LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
Data File : BG052439.D
Acq On : 21 Feb 2022 16:11
Operator : CG/JU
Sample : N1600-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA4

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-BG020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG052439.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.755	379	386	394	rBV	422694	698711	8.11%	0.379%
2	7.371	654	661	669	rBV	480662	866498	10.06%	0.470%
3	7.835	735	740	744	rBV	220389	321274	3.73%	0.174%
4	8.751	888	896	903	rBV4	122308	361757	4.20%	0.196%
5	8.880	911	918	923	rBV4	197306	403615	4.68%	0.219%
6	9.344	987	997	1001	rBV3	242131	569193	6.61%	0.309%
7	9.397	1001	1006	1010	rVV	306553	590664	6.86%	0.321%
8	9.462	1010	1017	1022	rVB	1019390	1739740	20.19%	0.944%
9	9.597	1028	1040	1048	rBV8	233662	801109	9.30%	0.435%
10	9.714	1048	1060	1068	rVV6	203335	711451	8.26%	0.386%
11	9.820	1069	1078	1082	rVV7	124643	351148	4.08%	0.191%
12	9.879	1083	1088	1093	rVV2	298511	556945	6.46%	0.302%
13	9.938	1093	1098	1101	rVV	180896	347164	4.03%	0.188%
14	9.979	1101	1105	1115	rVB2	331130	725608	8.42%	0.394%
15	10.126	1122	1130	1134	rBV5	172494	473410	5.49%	0.257%
16	10.179	1134	1139	1144	rVV2	356684	628585	7.30%	0.341%
17	10.243	1144	1150	1155	rVV4	397495	770425	8.94%	0.418%
18	10.320	1155	1163	1170	rVB3	307722	839928	9.75%	0.456%
19	10.390	1170	1175	1181	rBV3	433447	731963	8.50%	0.397%
20	10.466	1181	1188	1193	rBV3	610417	1265737	14.69%	0.687%
21	10.578	1201	1207	1212	rBV	441916	816758	9.48%	0.443%
22	10.637	1213	1217	1223	rVB6	201504	347960	4.04%	0.189%
23	10.696	1223	1227	1232	rVB2	239166	421188	4.89%	0.229%
24	10.754	1232	1237	1246	rBV4	228090	672740	7.81%	0.365%
25	10.842	1246	1252	1260	rBV5	282163	686609	7.97%	0.373%
26	10.954	1267	1271	1277	rBV5	162055	325580	3.78%	0.177%
27	11.030	1278	1284	1291	rBV2	2534794	4408945	51.17%	2.393%
28	11.177	1305	1309	1311	rBV2	211897	345639	4.01%	0.188%
29	11.218	1311	1316	1322	rVB	1364369	2478023	28.76%	1.345%
30	11.283	1322	1327	1333	rBV3	509668	1103469	12.81%	0.599%
31	11.442	1350	1354	1357	rBV6	176949	334364	3.88%	0.181%
32	11.541	1366	1371	1380	rVB4	480323	1311790	15.23%	0.712%
33	11.647	1386	1389	1398	rVB3	272180	567069	6.58%	0.308%
34	11.771	1399	1410	1416	rVV5	1049551	2943188	34.16%	1.597%
35	11.823	1416	1419	1426	rVB3	415201	898785	10.43%	0.488%
36	11.900	1426	1432	1438	rVB4	990562	1767557	20.52%	0.959%

LSC Area Percent Report

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Operator : CG/JU
Sample : N1600-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA4

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-BG020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.976	1439	1445	1452	rBV3	1061423	2257360	26.20%	1.225%
38	12.082	1457	1463	1467	rVV	1778247	3102000	36.00%	1.683%
39	12.117	1467	1469	1474	rVV3	595124	947323	11.00%	0.514%
40	12.170	1474	1478	1484	rVB3	553101	991340	11.51%	0.538%
41	12.258	1488	1493	1499	rVB3	933085	1797365	20.86%	0.975%
42	12.475	1522	1530	1536	rBV	3594029	6519267	75.67%	3.538%
43	12.605	1549	1552	1557	rVB2	641456	875523	10.16%	0.475%
44	12.687	1563	1566	1572	rVB3	1052810	1599900	18.57%	0.868%
45	12.969	1610	1614	1619	rVB2	1201136	1746309	20.27%	0.948%
46	13.045	1624	1627	1630	rVB2	308274	331731	3.85%	0.180%
47	13.098	1631	1636	1640	rBV3	869116	1357960	15.76%	0.737%
48	13.139	1640	1643	1644	rBV2	273325	328210	3.81%	0.178%
49	13.204	1650	1654	1656	rBV	493541	703708	8.17%	0.382%
50	13.274	1662	1666	1671	rVB2	1332770	1924285	22.33%	1.044%
51	13.357	1676	1680	1685	rVV2	842279	1450896	16.84%	0.787%
52	13.415	1686	1690	1697	rVB2	2206388	3667778	42.57%	1.990%
53	13.498	1702	1704	1711	rVB2	470591	836012	9.70%	0.454%
54	13.592	1716	1720	1726	rVB5	589943	1041676	12.09%	0.565%
55	13.703	1732	1739	1746	rVB	4328923	7615041	88.39%	4.132%
56	13.791	1751	1754	1756	rVV	406699	543797	6.31%	0.295%
57	13.832	1757	1761	1764	rVB2	1079335	1556677	18.07%	0.845%
58	13.932	1776	1778	1782	rBV3	307233	328864	3.82%	0.178%
59	14.167	1813	1818	1822	rBV6	797123	1606388	18.65%	0.872%
60	14.214	1823	1826	1830	rVV3	981119	1748803	20.30%	0.949%
61	14.261	1831	1834	1838	rVV3	1184081	1621797	18.82%	0.880%
62	14.355	1839	1850	1853	rVV4	3237854	7272232	84.41%	3.946%
63	14.391	1853	1856	1862	rVV	2141565	3476514	40.35%	1.887%
64	14.461	1865	1868	1873	rVB3	1678110	2437866	28.30%	1.323%
65	14.772	1915	1921	1928	rVB	5450706	7889720	91.57%	4.281%
66	14.843	1929	1933	1936	rBV4	800001	1489103	17.28%	0.808%
67	15.207	1991	1995	1996	rBV	741374	1034196	12.00%	0.561%
68	15.383	2021	2025	2032	rVB3	1499701	2775821	32.22%	1.506%
69	15.448	2033	2036	2040	rVB	992447	1227295	14.24%	0.666%
70	15.501	2041	2045	2050	rBV4	824168	1853988	21.52%	1.006%
71	15.683	2072	2076	2077	rBV3	634865	850265	9.87%	0.461%
72	15.724	2077	2083	2087	rVB	5403247	8050787	93.44%	4.369%
73	16.123	2143	2151	2155	rBV	2783670	5648150	65.56%	3.065%
74	16.212	2163	2166	2170	rVB2	1001136	1249716	14.51%	0.678%
75	16.264	2172	2175	2178	rBV2	706813	1042687	12.10%	0.566%
76	16.335	2183	2187	2191	rVB2	1328071	1565680	18.17%	0.850%

LSC Area Percent Report

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Operator : CG/JU
Sample : N1600-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA4

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-BG020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	16.370	2191	2193	2197	rBV2	407742	500090	5.80%	0.271%
78	16.582	2224	2229	2232	rBV	5092124	8615638	100.00%	4.675%
79	16.916	2282	2286	2290	rBV2	889109	1446161	16.79%	0.785%
80	16.981	2294	2297	2302	rVV2	1183483	1828993	21.23%	0.993%
81	17.034	2303	2306	2309	rVV2	640176	739360	8.58%	0.401%
82	17.081	2311	2314	2319	rVB2	966540	1186658	13.77%	0.644%
83	17.375	2359	2364	2368	rBV	4816339	6317079	73.32%	3.428%
84	17.428	2368	2373	2377	rVV	2702588	3929488	45.61%	2.132%
85	17.839	2440	2443	2450	rVB	1009019	1533491	17.80%	0.832%
86	17.903	2451	2454	2462	rBV4	829169	1531799	17.78%	0.831%
87	18.115	2485	2490	2495	rVB	4723485	6316653	73.32%	3.428%
88	18.550	2561	2564	2569	rVB3	685912	950985	11.04%	0.516%
89	18.796	2601	2606	2610	rBV	4136460	5175944	60.08%	2.809%
90	19.243	2679	2682	2687	rVB	793763	1029979	11.95%	0.559%
91	19.413	2707	2711	2716	rVB	3634092	4553552	52.85%	2.471%
92	19.983	2804	2808	2812	rVB	2887373	3259641	37.83%	1.769%
93	20.218	2845	2848	2855	rVB	1187542	1688958	19.60%	0.917%
94	20.506	2893	2897	2901	rVB	1962056	2272753	26.38%	1.233%
95	20.682	2924	2927	2933	rVB2	294580	388250	4.51%	0.211%
96	21.005	2978	2982	2986	rVB	1047448	1222954	14.19%	0.664%
97	21.534	3069	3072	3077	rVB	499372	662450	7.69%	0.359%
98	21.939	3137	3141	3154	rVB	306578	619644	7.19%	0.336%
99	22.115	3167	3171	3182	rVB	226976	388461	4.51%	0.211%
100	25.399	3721	3730	3743	rVB2	183647	567783	6.59%	0.308%

Sum of corrected areas: 184275383

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
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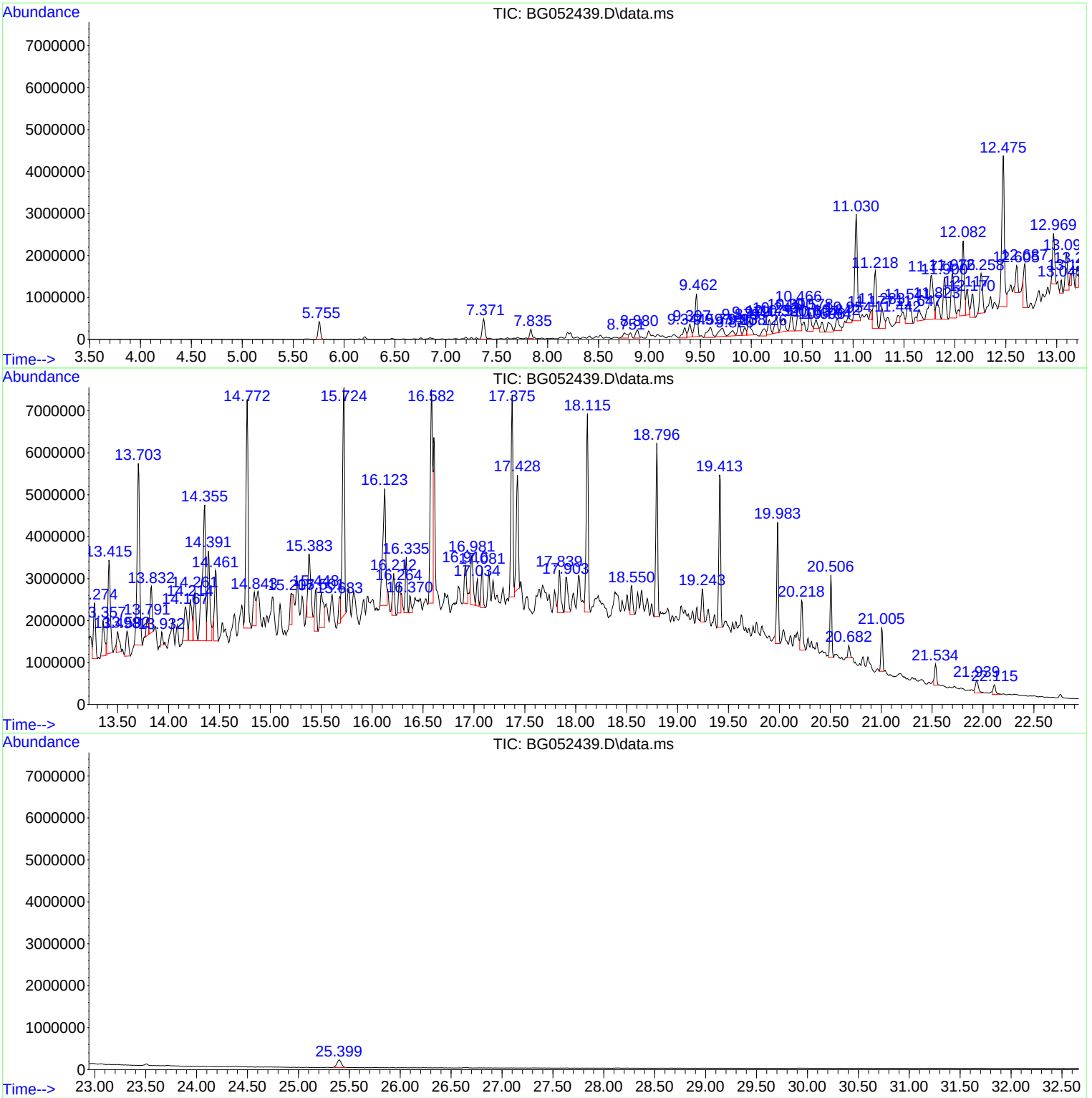
Sample : N1600-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.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_G\Data\BG022122\
Data File : BG052439.D
Acq On : 21 Feb 2022 16:11
Operator : CG/JU
Sample : N1600-04
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Instrument :
BNA_G
ClientSampleId :
C0AA4

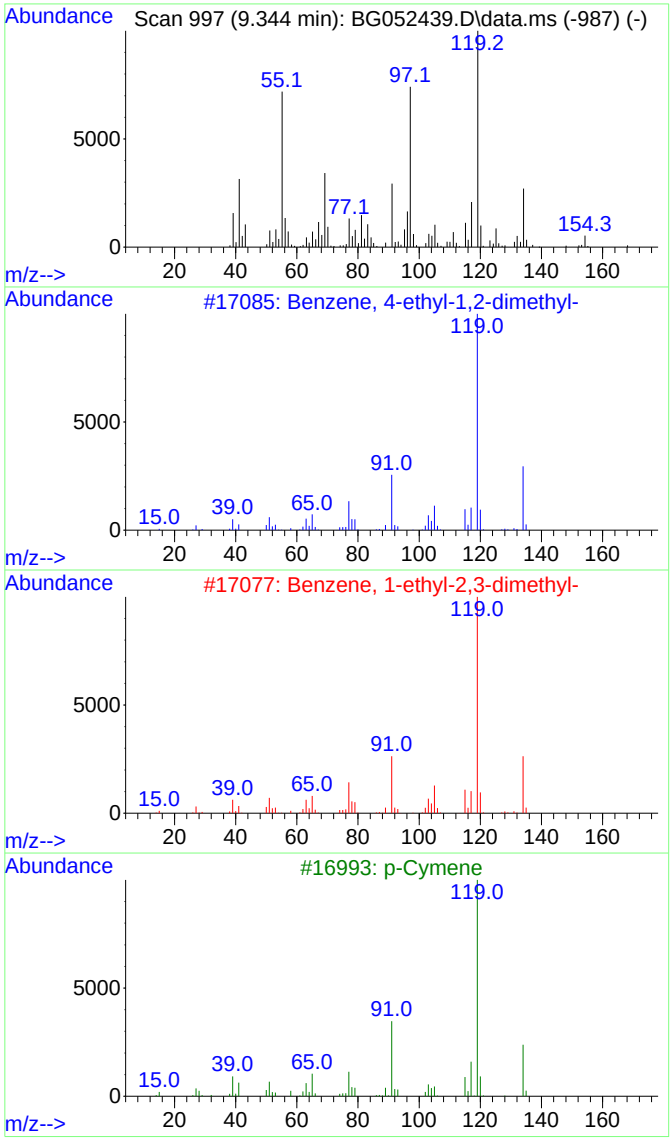
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

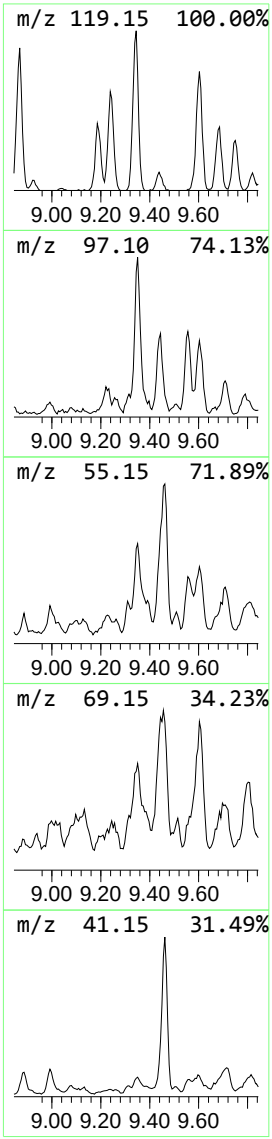
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.344	35.43 ng	569193	1,4-Dichlorobenzene-d4	8.228

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	89
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	86
3	p-Cymene	134	C10H14	000099-87-6	55
4	o-Cymene	134	C10H14	000527-84-4	55
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
Data File : BG052439.D
Acq On : 21 Feb 2022 16:11
Operator : CG/JU
Sample : N1600-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

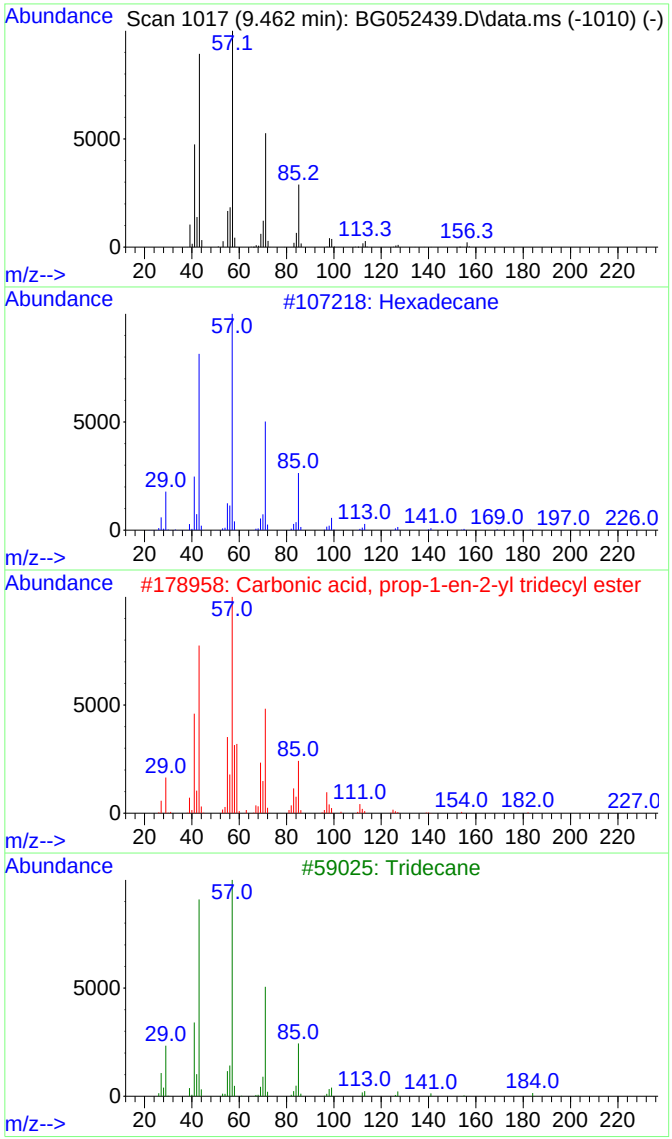
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

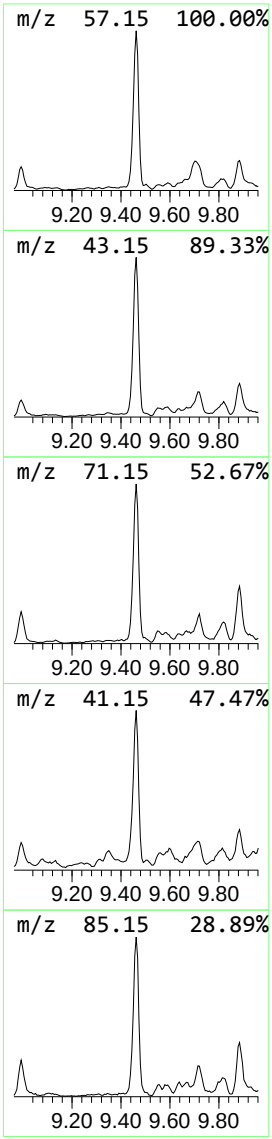
****

Peak Number 2 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.462	108.30 ng	1739740	1,4-Dichlorobenzene-d4	8.228

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	90
3	Tridecane	184	C13H28	000629-50-5	86
4	Undecane	156	C11H24	001120-21-4	76
5	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
Data File : BG052439.D
Acq On : 21 Feb 2022 16:11
Operator : CG/JU
Sample : N1600-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

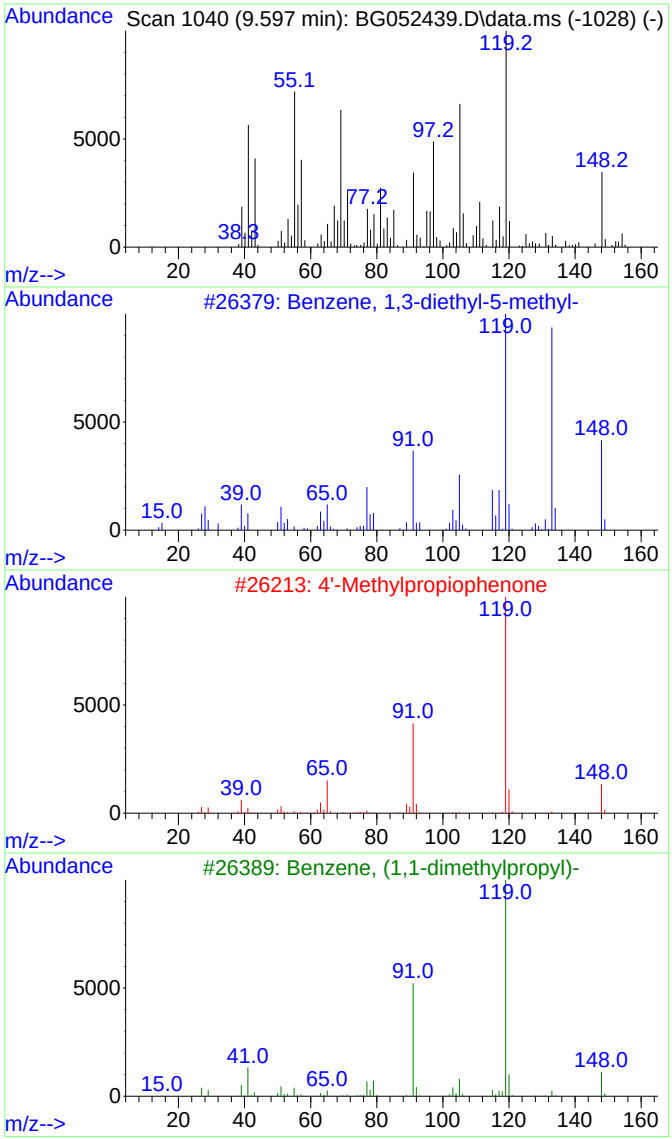
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

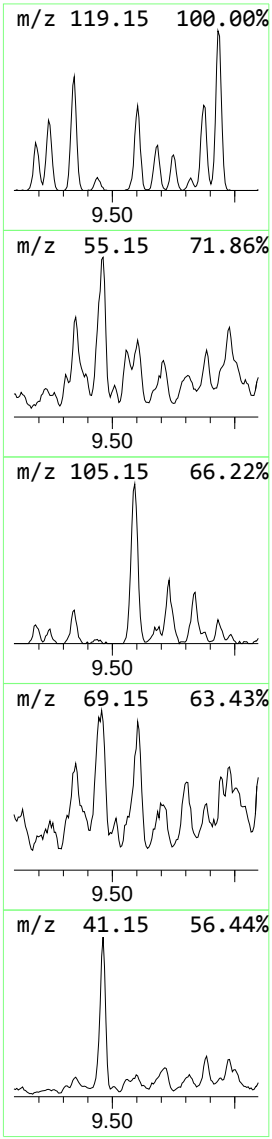
****

Peak Number 3 unknown9.597 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.597	49.87 ng	801109	1,4-Dichlorobenzene-d4	8.228

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	46
2	4'-Methylpropiophenone	148	C10H12O	005337-93-9	45
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
4	Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	43
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
Data File : BG052439.D
Acq On : 21 Feb 2022 16:11
Operator : CG/JU
Sample : N1600-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

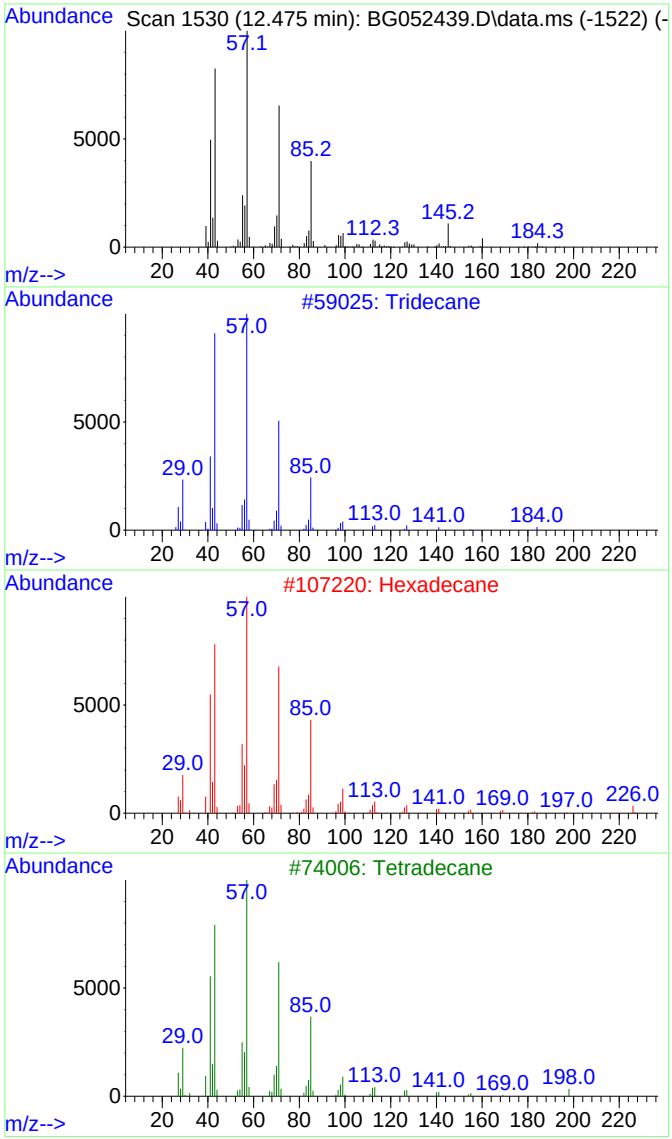
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

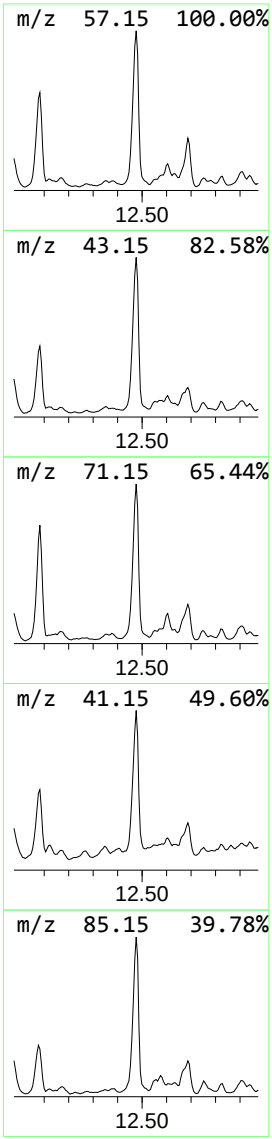
****

Peak Number 4 Tridecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.476	29.57 ng	6519270	Naphthalene-d8	11.066

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Hexadecane	226	C16H34	000544-76-3	83
3	Tetradecane	198	C14H30	000629-59-4	80
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
Data File : BG052439.D
Acq On : 21 Feb 2022 16:11
Operator : CG/JU
Sample : N1600-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

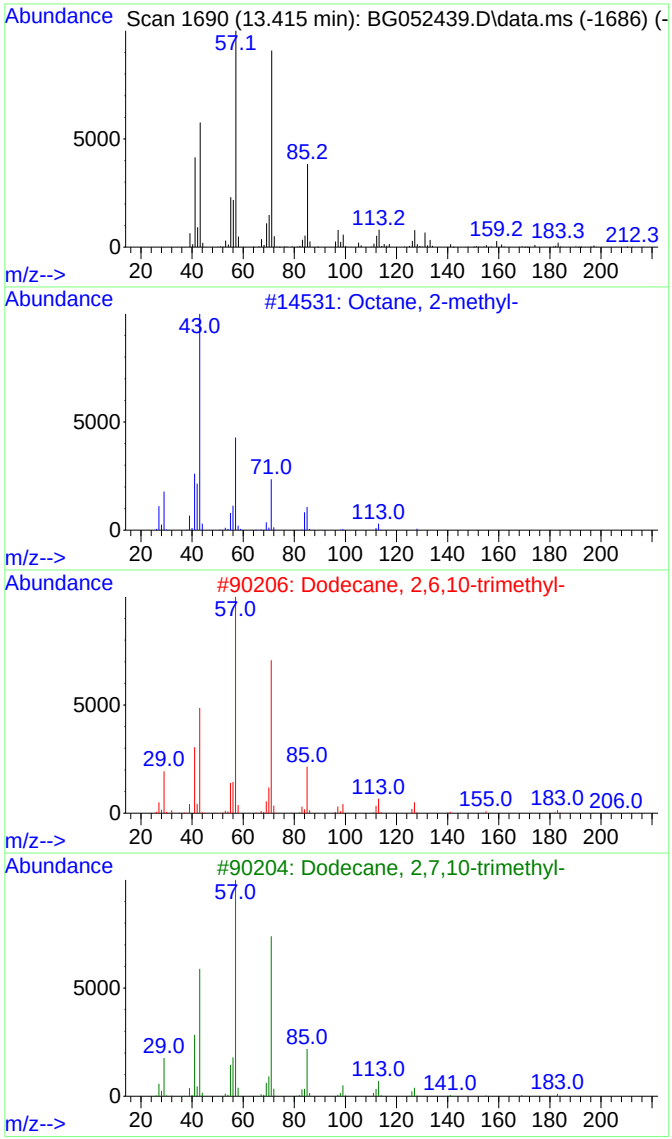
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

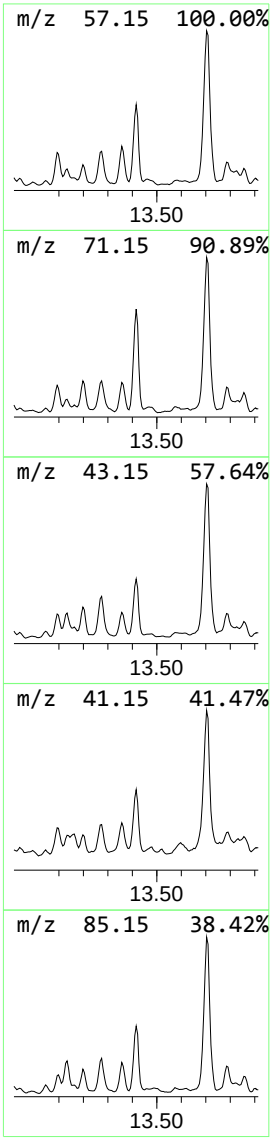
****

Peak Number 5 Octane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.415	49.26 ng	3667780	Acenaphthene-d10	14.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	87
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	53
5	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	50





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Acq On : 21 Feb 2022 16:11
Operator : CG/JU
Sample : N1600-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA4

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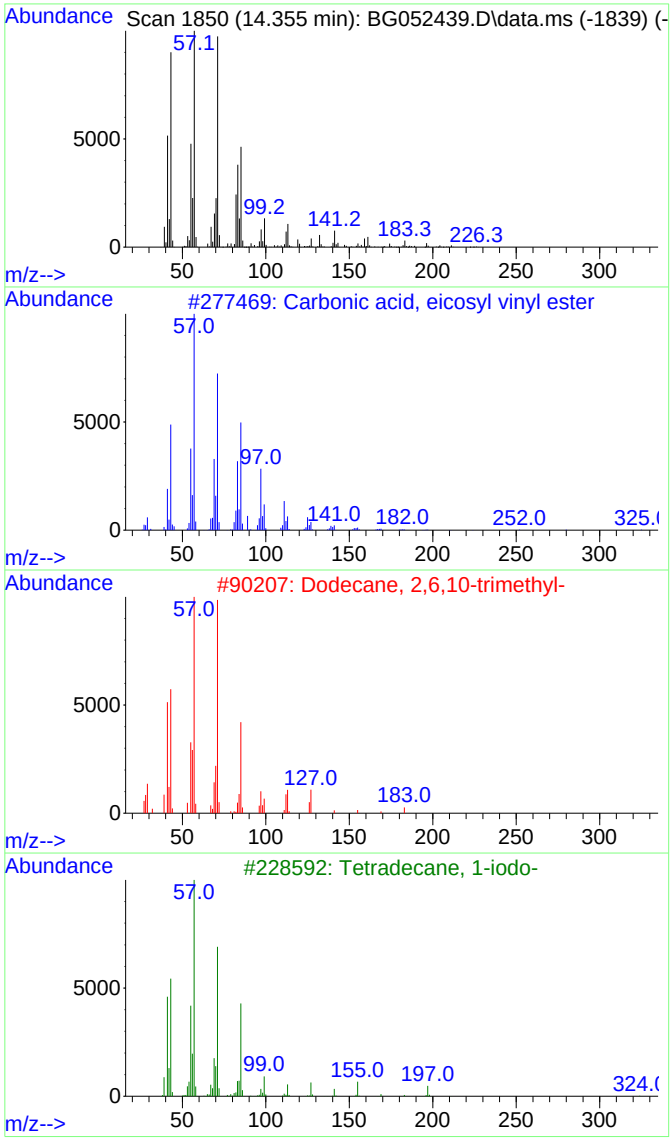
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

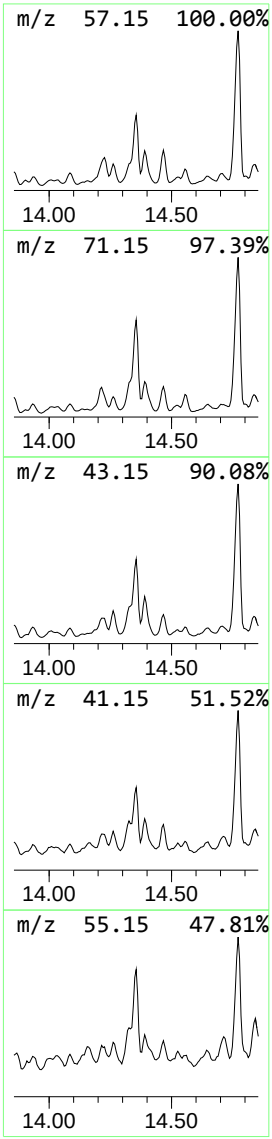
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Carbonic acid, eicosyl viny... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.355	97.67 ng	7272230	Acenaphthene-d10	14.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	68
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
4	Pentacosane	352	C25H52	000629-99-2	64
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	62





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Sample : N1600-04
Misc :
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Instrument :
BNA_G
ClientSampleId :
C0AA4

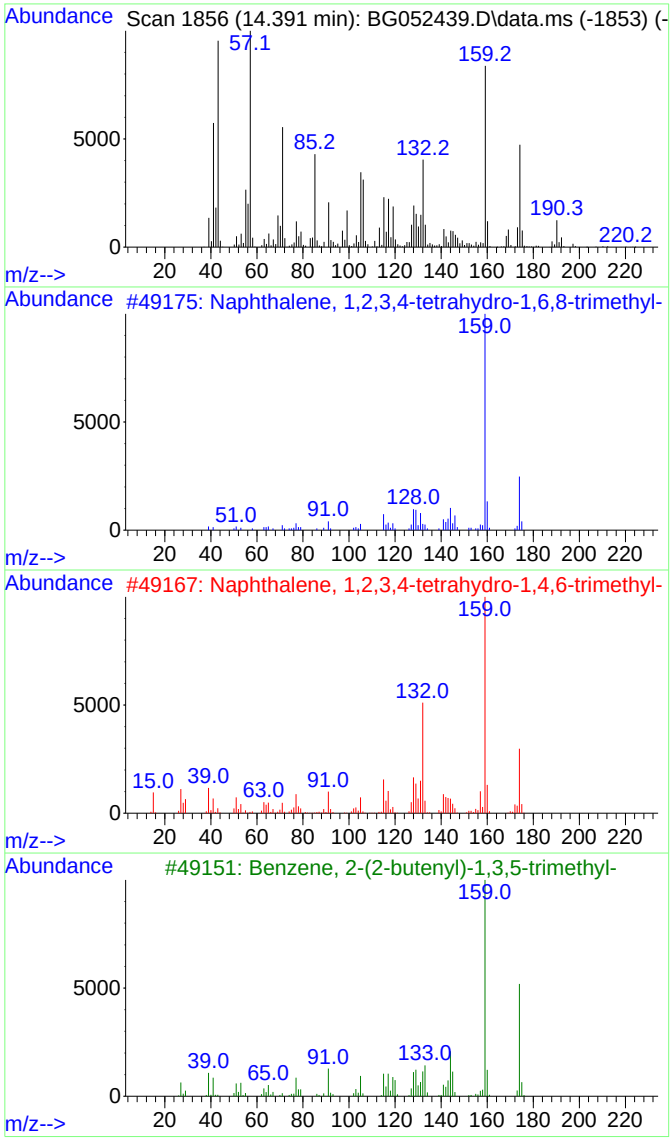
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

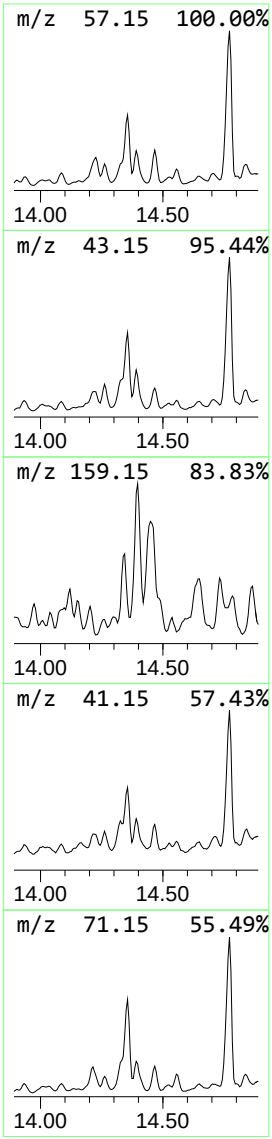
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.390	46.69 ng	3476510	Acenaphthene-d10	14.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	83
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	022824-32-4	78
3	Benzene, 2-(2-butenyl)-1,3,5-tri...	174	C13H18	063435-25-6	64
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-17-7	60
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	50





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Instrument :
BNA_G
ClientSampleId :
C0AA4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

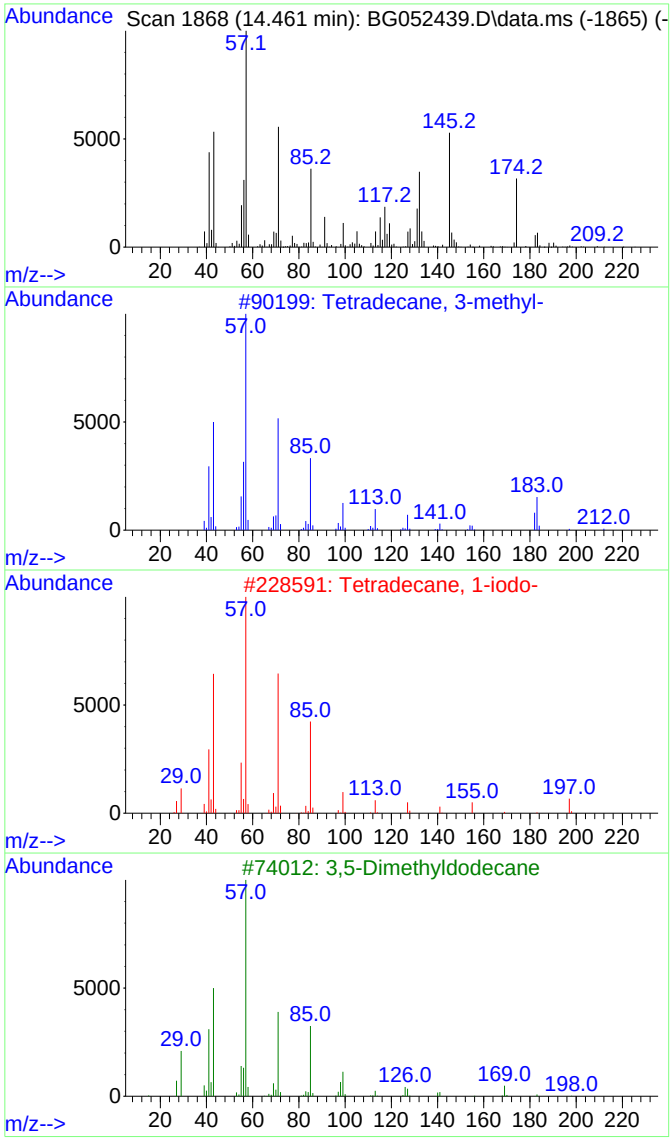
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

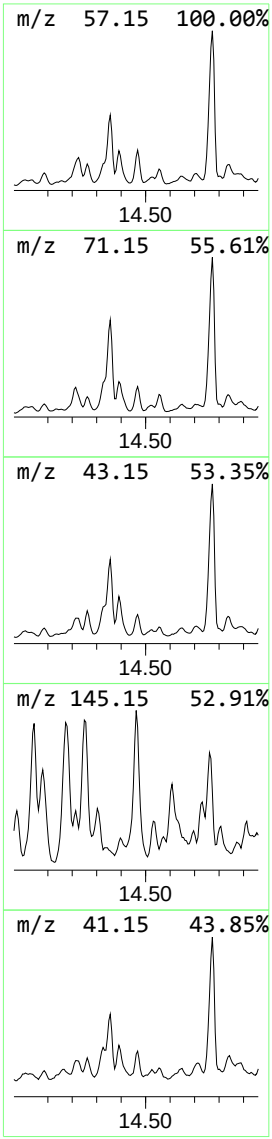
****

Peak Number 8 unknown14.461 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.461	32.74 ng	2437870	Acenaphthene-d10	14.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	46
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	38
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	38
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	35
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	35





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

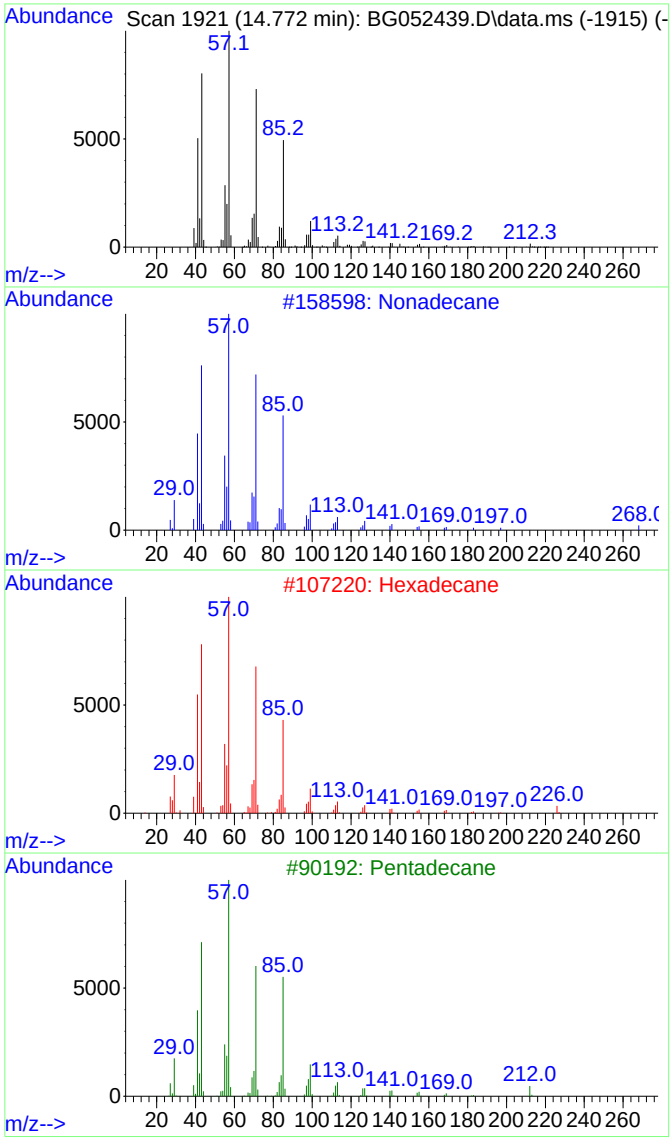
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

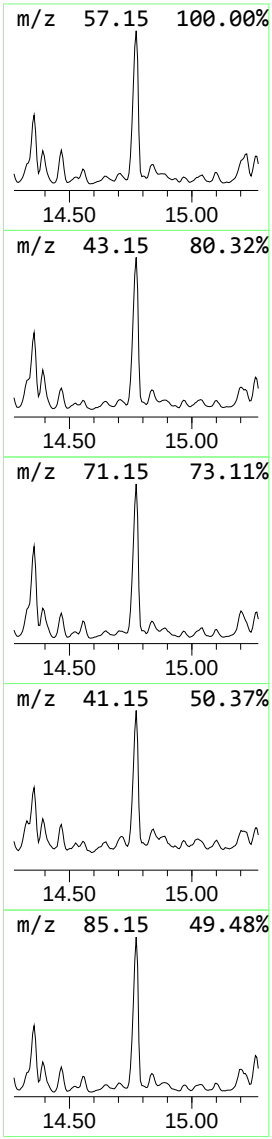
****

Peak Number 9 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.772	105.97 ng	7889720	Acenaphthene-d10	14.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Tetradecane	198	C14H30	000629-59-4	91
5	Heptadecane	240	C17H36	000629-78-7	86





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C0AA4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

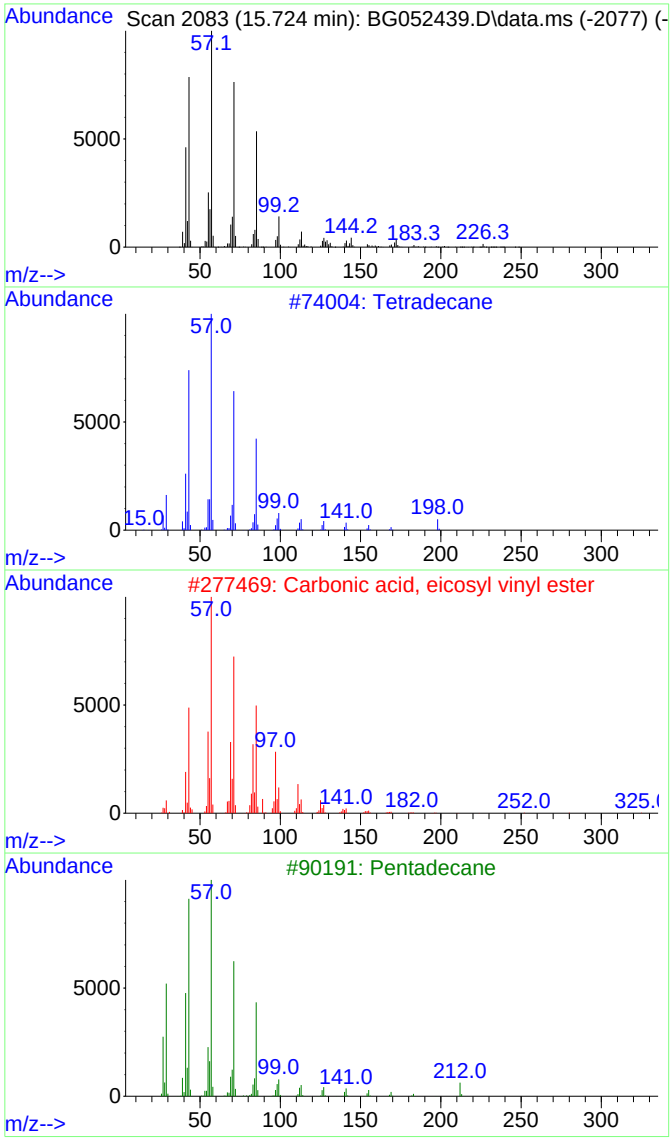
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

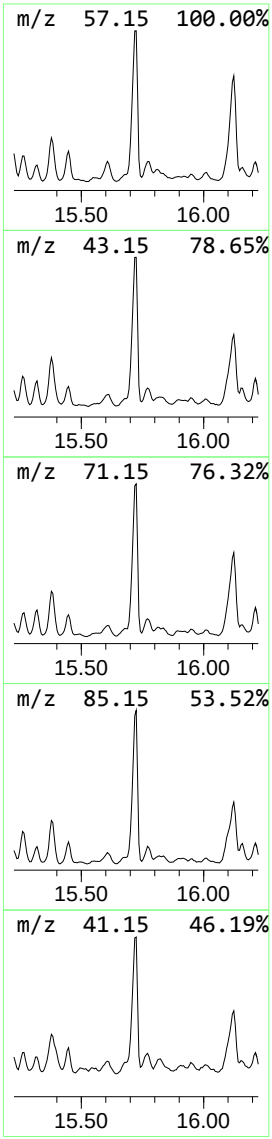
****

Peak Number 11 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.724	108.13 ng	8050790	Acenaphthene-d10	14.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Heptadecane	240	C17H36	000629-78-7	86





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Sample : N1600-04
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Instrument :
BNA_G
ClientSampleId :
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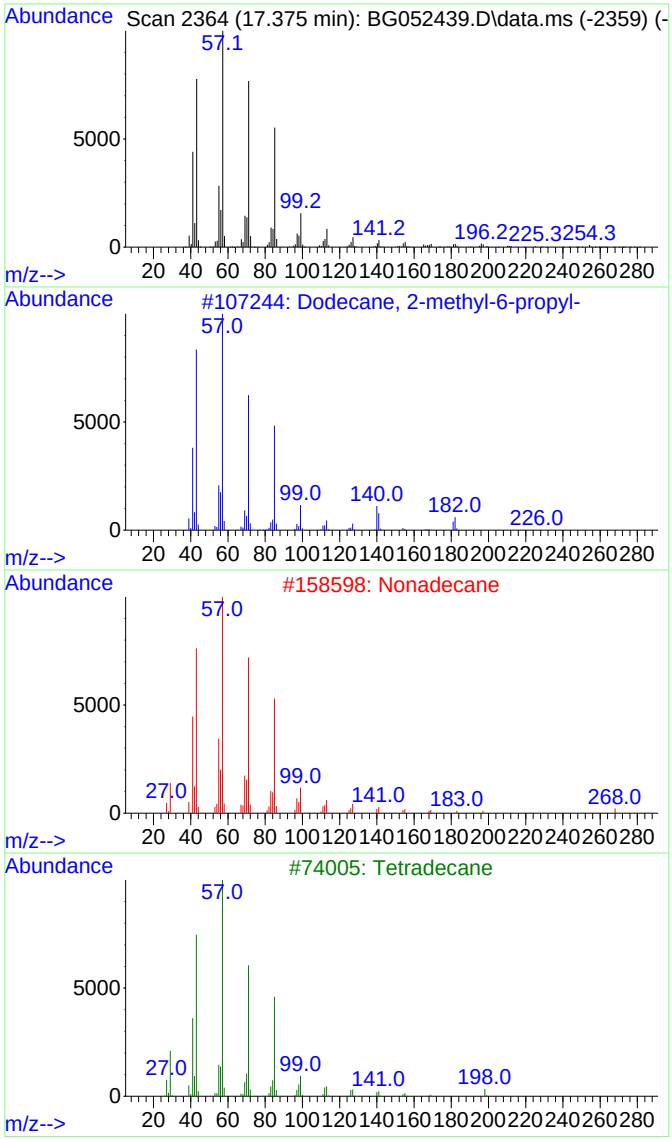
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

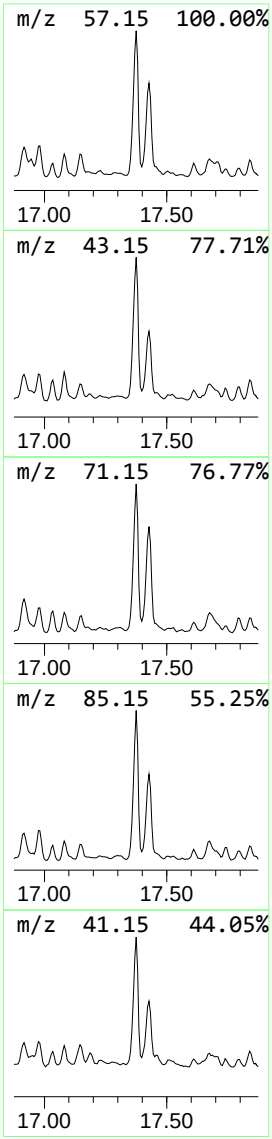
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Dodecane, 2-methyl-6-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.375	82.39 ng	6317080	Phenanthrene-d10	17.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
2	Nonadecane	268	C19H40	000629-92-5	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90





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Sample : N1600-04
Misc :
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Instrument :
BNA_G
ClientSampleId :
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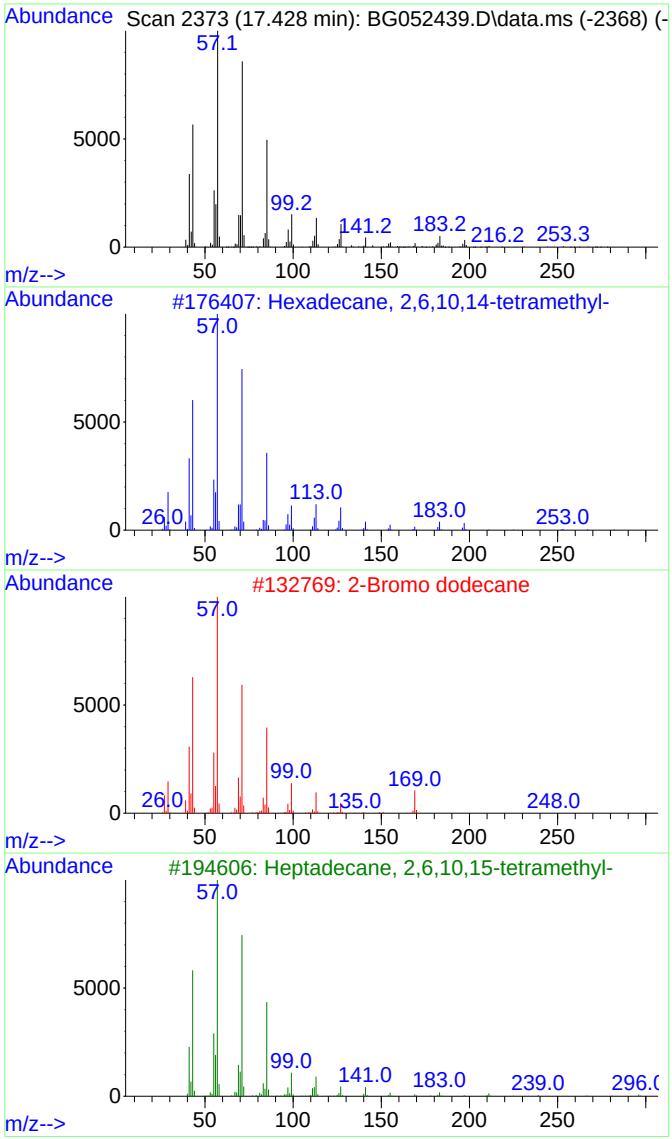
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

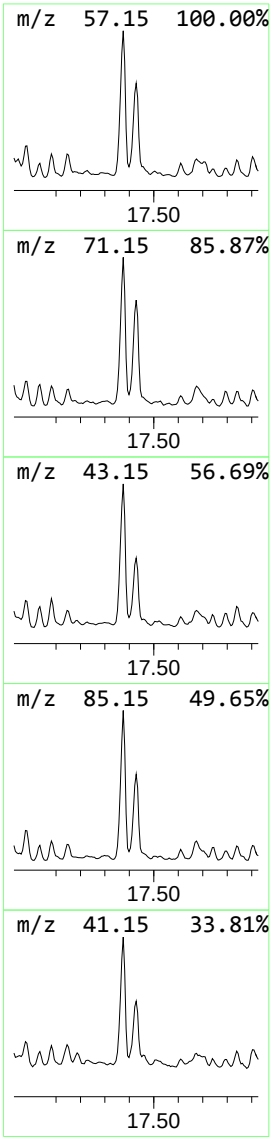
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Hexadecane, 2,6,10,14-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.428	51.25 ng	3929490	Phenanthrene-d10	17.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87





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Sample : N1600-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

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

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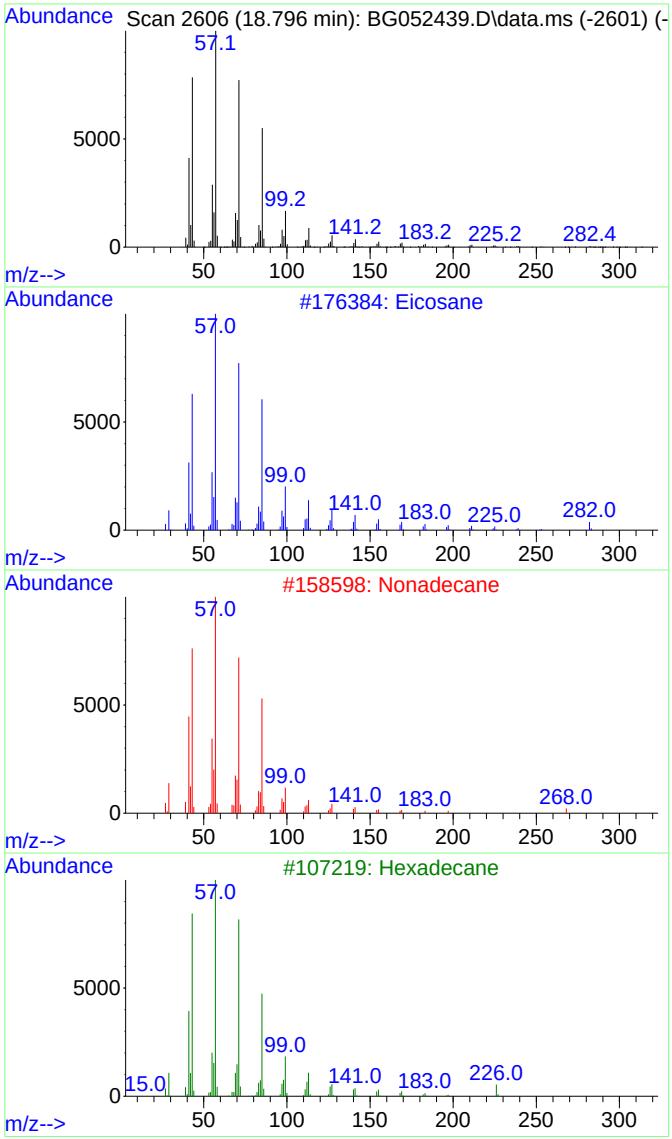
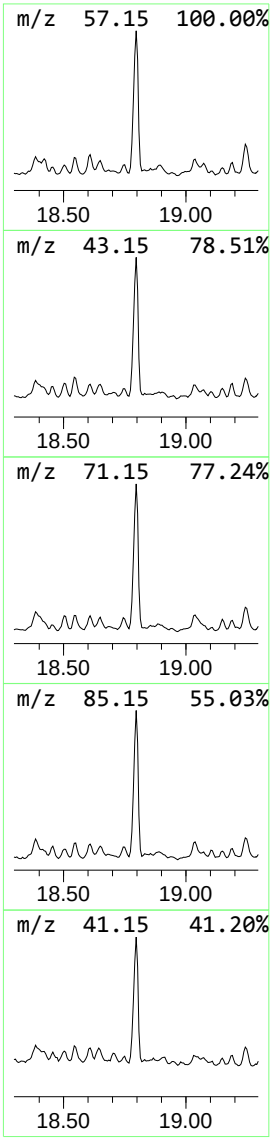
Peak Number 16 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.796	67.51 ng	5175940	Phenanthrene-d10	17.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Nonadecane	268	C19H40	000629-92-5	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Tetradecane	198	C14H30	000629-59-4	91
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87





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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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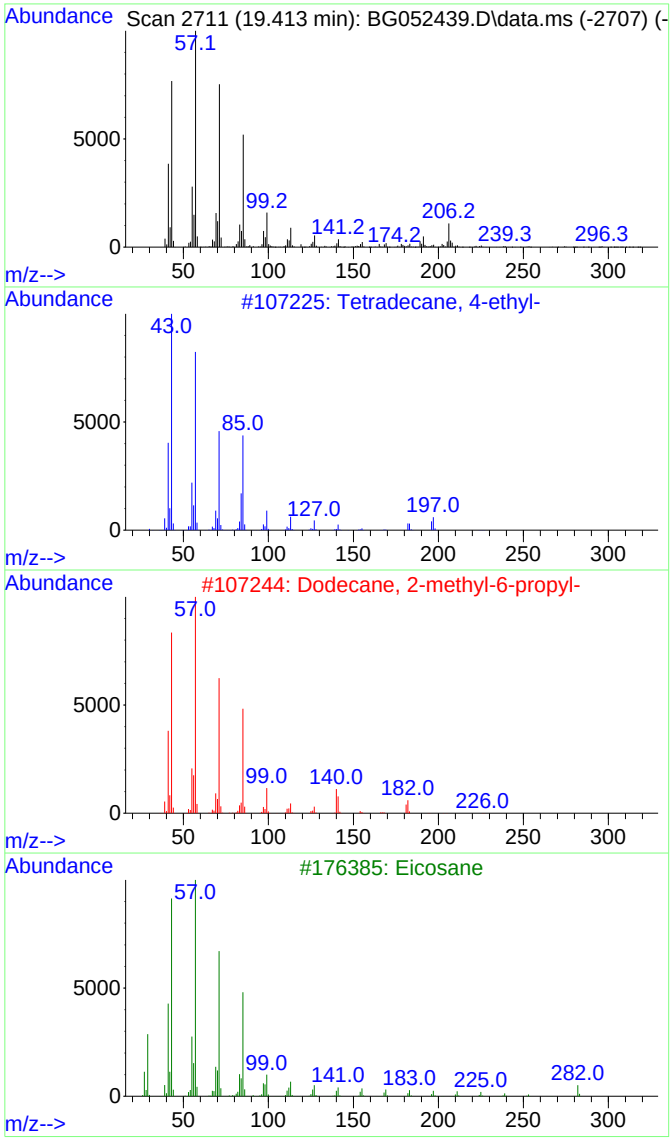
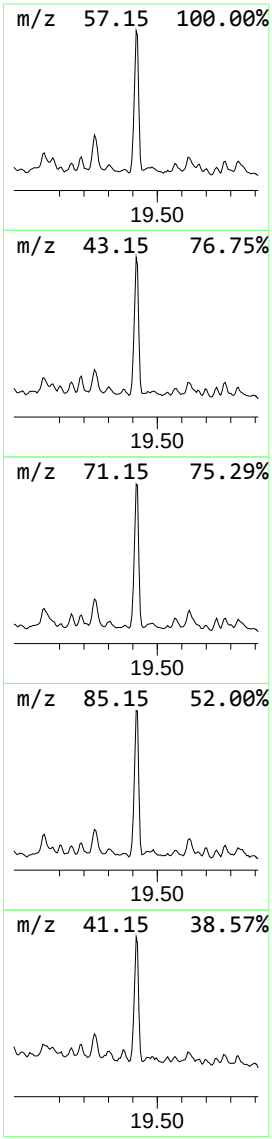
Peak Number 17 Tetradecane, 4-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.413	59.39 ng	4553550	Phenanthrene-d10	17.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	87
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
3	Eicosane	282	C20H42	000112-95-8	87
4	Nonadecane	268	C19H40	000629-92-5	87
5	Heneicosane	296	C21H44	000629-94-7	87





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

TIC Library : C:\Database\NIST20.L
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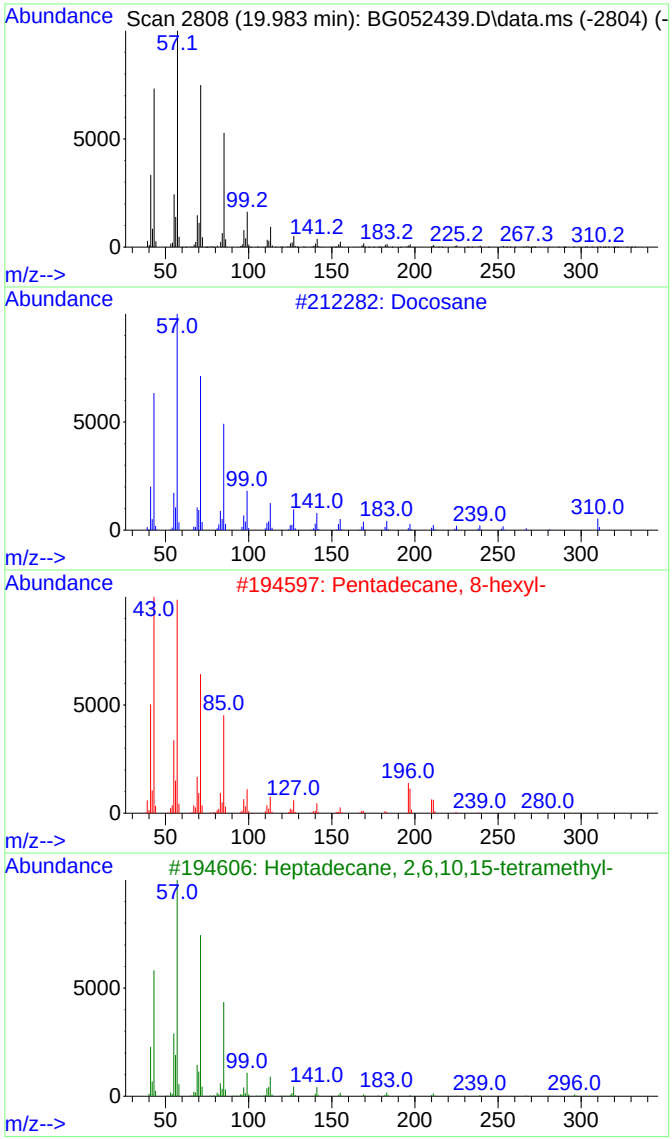
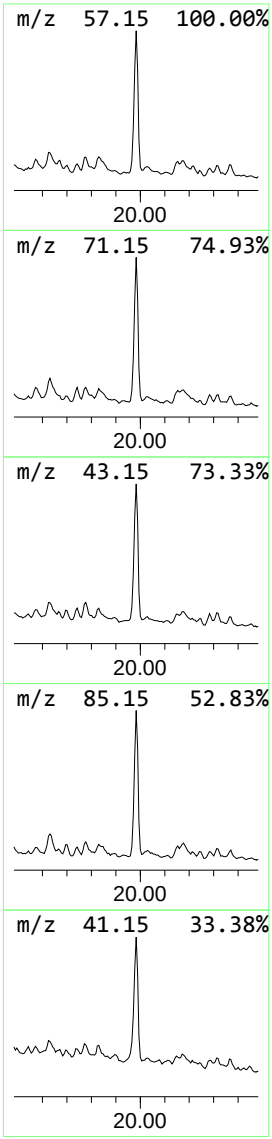
Peak Number 18 Docosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.983	105.21 ng	3259640	Chrysene-d12	21.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	95
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Hexadecane	226	C16H34	000544-76-3	91





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ALS Vial : 11 Sample Multiplier: 1

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

TIC Library : C:\Database\NIST20.L
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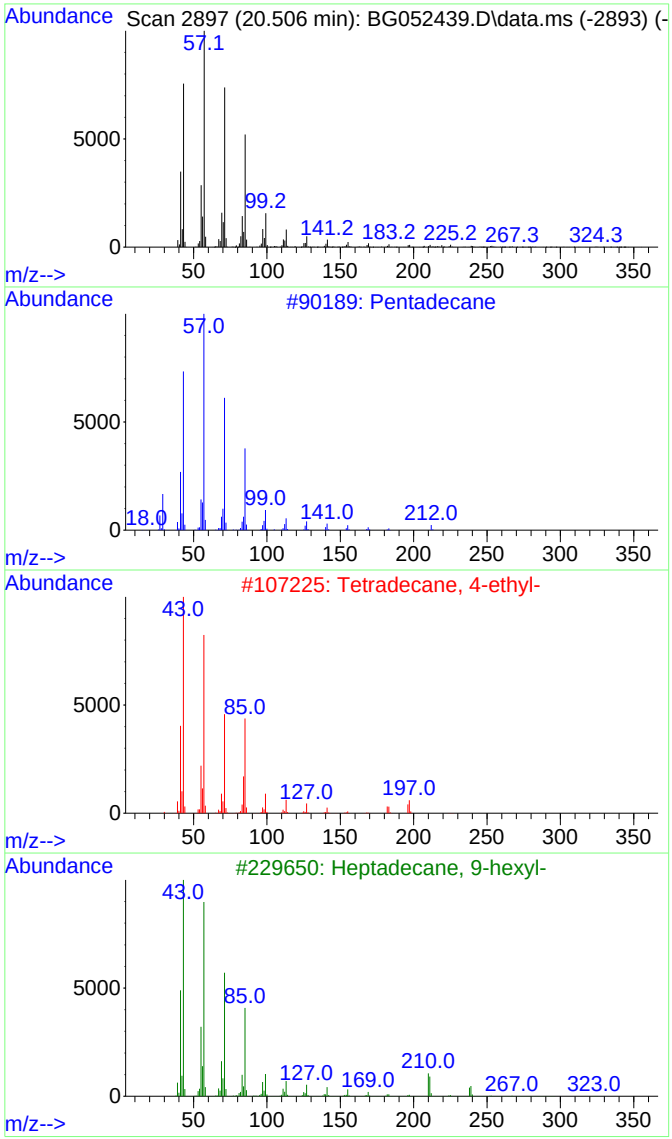
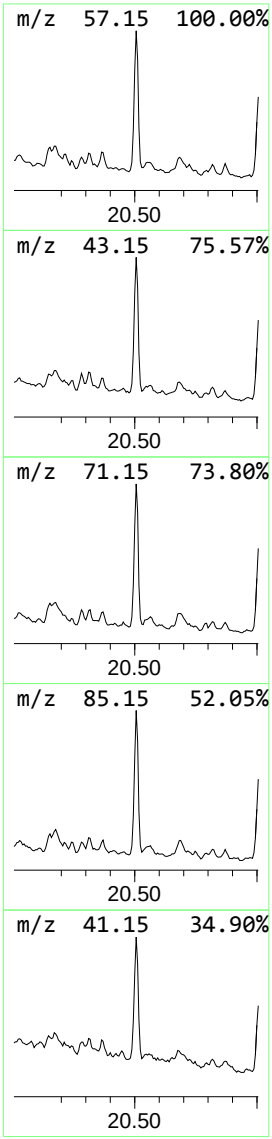
Peak Number 19 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.506	73.36 ng	2272750	Chrysene-d12	21.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
4	Triacontane	422	C30H62	000638-68-6	90
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	87





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Sample : N1600-04
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
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TIC Library : C:\Database\NIST20.L
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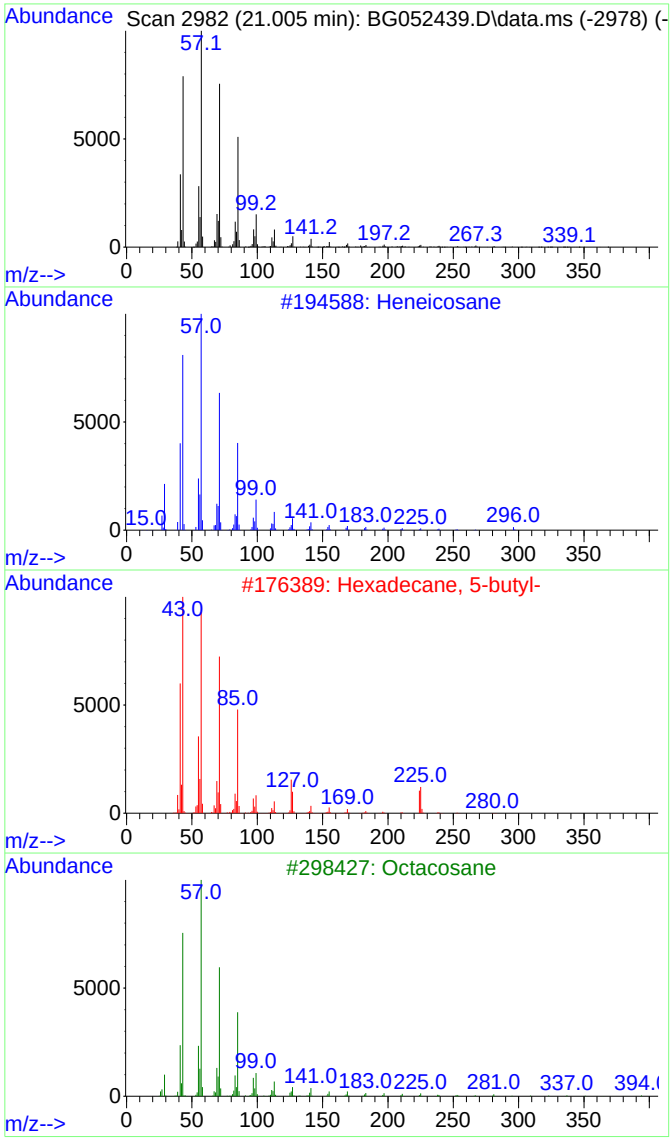
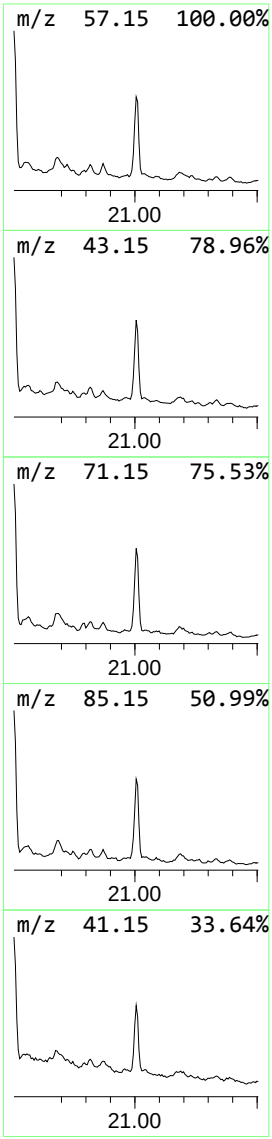
Peak Number 20 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.005	39.47 ng	1222950	Chrysene-d12	21.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Nonadecane	268	C19H40	000629-92-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
Data File : BG052439.D
Acq On : 21 Feb 2022 16:11
Operator : CG/JU
Sample : N1600-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.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
Benzene, 4-ethy...	9.344	35.4	ng	569193	1	8.228	321274	20.0
Hexadecane	9.462	108.3	ng	1739740	1	8.228	321274	20.0
unknown9.597	9.597	49.9	ng	801109	1	8.228	321274	20.0
Tridecane	12.476	29.6	ng	6519270	2	11.066	4408950	20.0
Octane, 2-methyl-	13.415	49.3	ng	3667780	3	14.884	1489100	20.0
Carbonic acid, ...	14.355	97.7	ng	7272230	3	14.884	1489100	20.0
Naphthalene, 1,...	14.390	46.7	ng	3476510	3	14.884	1489100	20.0
unknown14.461	14.461	32.7	ng	2437870	3	14.884	1489100	20.0
Nonadecane	14.772	106.0	ng	7889720	3	14.884	1489100	20.0
Tetradecane	15.724	108.1	ng	8050790	3	14.884	1489100	20.0
Dodecane, 2-met...	17.375	82.4	ng	6317080	4	17.639	1533490	20.0
Hexadecane, 2,6...	17.428	51.3	ng	3929490	4	17.639	1533490	20.0
Eicosane	18.796	67.5	ng	5175940	4	17.639	1533490	20.0
Tetradecane, 4-...	19.413	59.4	ng	4553550	4	17.639	1533490	20.0
Docosane	19.983	105.2	ng	3259640	5	21.939	619644	20.0
Pentadecane	20.506	73.4	ng	2272750	5	21.939	619644	20.0
Heneicosane	21.005	39.5	ng	1222950	5	21.939	619644	20.0