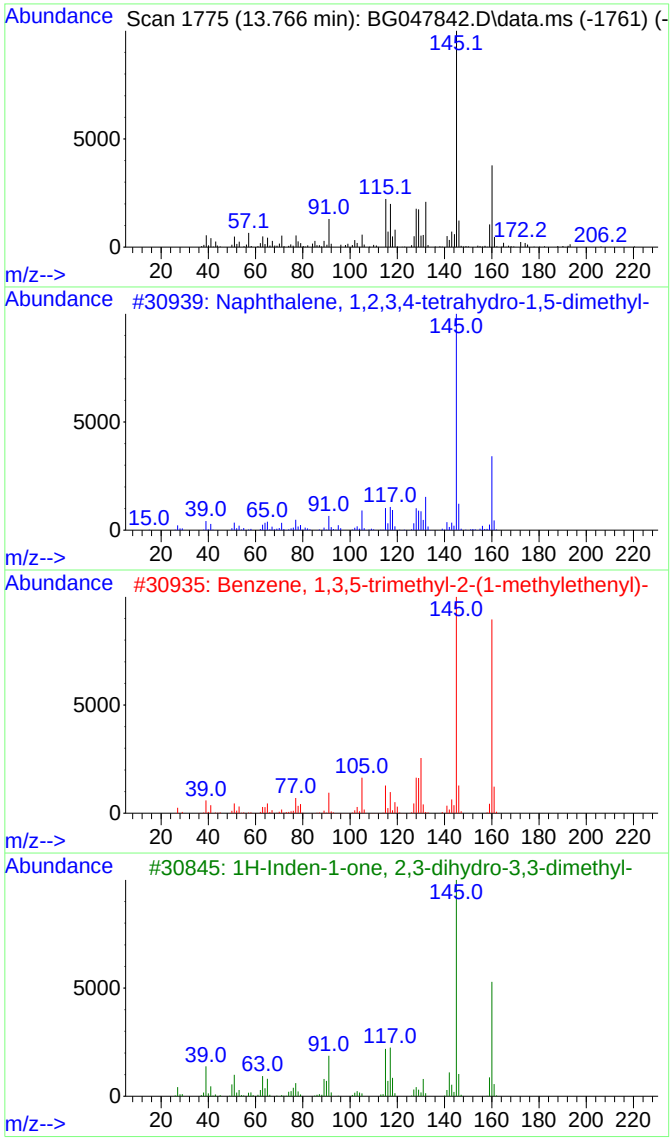
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

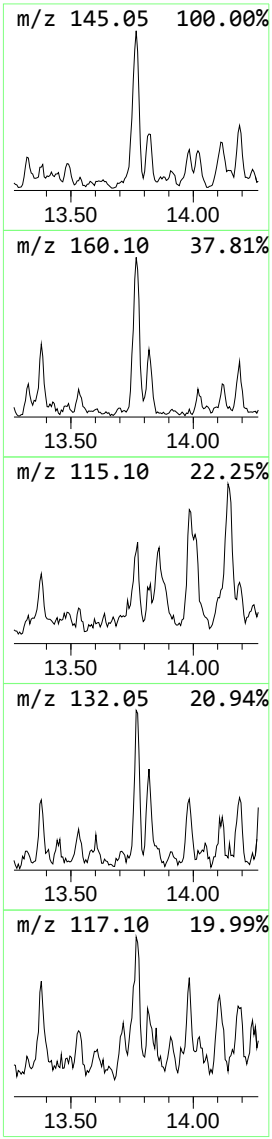
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.767	32.65 ng	803469	Acenaphthene-d10	14.824

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	90
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	83
3	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	81
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	76
5	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
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Acq On : 29 Dec 2020 18:59
Operator : CG/JU
Sample : L5227-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C5-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

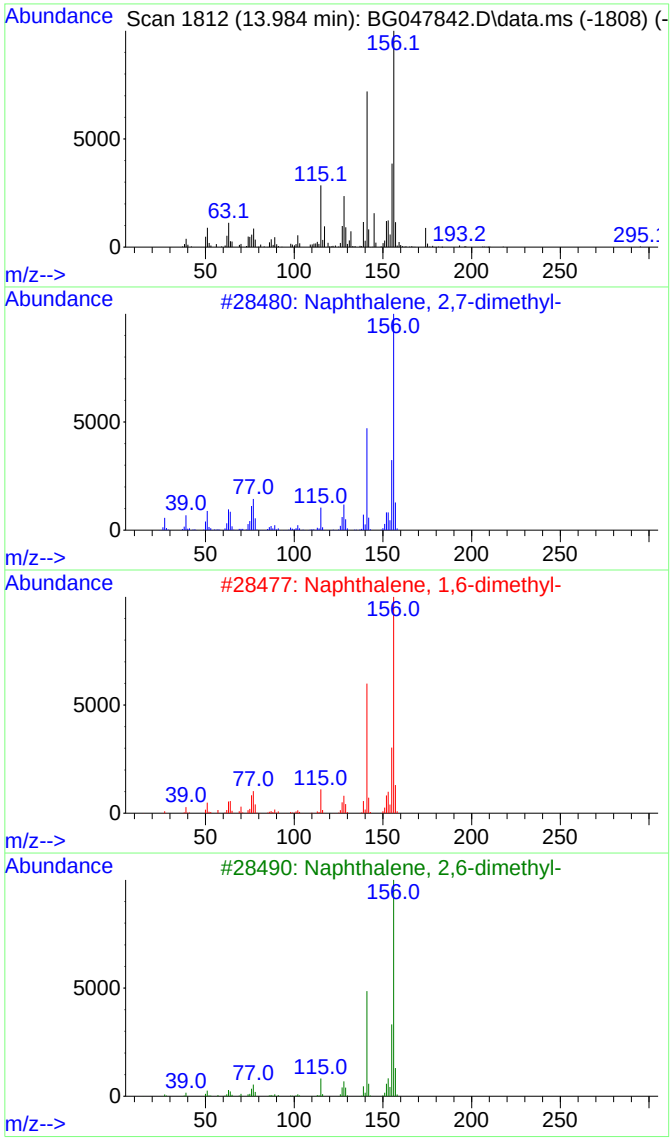
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

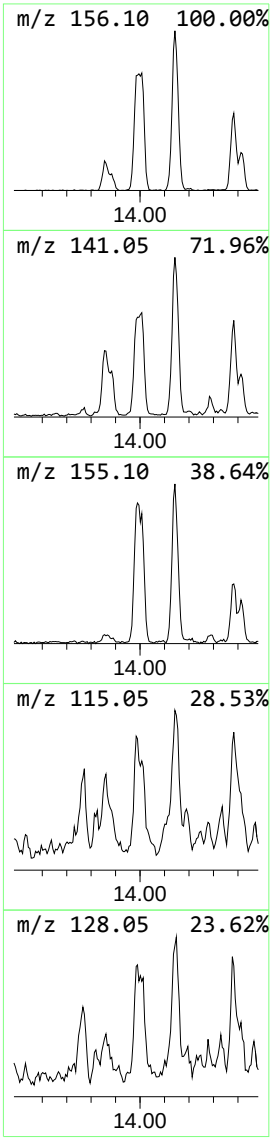
****

Peak Number 10 Naphthalene, 2,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.984	27.14 ng	667972	Acenaphthene-d10	14.824

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
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Acq On : 29 Dec 2020 18:59
Operator : CG/JU
Sample : L5227-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C5-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

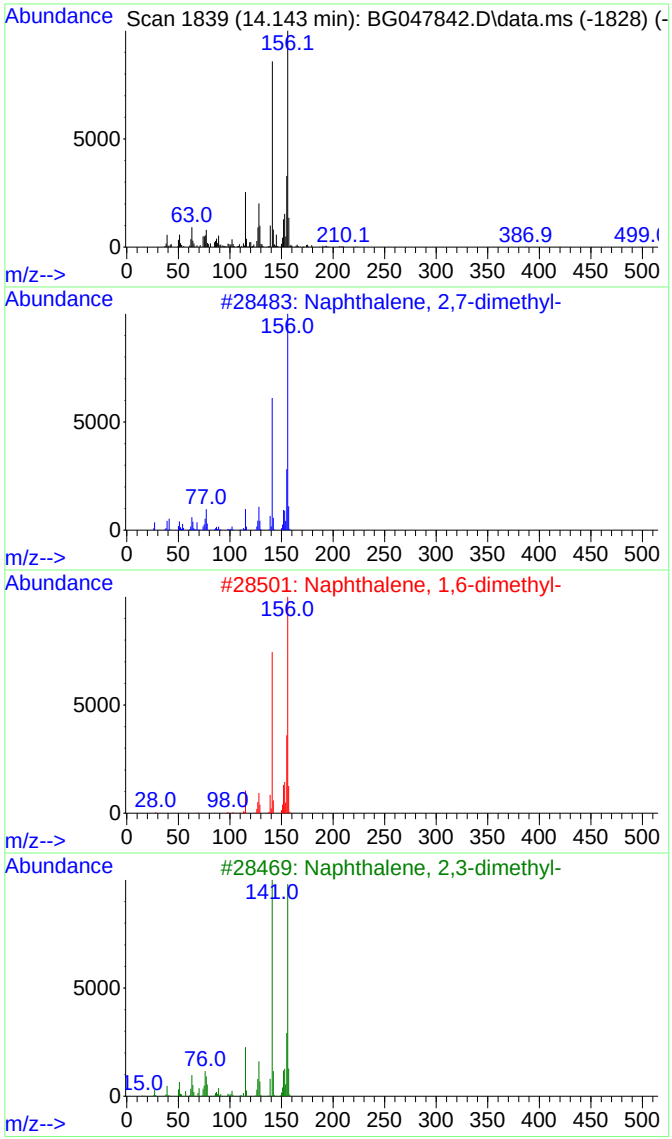
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

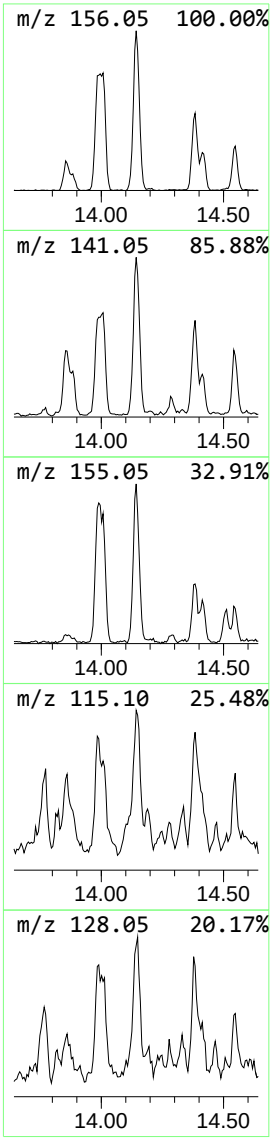
****

Peak Number 11 Naphthalene, 1,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.143	50.62 ng	1245960	Acenaphthene-d10	14.824

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047842.D
Acq On : 29 Dec 2020 18:59
Operator : CG/JU
Sample : L5227-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C5-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

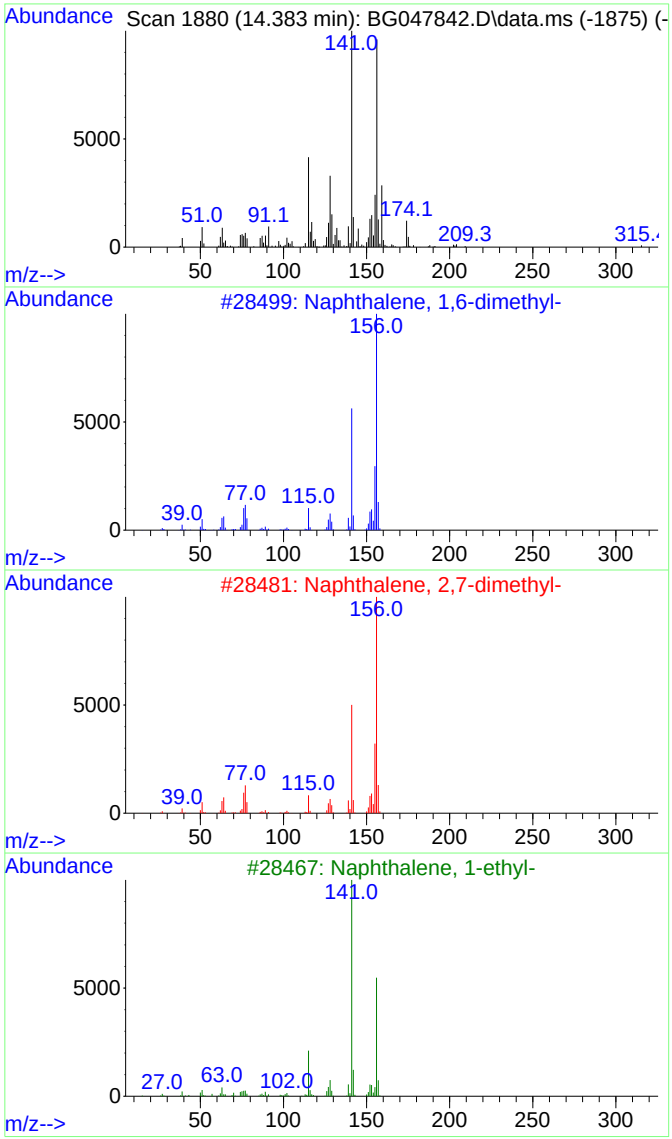
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

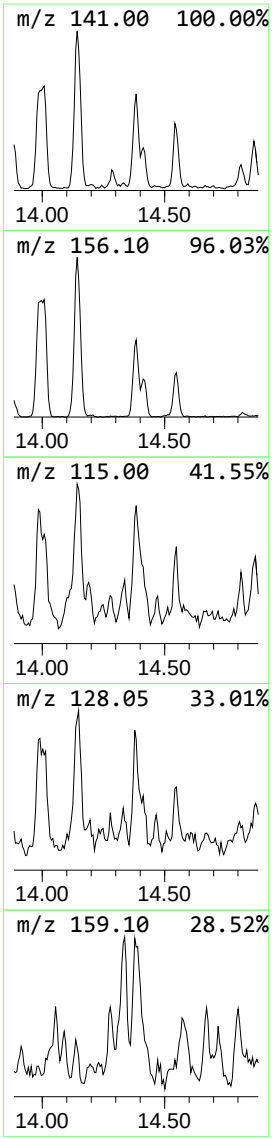
****

Peak Number 12 Naphthalene, 1-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	33.82 ng	832378	Acenaphthene-d10	14.824

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	92
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	86





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Data File : BG047842.D
Acq On : 29 Dec 2020 18:59
Operator : CG/JU
Sample : L5227-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OWL-C5-GW

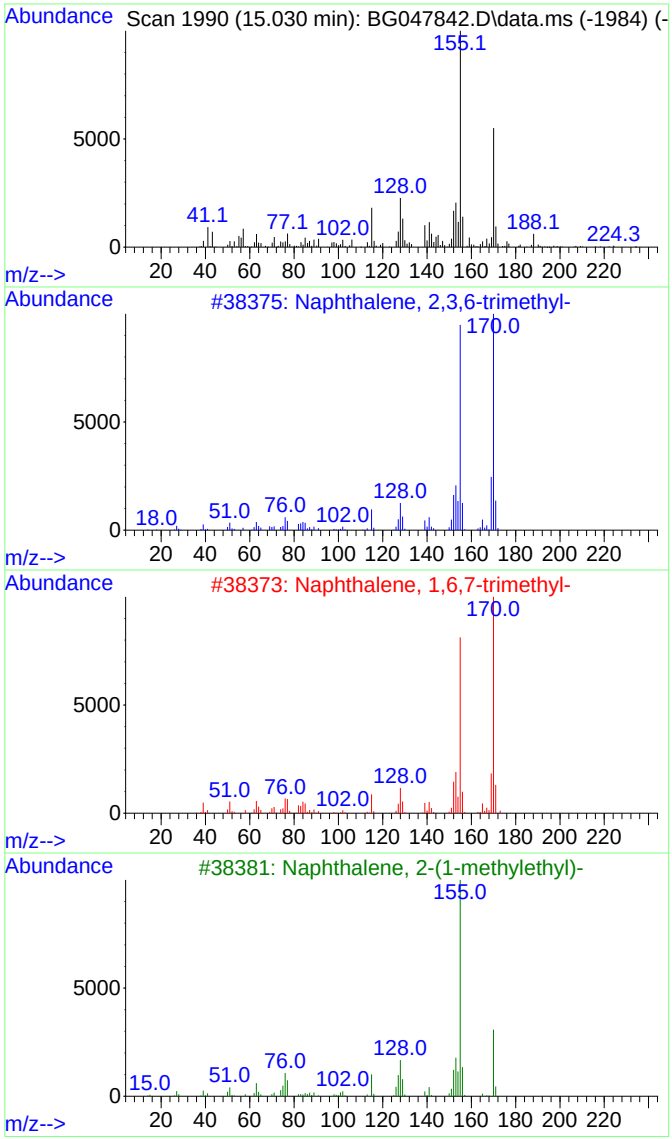
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

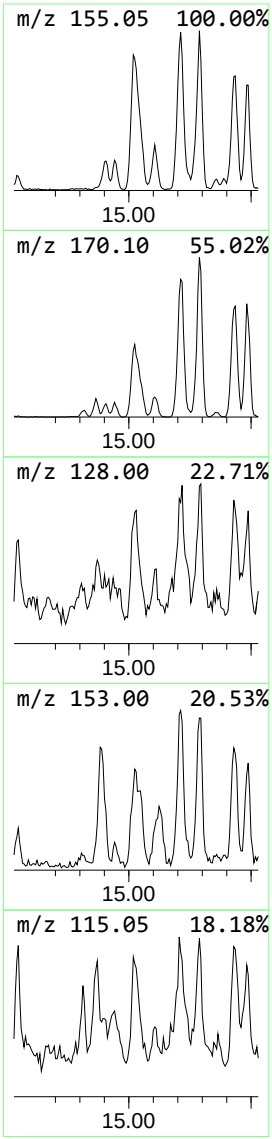
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.030	33.35 ng	820810	Acenaphthene-d10	14.824

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	94
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	93
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93





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Acq On : 29 Dec 2020 18:59
Operator : CG/JU
Sample : L5227-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C5-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

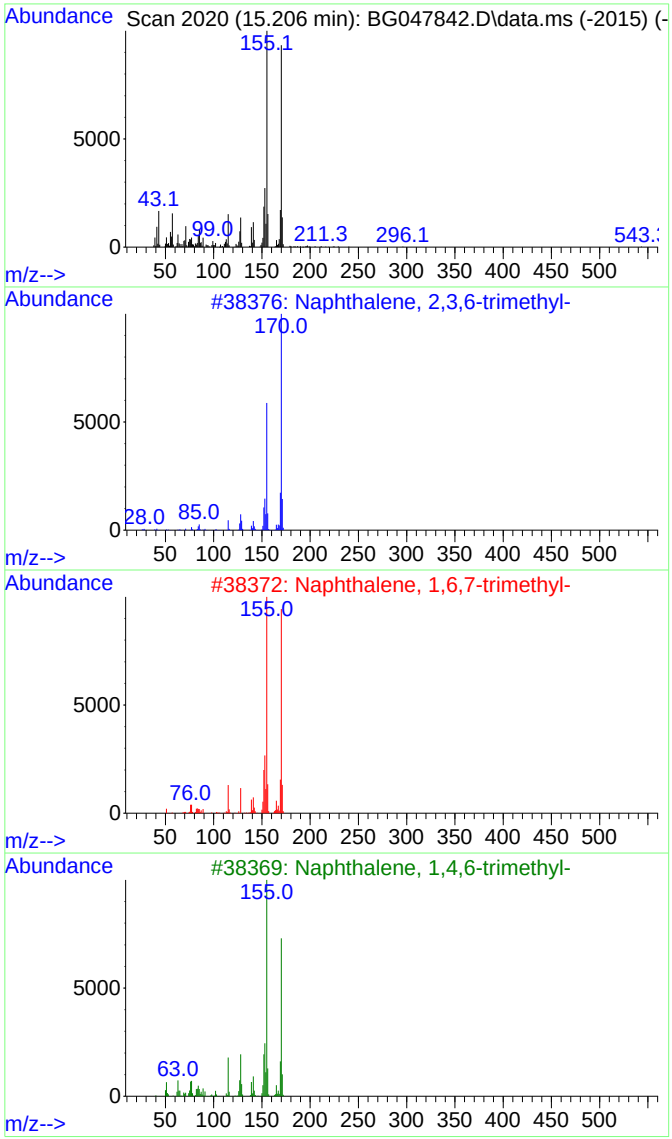
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

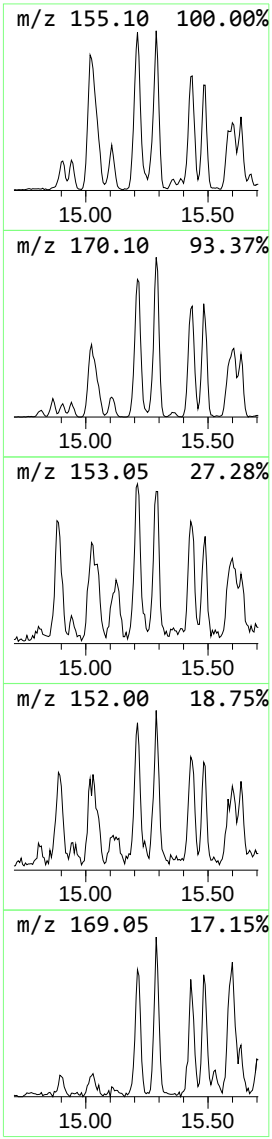
****

Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.206	40.18 ng	988917	Acenaphthene-d10	14.824

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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Sample : L5227-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C5-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.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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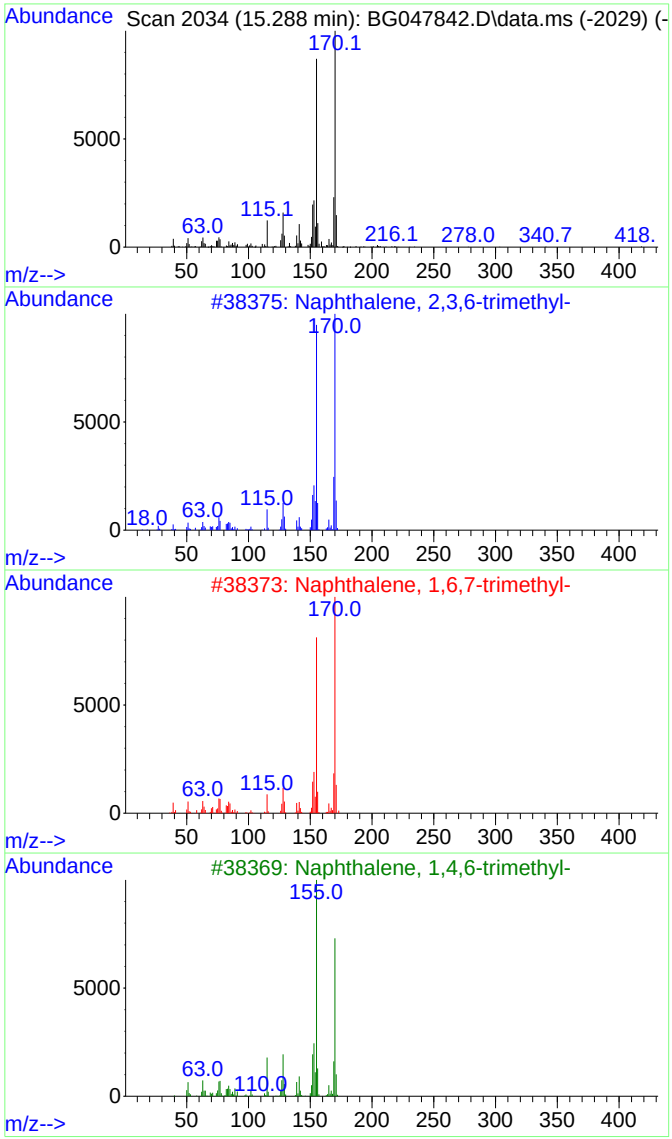
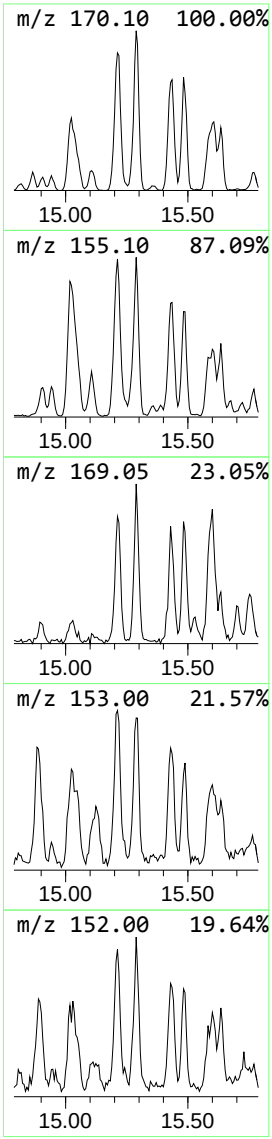
Peak Number 15 Naphthalene, 1,4,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.288	24.81 ng	610687	Acenaphthene-d10	14.824

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91





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Operator : CG/JU
Sample : L5227-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C5-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.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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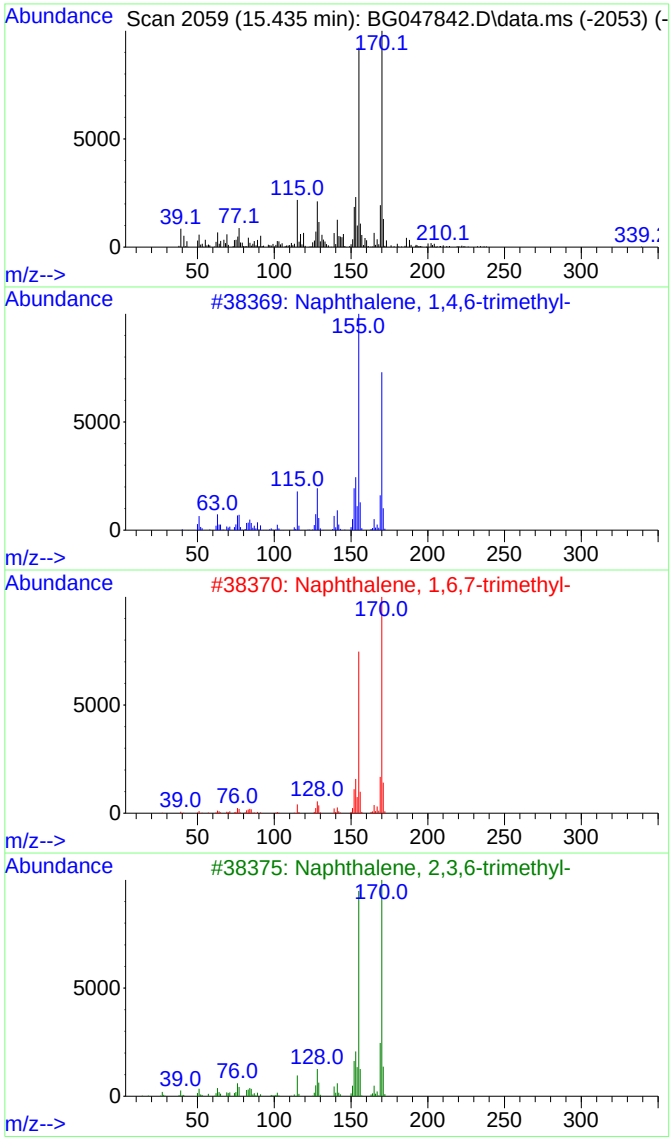
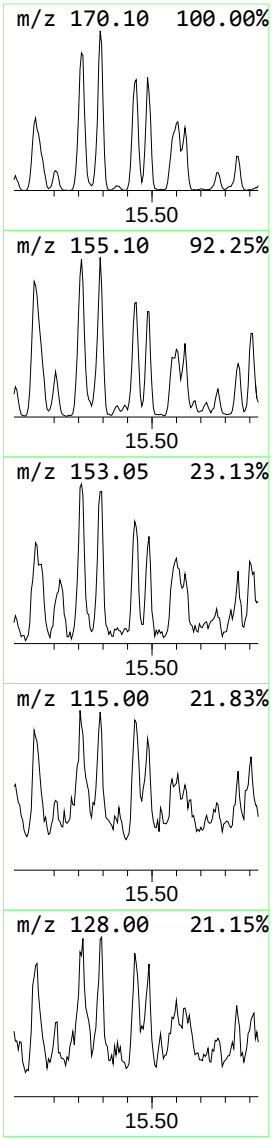
Peak Number 16 4,6,8-Trimethylazulene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.435	33.28 ng	819161	Acenaphthene-d10	14.824

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047842.D
Acq On : 29 Dec 2020 18:59
Operator : CG/JU
Sample : L5227-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OWL-C5-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.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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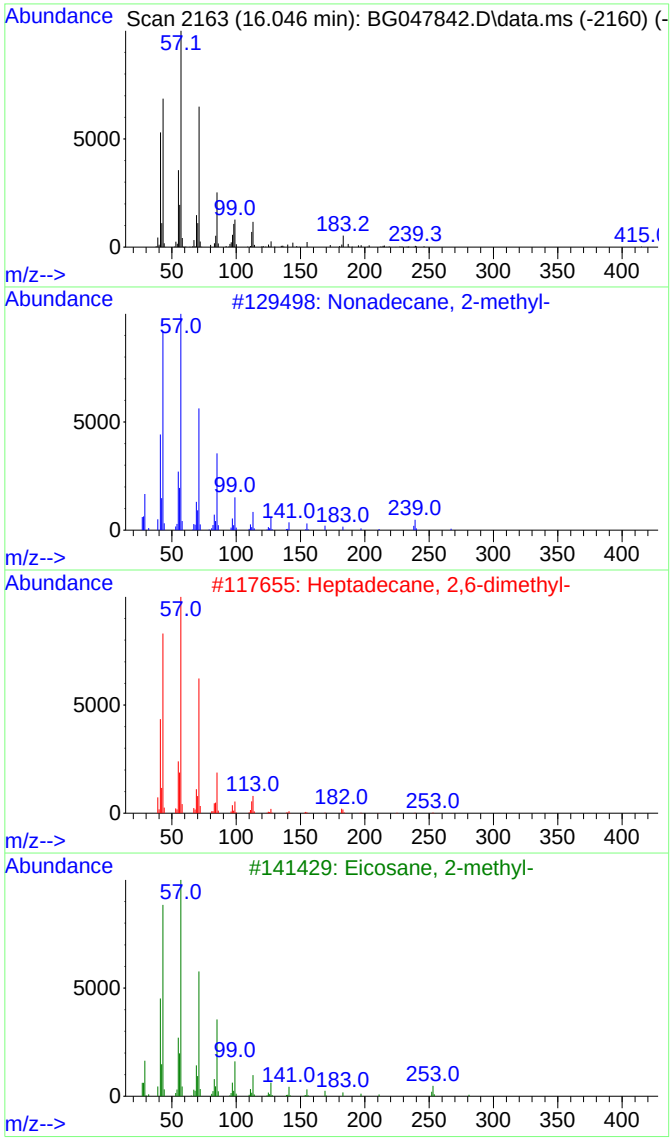
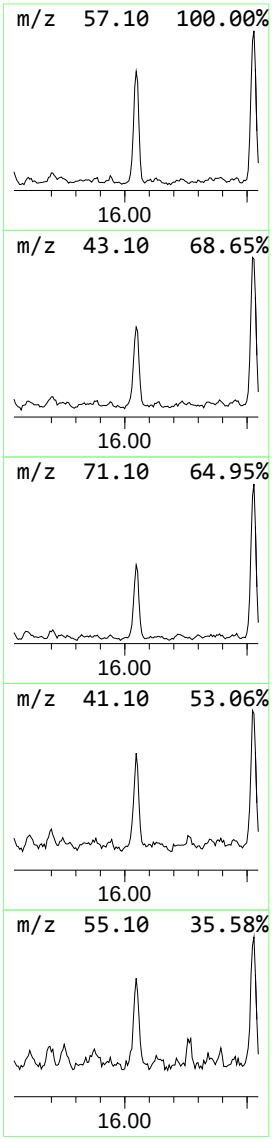
Peak Number 17 Nonadecane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.046	47.62 ng	1171920	Acenaphthene-d10	14.824

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	80
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	80
3	Eicosane, 2-methyl-	296	C21H44	001560-84-5	80
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
5	Hexadecane, 4-methyl-	240	C17H36	025117-26-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047842.D
Acq On : 29 Dec 2020 18:59
Operator : CG/JU
Sample : L5227-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C5-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.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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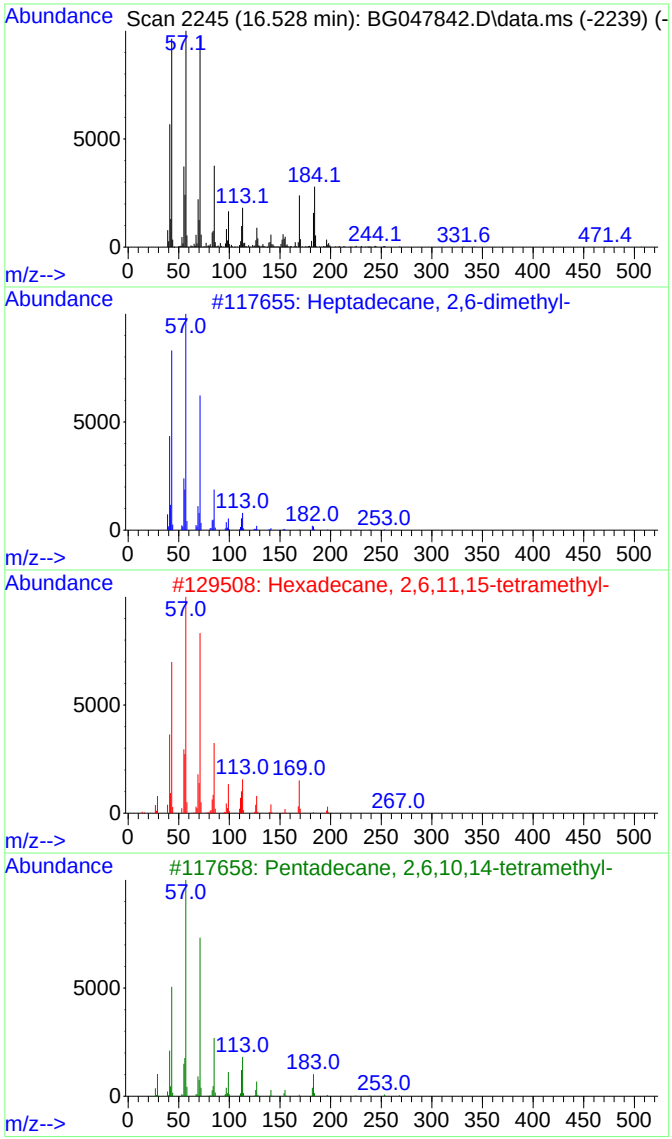
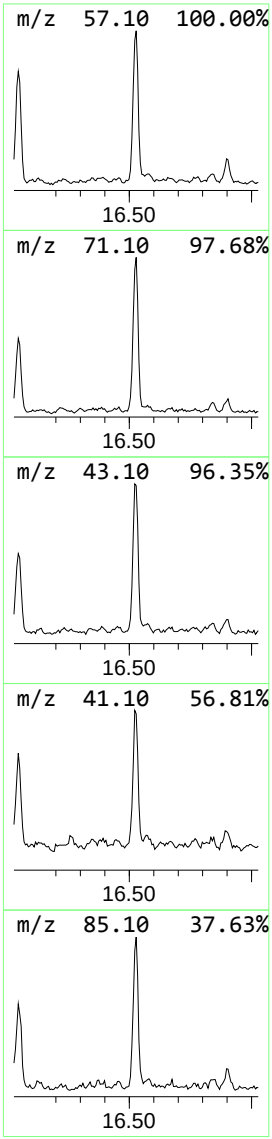
Peak Number 18 Heptadecane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.528	88.09 ng	1621350	Phenanthrene-d10	17.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	70
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	68
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	58
4	Decane, 2-methyl-	156	C11H24	006975-98-0	53
5	Octadecane, 4-methyl-	268	C19H40	010544-95-3	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047842.D
Acq On : 29 Dec 2020 18:59
Operator : CG/JU
Sample : L5227-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OWL-C5-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.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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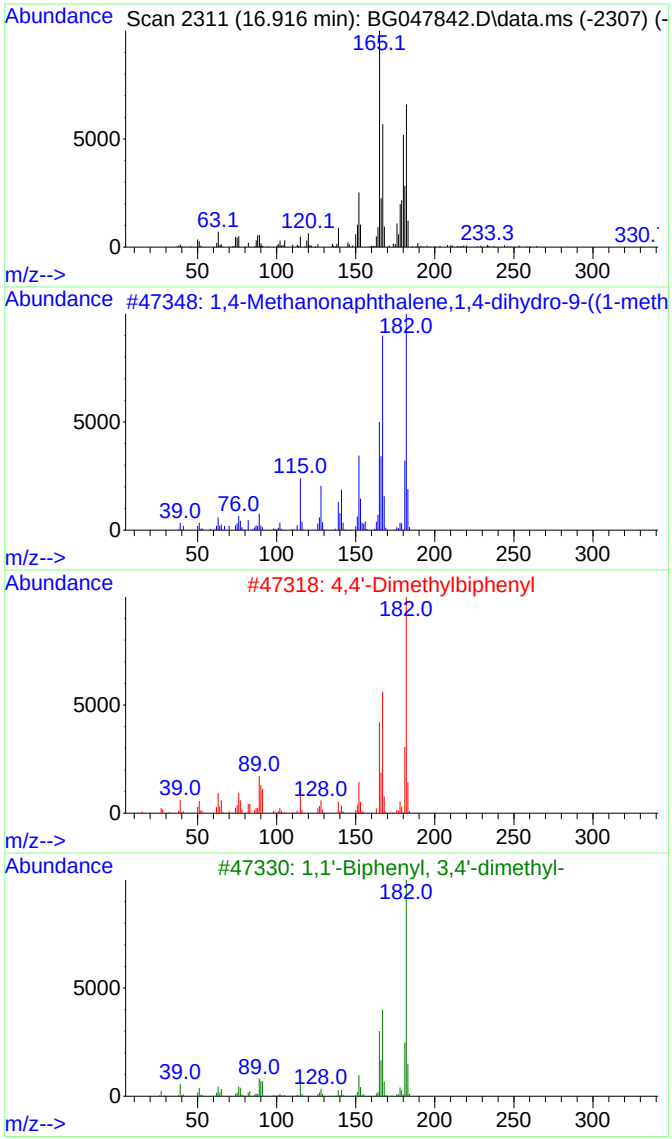
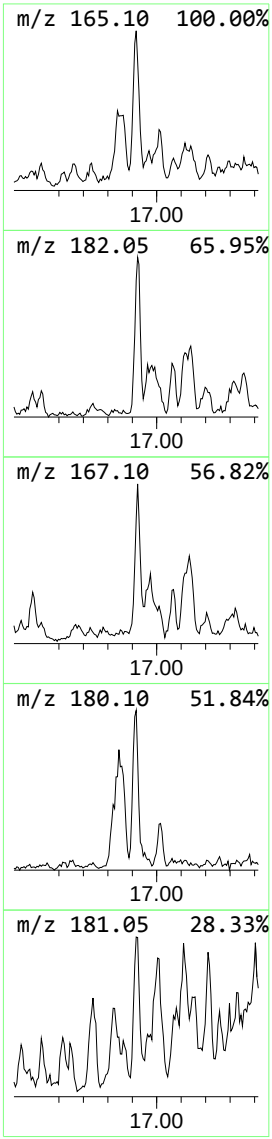
Peak Number 19 1,4-Methanonaphthalene,1,4-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.916	24.34 ng	447931	Phenanthrene-d10	17.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	70
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	60
3	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	53
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	49
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047842.D
Acq On : 29 Dec 2020 18:59
Operator : CG/JU
Sample : L5227-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C5-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.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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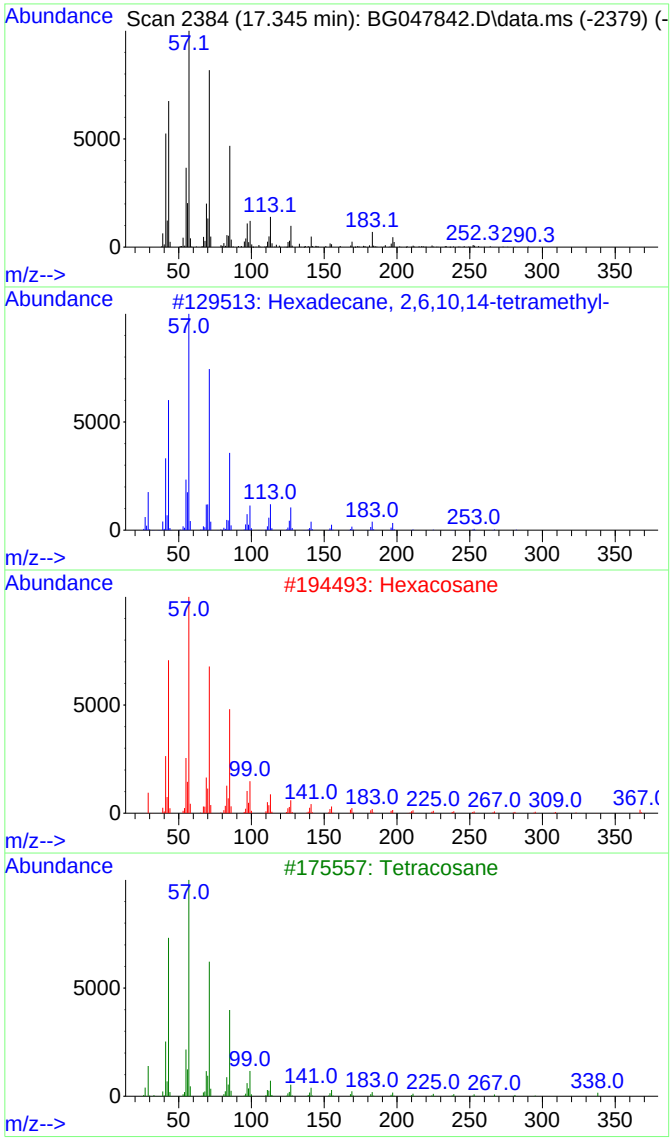
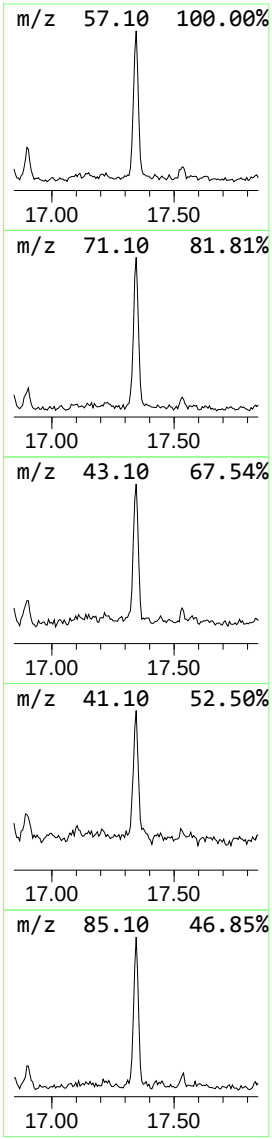
Peak Number 20 Hexadecane, 2,6,10,14-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.345	49.52 ng	911465	Phenanthrene-d10	17.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
2	Hexacosane	366	C26H54	000630-01-3	86
3	Tetracosane	338	C24H50	000646-31-1	86
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	Tritetracontane	605	C43H88	007098-21-7	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047842.D
Acq On : 29 Dec 2020 18:59
Operator : CG/JU
Sample : L5227-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C5-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.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
Benzene, 4-ethy...	9.313	38.3	ng	415349	1	8.197	216941	20.0
Benzene, 1-meth...	10.418	26.8	ng	419437	2	11.023	313491	20.0
Naphthalene, 1,...	11.493	32.0	ng	500992	2	11.023	313491	20.0
Benzene, (1,2-d...	11.928	24.4	ng	381764	2	11.023	313491	20.0
Dodecane, 4,6-d...	12.027	32.9	ng	516312	2	11.023	313491	20.0
Naphthalene, 1,...	12.204	31.7	ng	497282	2	11.023	313491	20.0
Naphthalene, 1,...	12.909	39.3	ng	615381	2	11.023	313491	20.0
Dodecane, 2,6,1...	13.355	38.2	ng	939311	3	14.824	492232	20.0
Benzene, 1,3,5-...	13.767	32.6	ng	803469	3	14.824	492232	20.0
Naphthalene, 2,...	13.984	27.1	ng	667972	3	14.824	492232	20.0
Naphthalene, 1,...	14.143	50.6	ng	1245960	3	14.824	492232	20.0
Naphthalene, 1-...	14.383	33.8	ng	832378	3	14.824	492232	20.0
Naphthalene, 2,...	15.030	33.4	ng	820810	3	14.824	492232	20.0
Naphthalene, 1,...	15.206	40.2	ng	988917	3	14.824	492232	20.0
Naphthalene, 1,...	15.288	24.8	ng	610687	3	14.824	492232	20.0
4,6,8-Trimethyl...	15.435	33.3	ng	819161	3	14.824	492232	20.0
Nonadecane, 2-m...	16.046	47.6	ng	1171920	3	14.824	492232	20.0
Heptadecane, 2,...	16.528	88.1	ng	1621350	4	17.562	368114	20.0
1,4-Methanonaph...	16.916	24.3	ng	447931	4	17.562	368114	20.0
Hexadecane, 2,6...	17.345	49.5	ng	911465	4	17.562	368114	20.0