LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122018\
Data File : BG038768.D
Acq On : 20 Dec 2018 18:52
Operator : JU/SJ
Sample : J6426-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS013-3638-01

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-BG121218.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	4.211	183	191	210	rVB	2183672	3720558	62.04%	12.412%
2	5.538	411	417	424	rBV	598388	1003366	16.73%	3.347%
3	5.609	424	429	434	rVV	411851	680439	11.35%	2.270%
4	5.679	434	441	455	rVB	2822752	5997234	100.00%	20.007%
5	6.050	495	504	514	rVB	1039633	1817429	30.30%	6.063%
6	7.113	679	685	692	rBV	806463	1300341	21.68%	4.338%
7	7.213	692	702	717	rVB	411211	918809	15.32%	3.065%
8	7.583	758	765	771	rBV	401181	710018	11.84%	2.369%
9	7.636	771	774	778	rVV	70916	100281	1.67%	0.335%
10	7.689	778	783	789	rVB	106672	177900	2.97%	0.593%
11	8.059	840	846	856	rVB2	86424	187093	3.12%	0.624%
12	8.165	856	864	875	rBV3	44526	113059	1.89%	0.377%
13	8.376	894	900	914	rVB	286358	526327	8.78%	1.756%
14	8.676	945	951	960	rBV3	50123	92596	1.54%	0.309%
15	9.146	1020	1031	1038	rBV3	35677	78120	1.30%	0.261%
16	9.240	1038	1047	1055	rBV2	312579	656468	10.95%	2.190%
17	9.557	1094	1101	1112	rVB	374491	624405	10.41%	2.083%
18	10.251	1213	1219	1225	rBV4	44389	76811	1.28%	0.256%
19	10.732	1287	1301	1306	rBV	53945	115891	1.93%	0.387%
20	10.797	1306	1312	1318	rVV	154846	272375	4.54%	0.909%
21	10.873	1319	1325	1329	rVV	127842	253256	4.22%	0.845%
22	10.920	1329	1333	1339	rVV	99361	197216	3.29%	0.658%
23	10.979	1339	1343	1350	rVB	56552	95410	1.59%	0.318%
24	11.843	1484	1490	1495	rBV	66998	109289	1.82%	0.365%
25	12.048	1519	1525	1530	rBV	145881	233018	3.89%	0.777%
26	12.242	1551	1558	1565	rBV	221644	345737	5.76%	1.153%
27	12.524	1600	1606	1612	rBV	98800	163332	2.72%	0.545%
28	12.742	1635	1643	1651	rVB	51887	103801	1.73%	0.346%
29	13.047	1689	1695	1702	rVB4	50258	90987	1.52%	0.304%
30	13.188	1714	1719	1725	rVV	65414	97725	1.63%	0.326%
31	13.312	1733	1740	1749	rVB	603883	939010	15.66%	3.133%
32	13.476	1761	1768	1774	rBV	258303	423102	7.05%	1.411%
33	13.717	1805	1809	1819	rVB2	31864	81483	1.36%	0.272%
34	13.864	1826	1834	1840	rBV4	60608	150924	2.52%	0.503%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122018\
Data File : BG038768.D
Acq On : 20 Dec 2018 18:52
Operator : JU/SJ
Sample : J6426-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS013-3638-01

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-BG121218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.011	1853	1859	1865	rBV3	95018	239266	3.99%	0.798%
36	14.064	1865	1868	1871	rVV	51640	80495	1.34%	0.269%
37	14.134	1875	1880	1884	rVV2	117885	200659	3.35%	0.669%
38	14.246	1894	1899	1903	rBV	47704	71722	1.20%	0.239%
39	14.546	1945	1950	1958	rVB	243763	336641	5.61%	1.123%
40	14.692	1966	1975	1983	rVB2	161783	315786	5.27%	1.053%
41	14.886	2003	2008	2017	rVB2	41494	97940	1.63%	0.327%
42	15.074	2037	2040	2048	rVB3	51941	106363	1.77%	0.355%
43	15.157	2048	2054	2062	rBV5	81396	149752	2.50%	0.500%
44	15.298	2072	2078	2083	rBV	43848	91879	1.53%	0.307%
45	15.462	2099	2106	2107	rBV5	35783	63568	1.06%	0.212%
46	15.497	2107	2112	2116	rVB	227814	319401	5.33%	1.066%
47	15.897	2171	2180	2184	rBV2	87063	171548	2.86%	0.572%
48	16.050	2202	2206	2213	rVB7	40241	66847	1.11%	0.223%
49	16.179	2223	2228	2235	rBV	479058	771397	12.86%	2.573%
50	16.355	2253	2258	2275	rVB	246027	557428	9.29%	1.860%
51	17.148	2388	2393	2397	rBV	161181	215369	3.59%	0.718%
52	17.201	2397	2402	2406	rVB2	85223	135050	2.25%	0.451%
53	17.442	2437	2443	2447	rBV2	227767	368100	6.14%	1.228%
54	17.483	2447	2450	2455	rVB	66311	91546	1.53%	0.305%
55	17.571	2461	2465	2470	rBV2	88517	123619	2.06%	0.412%
56	17.889	2514	2519	2525	rVB	153923	211404	3.53%	0.705%
57	18.306	2586	2590	2596	rBV4	31196	71736	1.20%	0.239%
58	18.576	2632	2636	2640	rVB	104522	126202	2.10%	0.421%
59	19.205	2739	2743	2751	rBV2	86012	139244	2.32%	0.465%
60	20.039	2880	2885	2891	rVB	1075192	1427260	23.80%	4.761%
61	20.315	2928	2932	2937	rBV3	63254	90870	1.52%	0.303%
62	21.720	3165	3171	3181	rVB2	251673	484160	8.07%	1.615%
63	25.016	3723	3732	3743	rVB2	131299	397289	6.62%	1.325%

Sum of corrected areas: 29976351

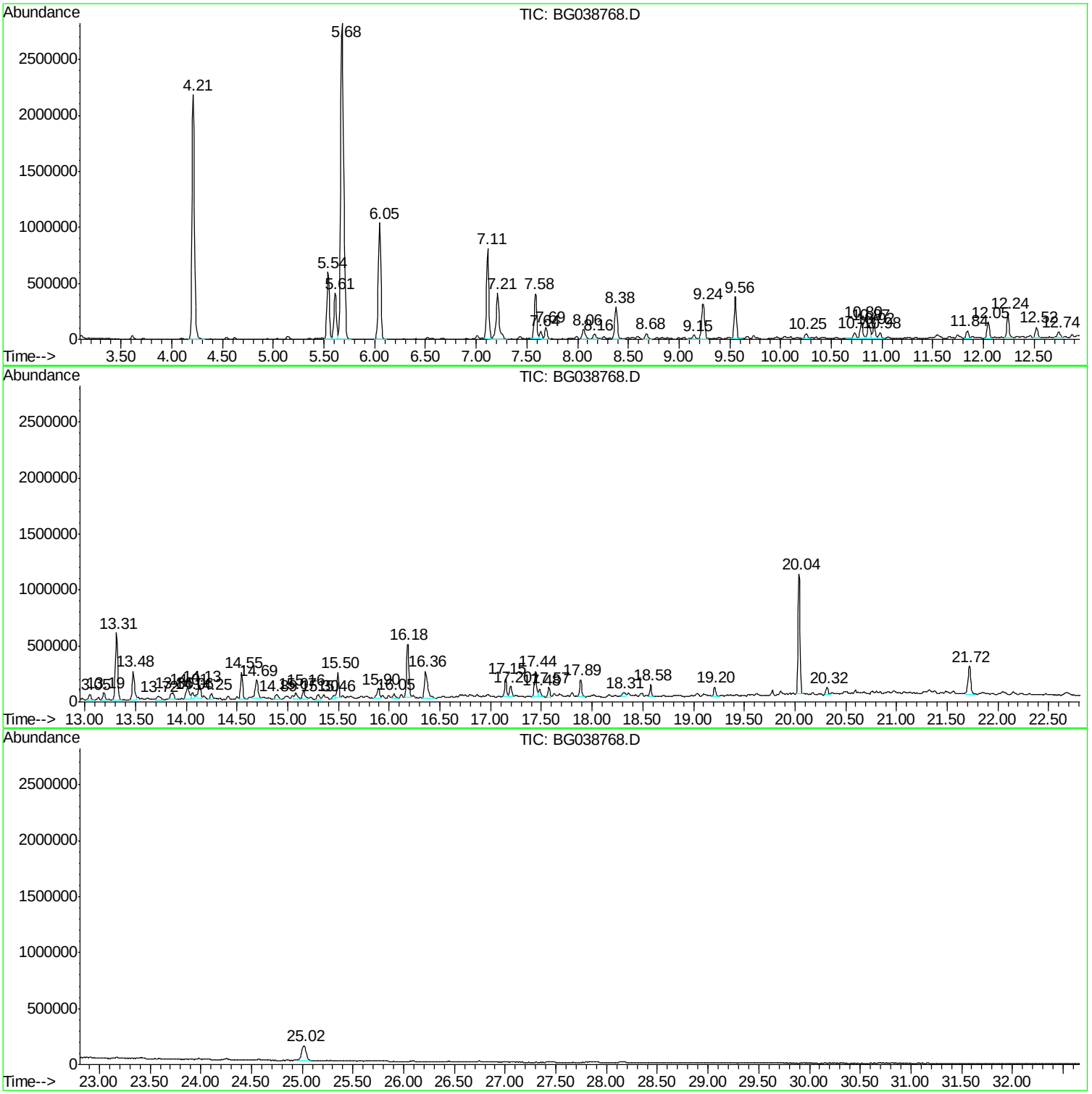
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122018\
Data File : BG038768.D
Acq On : 20 Dec 2018 18:52
Operator : JU/SJ
Sample : J6426-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS013-3638-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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\BG122018\
Data File : BG038768.D
Acq On : 20 Dec 2018 18:52
Operator : JU/SJ
Sample : J6426-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS013-3638-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

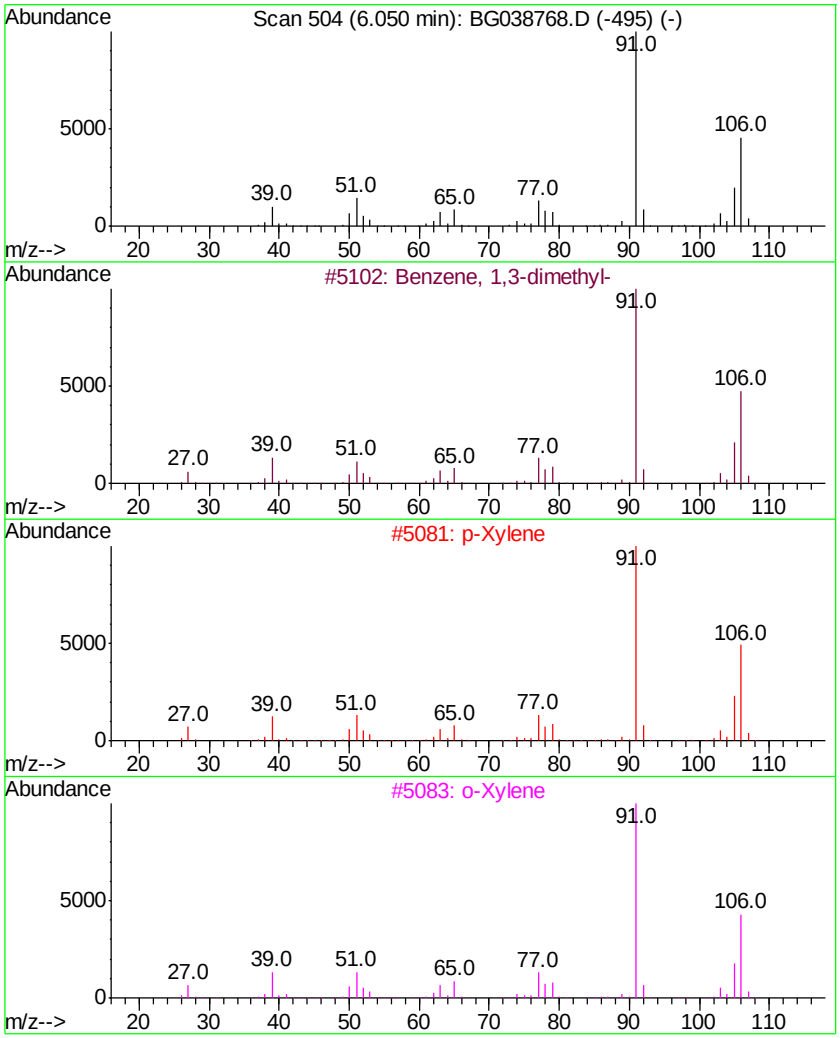
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

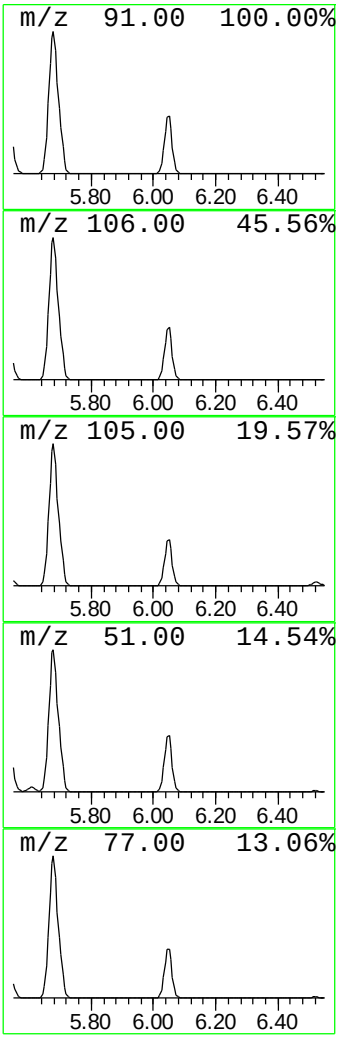
****

Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	194.28 ng	1817430	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	90
5	Ethylbenzene	106	C8H10	000100-41-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122018\
Data File : BG038768.D
Acq On : 20 Dec 2018 18:52
Operator : JU/SJ
Sample : J6426-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS013-3638-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

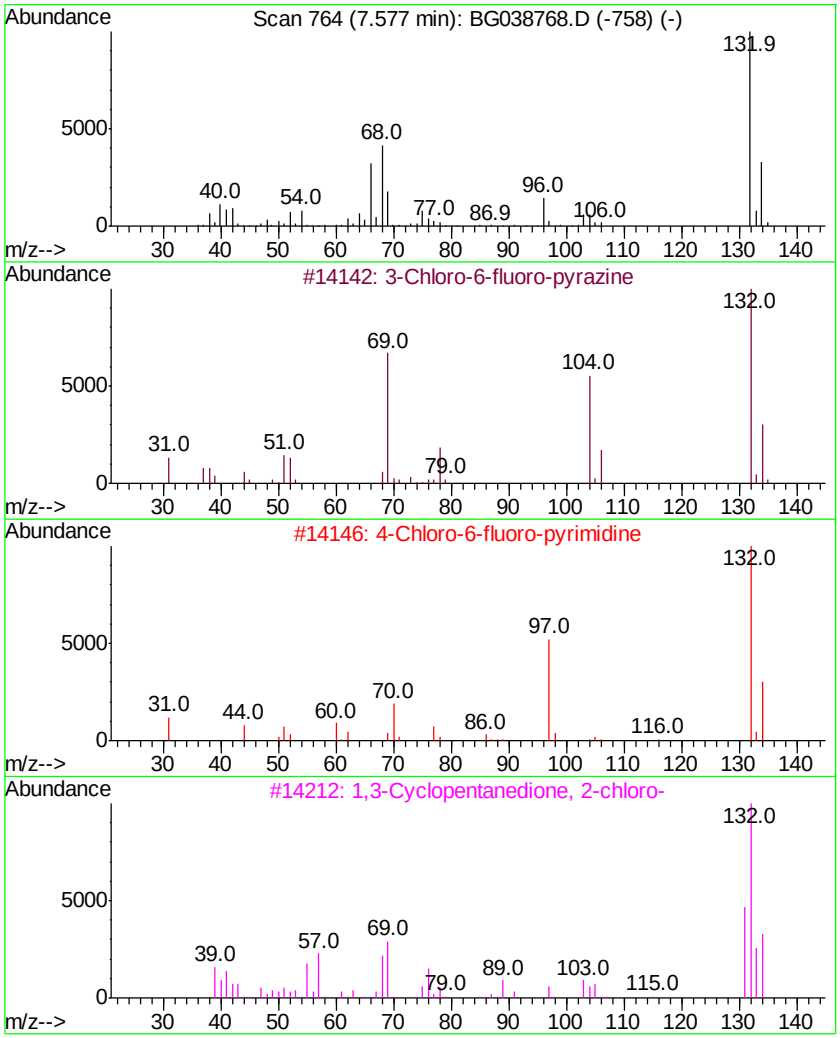
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

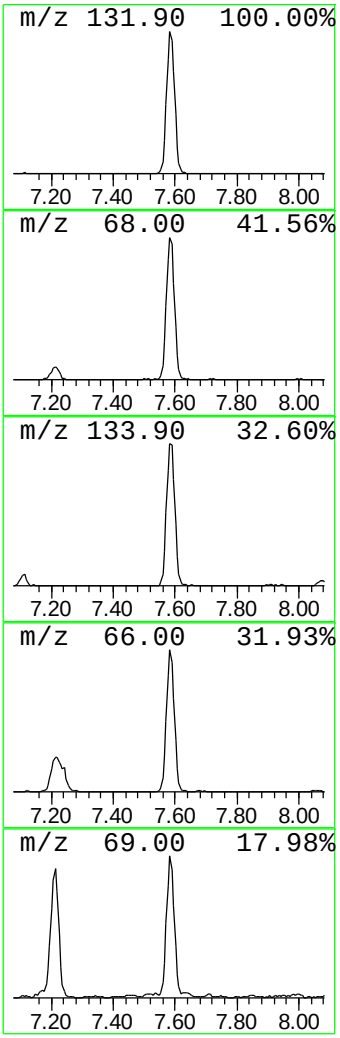
****

Peak Number 6 unknown7.58 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	75.90 ng	710018	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122018\
Data File : BG038768.D
Acq On : 20 Dec 2018 18:52
Operator : JU/SJ
Sample : J6426-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS013-3638-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

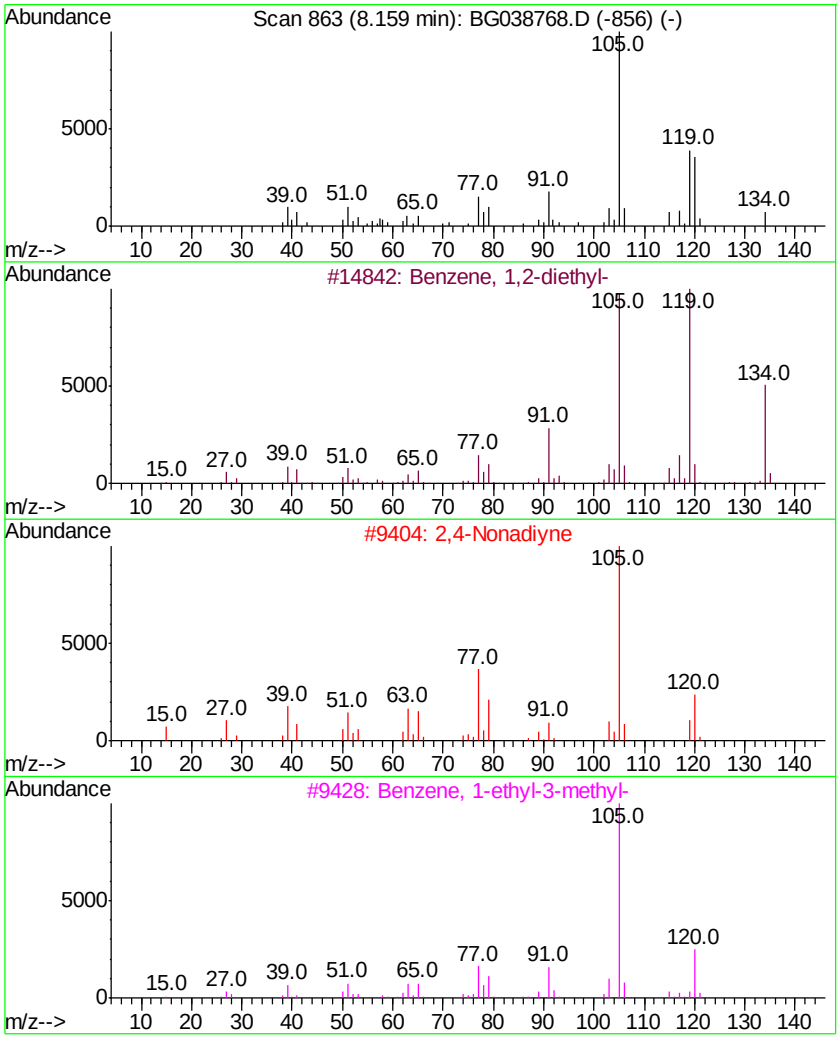
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

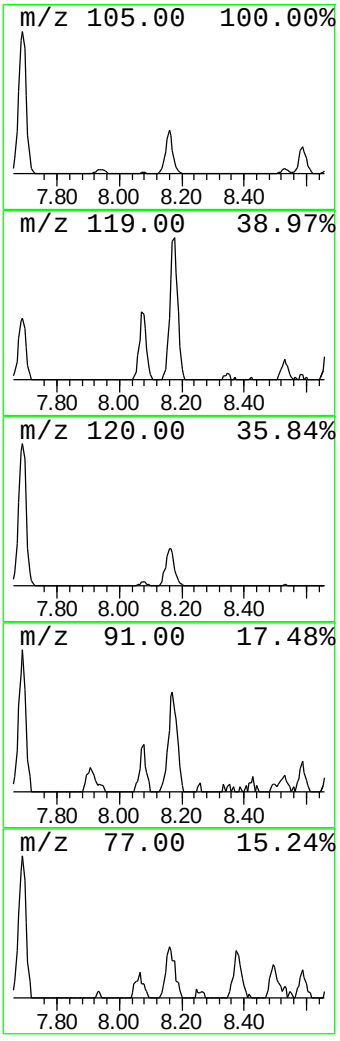
****

Peak Number 8 Benzene, 1,2-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	12.09 ng	113059	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	64
2	2,4-Nonadiyne	120	C9H12	063621-15-8	60
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	60
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	60
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122018\
Data File : BG038768.D
Acq On : 20 Dec 2018 18:52
Operator : JU/SJ
Sample : J6426-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS013-3638-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

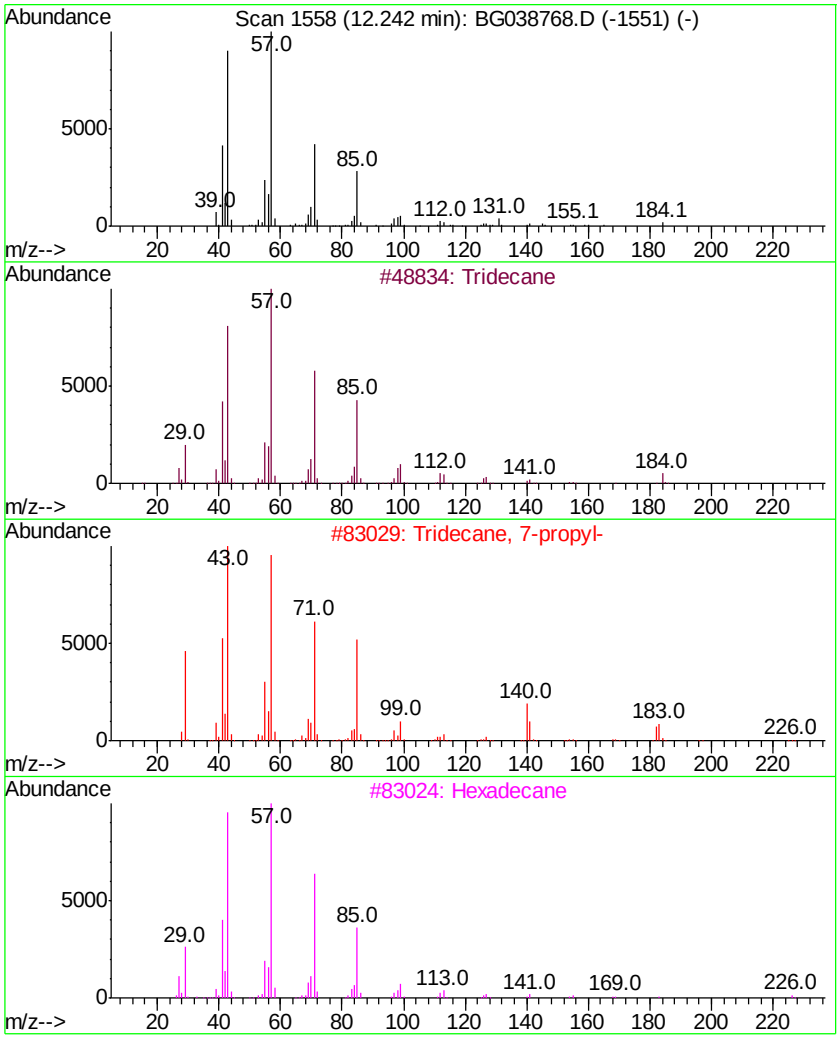
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

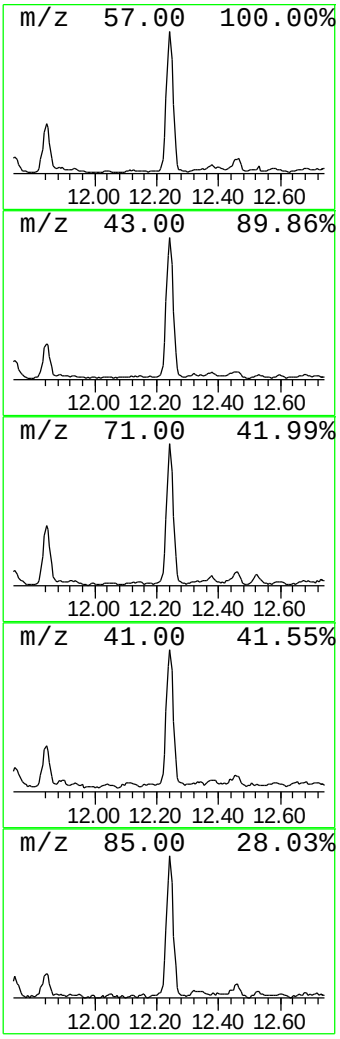
****

Peak Number 13 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	27.30 ng	345737	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	72
3	Hexadecane	226	C16H34	000544-76-3	72
4	Decane	142	C10H22	000124-18-5	64
5	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122018\
Data File : BG038768.D
Acq On : 20 Dec 2018 18:52
Operator : JU/SJ
Sample : J6426-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS013-3638-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

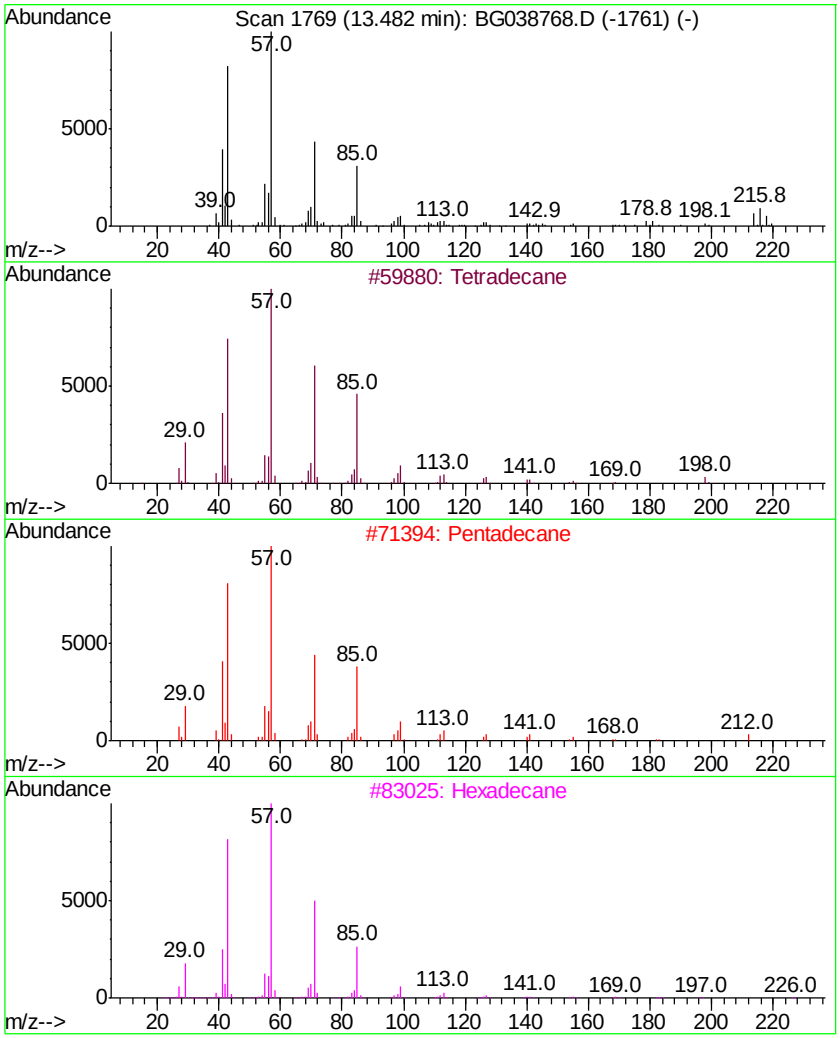
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

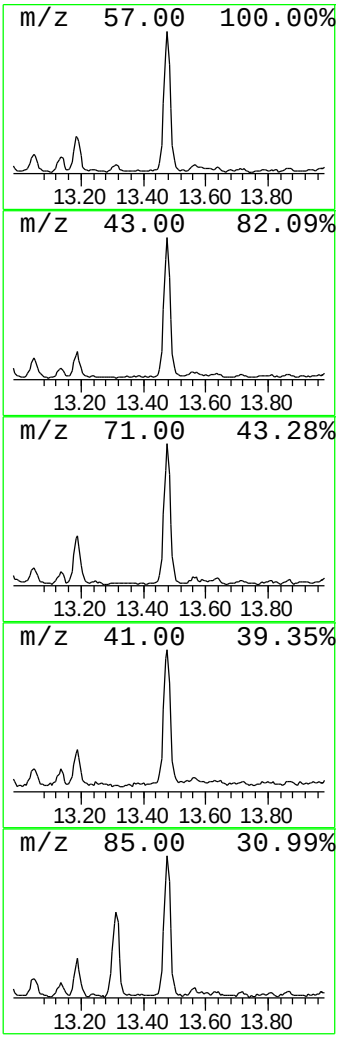
****

Peak Number 14 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	26.80 ng	423102	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Pentadecane	212	C15H32	000629-62-9	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	86
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122018\
Data File : BG038768.D
Acq On : 20 Dec 2018 18:52
Operator : JU/SJ
Sample : J6426-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS013-3638-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

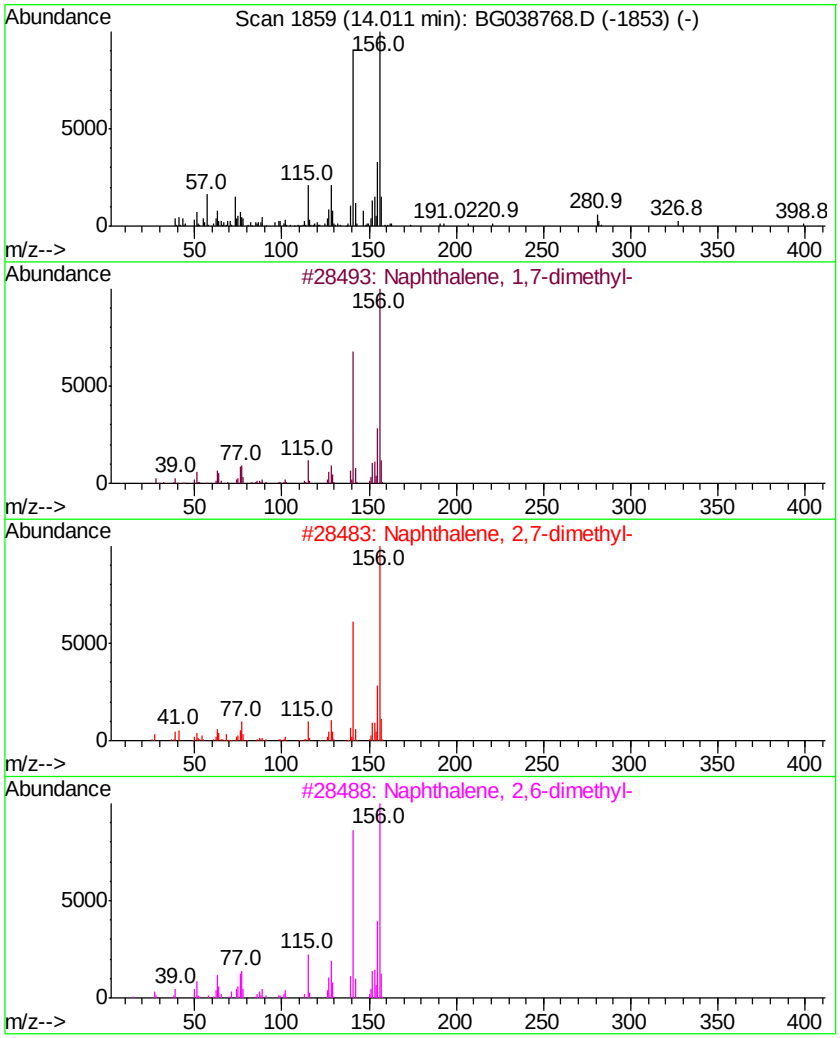
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

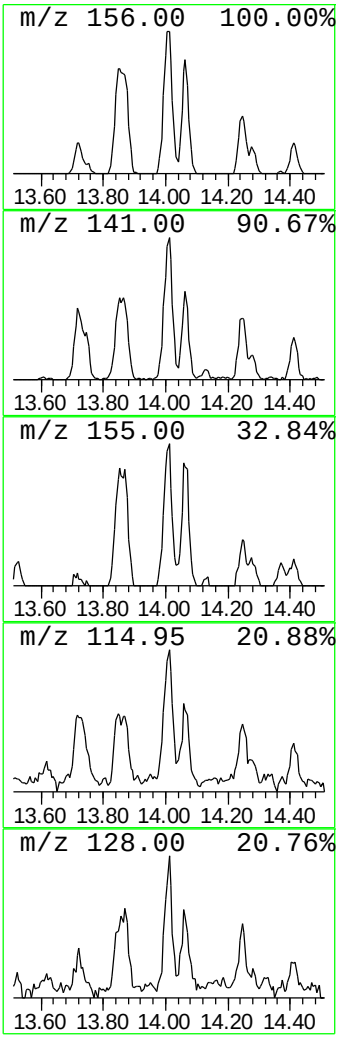
****

Peak Number 15 Naphthalene, 1,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	15.15 ng	239266	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122018\
Data File : BG038768.D
Acq On : 20 Dec 2018 18:52
Operator : JU/SJ
Sample : J6426-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS013-3638-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

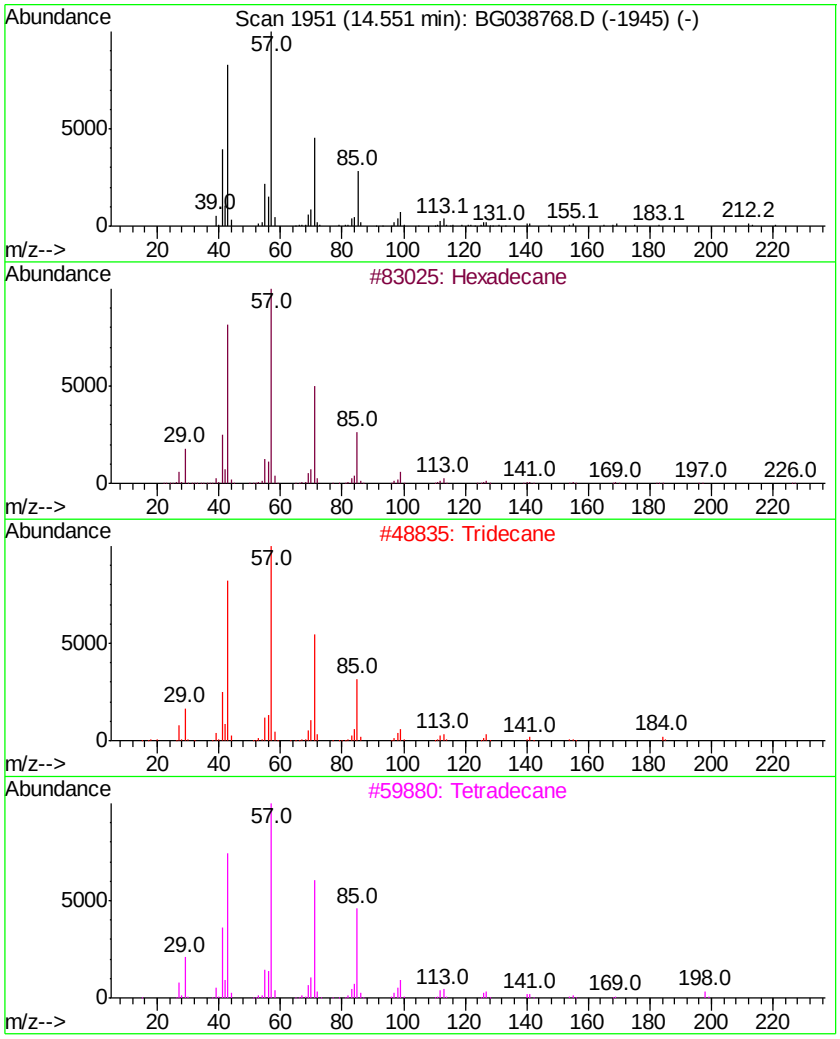
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

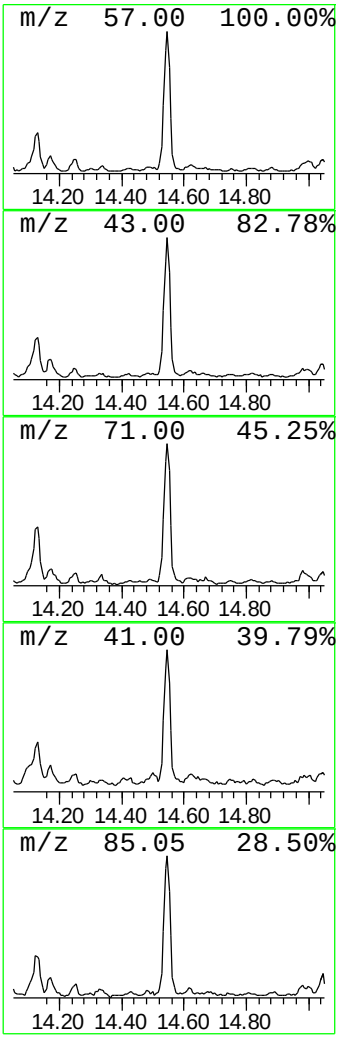
****

Peak Number 16 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	21.32 ng	336641	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	86
3	Tetradecane	198	C14H30	000629-59-4	72
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
5	Octadecane	254	C18H38	000593-45-3	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122018\
Data File : BG038768.D
Acq On : 20 Dec 2018 18:52
Operator : JU/SJ
Sample : J6426-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS013-3638-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

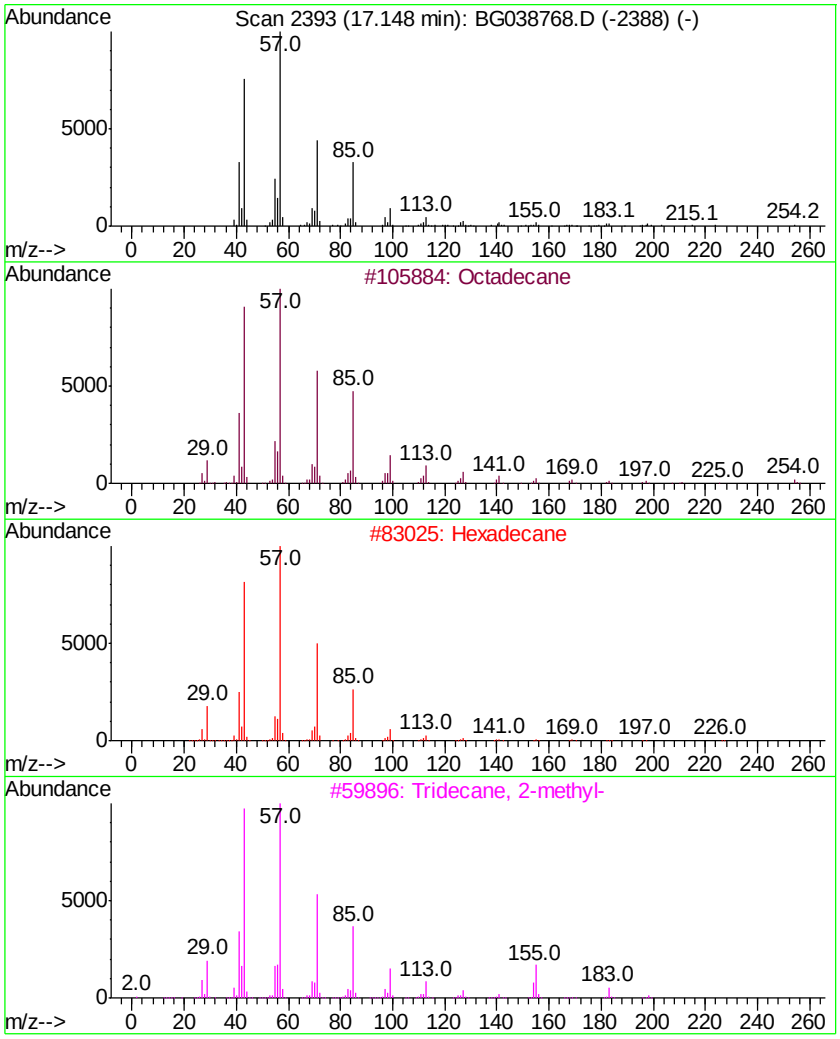
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

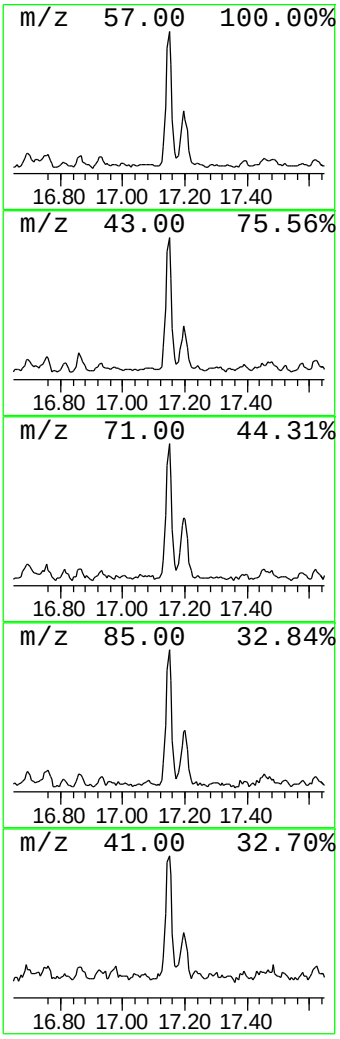
****

Peak Number 19 Octadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.15	11.70 ng	215369	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122018\
Data File : BG038768.D
Acq On : 20 Dec 2018 18:52
Operator : JU/SJ
Sample : J6426-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS013-3638-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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, 1,3-dime...	6.05	194.3	ng	1817430	1	8.05	187093	20.0
unknown7.58	7.58	75.9	ng	710018	1	8.05	187093	20.0
Benzene, 1,2-diet...	8.16	12.1	ng	113059	1	8.05	187093	20.0
Tridecane	12.24	27.3	ng	345737	2	10.87	253256	20.0
Tetradecane	13.48	26.8	ng	423102	3	14.69	315786	20.0
Naphthalene, 1,7-...	14.01	15.2	ng	239266	3	14.69	315786	20.0
Hexadecane	14.55	21.3	ng	336641	3	14.69	315786	20.0
Octadecane	17.15	11.7	ng	215369	4	17.44	368100	20.0