LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102021\
Data File : BG050658.D
Acq On : 20 Oct 2021 23:40
Operator : CG/JU
Sample : M4271-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-01-101821

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-BG100621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG050658.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.793	384	392	404	rBV	785119	1377821	71.92%	10.658%
2	7.397	657	665	677	rBV	823937	1476506	77.07%	11.421%
3	8.255	804	811	823	rVB	203785	369400	19.28%	2.857%
4	9.424	1002	1010	1021	rVB	505406	960953	50.16%	7.433%
5	10.816	1241	1247	1257	rBV	109691	196154	10.24%	1.517%
6	11.075	1284	1291	1298	rVB	270397	503616	26.29%	3.896%
7	12.444	1520	1524	1531	rBV4	12810	22043	1.15%	0.171%
8	13.495	1694	1703	1711	rBV	1181365	1857562	96.96%	14.369%
9	13.672	1727	1733	1737	rBV4	23318	38171	1.99%	0.295%
10	14.289	1834	1838	1841	rBV4	16063	24883	1.30%	0.192%
11	14.606	1887	1892	1898	rBV9	10816	20233	1.06%	0.157%
12	14.694	1902	1907	1910	rVV6	14521	23143	1.21%	0.179%
13	14.735	1910	1914	1918	rVB	28344	36293	1.89%	0.281%
14	14.870	1925	1937	1945	rBV	405031	673603	35.16%	5.210%
15	15.476	2037	2040	2044	rBV6	11420	19860	1.04%	0.154%
16	15.681	2071	2075	2081	rVB	43890	60651	3.17%	0.469%
17	16.357	2183	2190	2198	rBV	745947	1193162	62.28%	9.229%
18	16.539	2217	2221	2223	rBV	52972	73379	3.83%	0.568%
19	16.703	2247	2249	2255	rVB7	13374	19493	1.02%	0.151%
20	17.332	2353	2356	2360	rBV	47461	55604	2.90%	0.430%
21	17.385	2361	2365	2369	rVV	41347	55015	2.87%	0.426%
22	17.614	2398	2404	2409	rBV	422110	655958	34.24%	5.074%
23	17.655	2409	2411	2417	rVB	50430	69302	3.62%	0.536%
24	18.072	2479	2482	2487	rVB	55734	71341	3.72%	0.552%
25	18.472	2546	2550	2555	rBV3	98285	160175	8.36%	1.239%
26	18.760	2596	2599	2603	rBV2	56324	57311	2.99%	0.443%
27	19.383	2702	2705	2710	rBV2	98735	140617	7.34%	1.088%
28	19.659	2748	2752	2756	rBV	74195	104684	5.46%	0.810%
29	20.205	2840	2845	2849	rVB	1476374	1915727	100.00%	14.818%
30	20.487	2890	2893	2897	rVB4	134418	166928	8.71%	1.291%
31	21.915	3133	3136	3144	rVB2	317935	528393	27.58%	4.087%

Sum of corrected areas: 12927981

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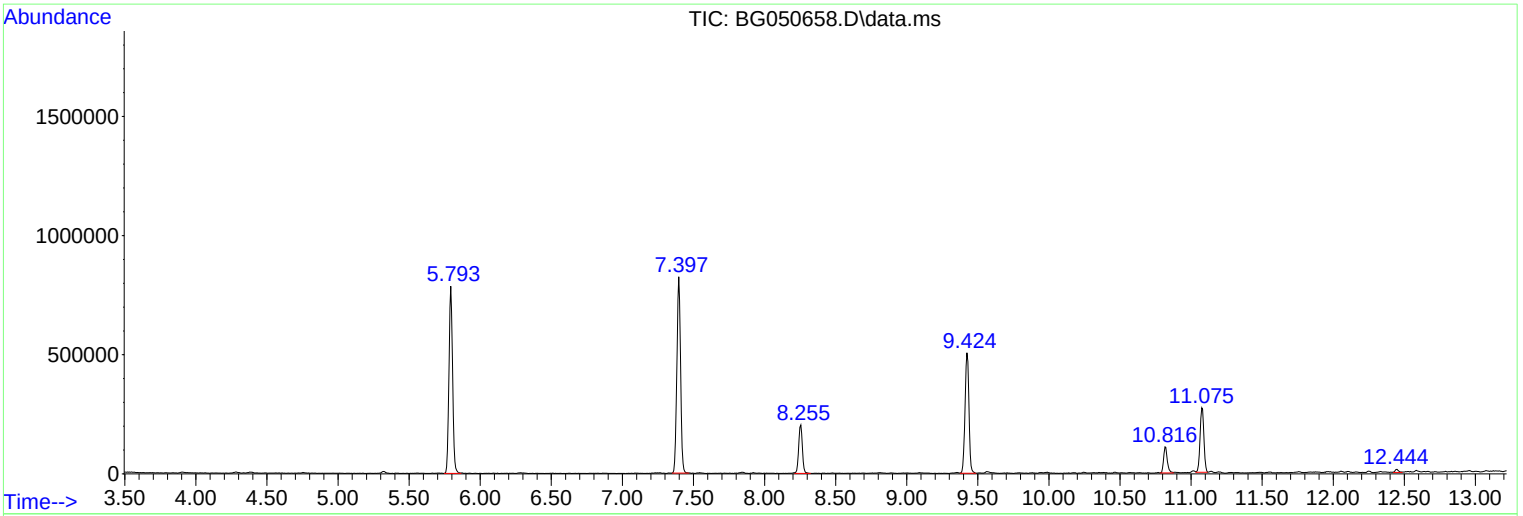
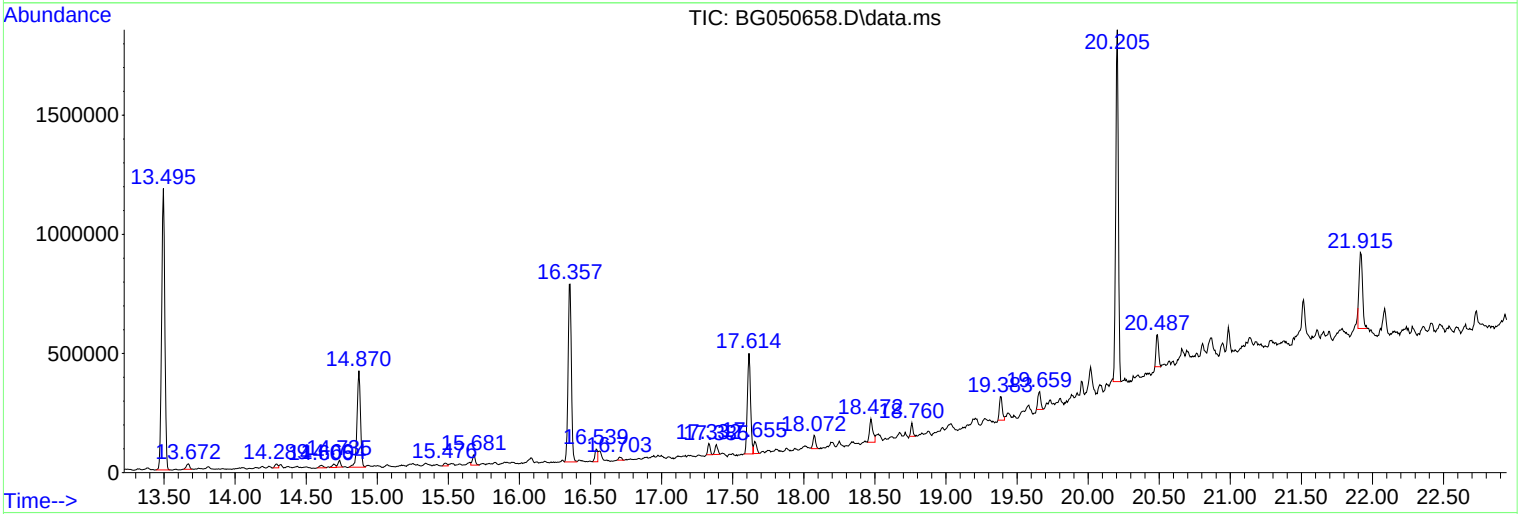
ALS Vial : 18 Sample Multiplier: 1

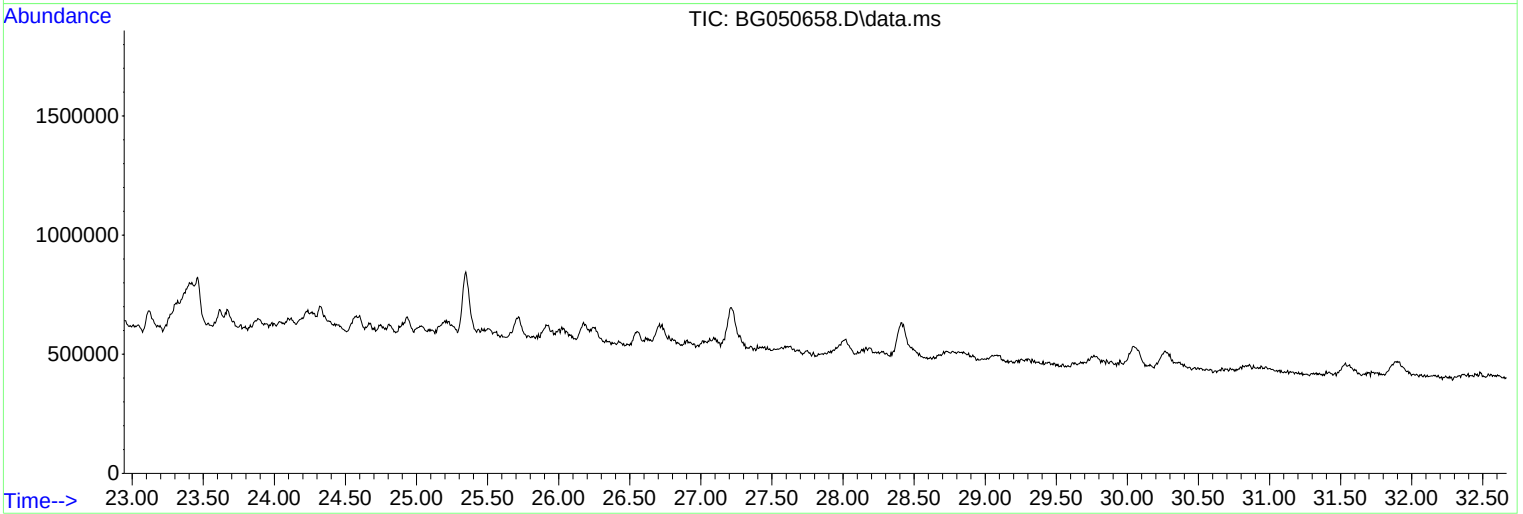
Instrument :
BNA_G
ClientSampleId :
OK-01-101821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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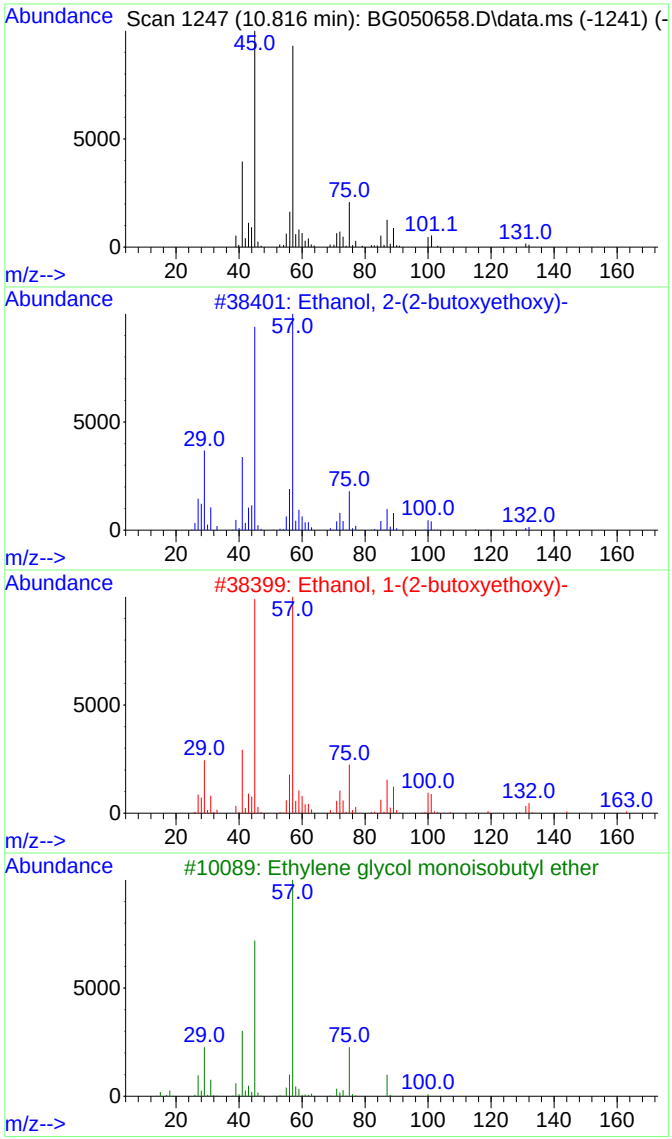
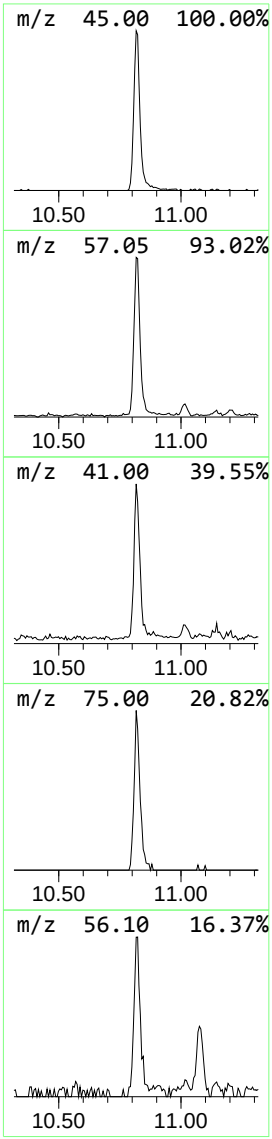
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.816	7.79 ng	196154	Naphthalene-d8	11.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	86
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	78
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	72
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	59
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	50





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
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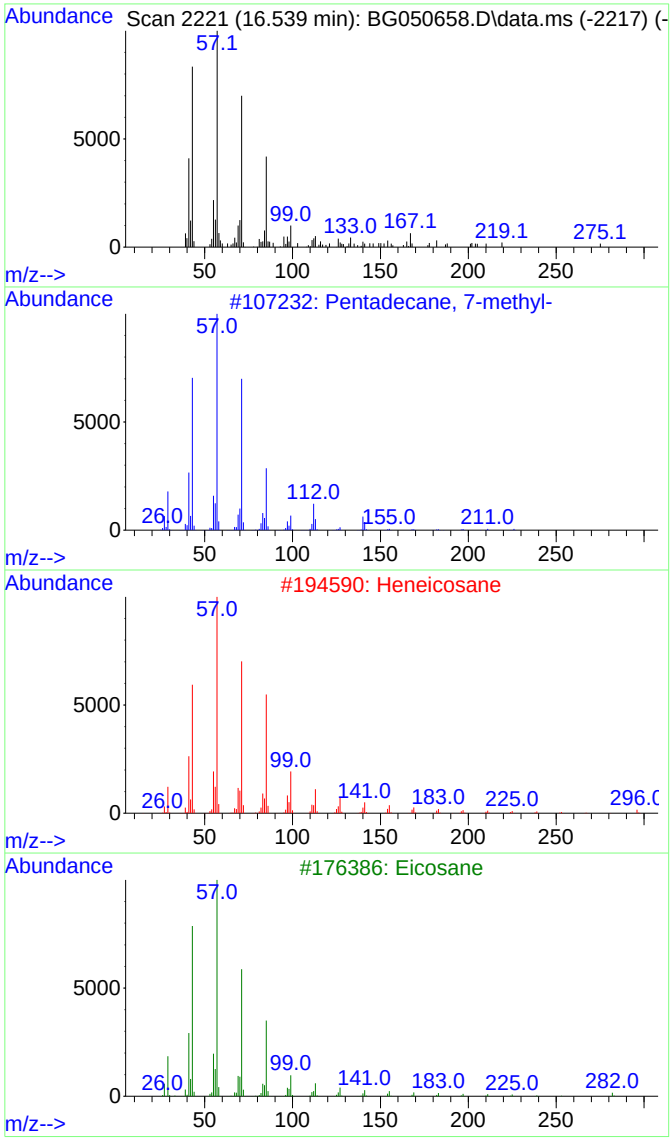
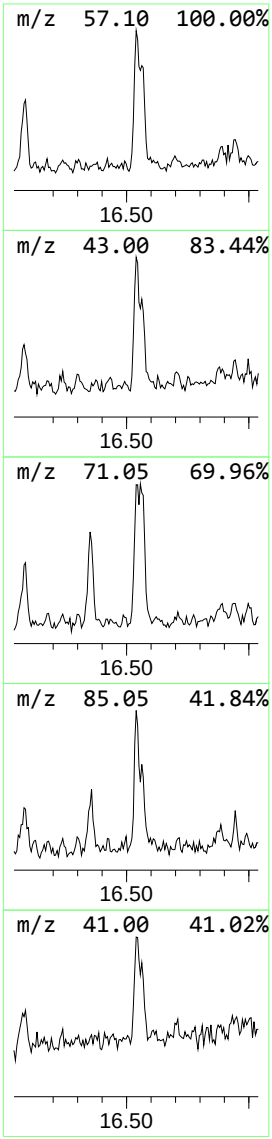
Peak Number 2 Pentadecane, 7-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.539	2.24 ng	73379	Phenanthrene-d10	17.614

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	80
2	Heneicosane	296	C21H44	000629-94-7	80
3	Eicosane	282	C20H42	000112-95-8	72
4	Tetradecane	198	C14H30	000629-59-4	72
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	72





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Sample : M4271-01
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
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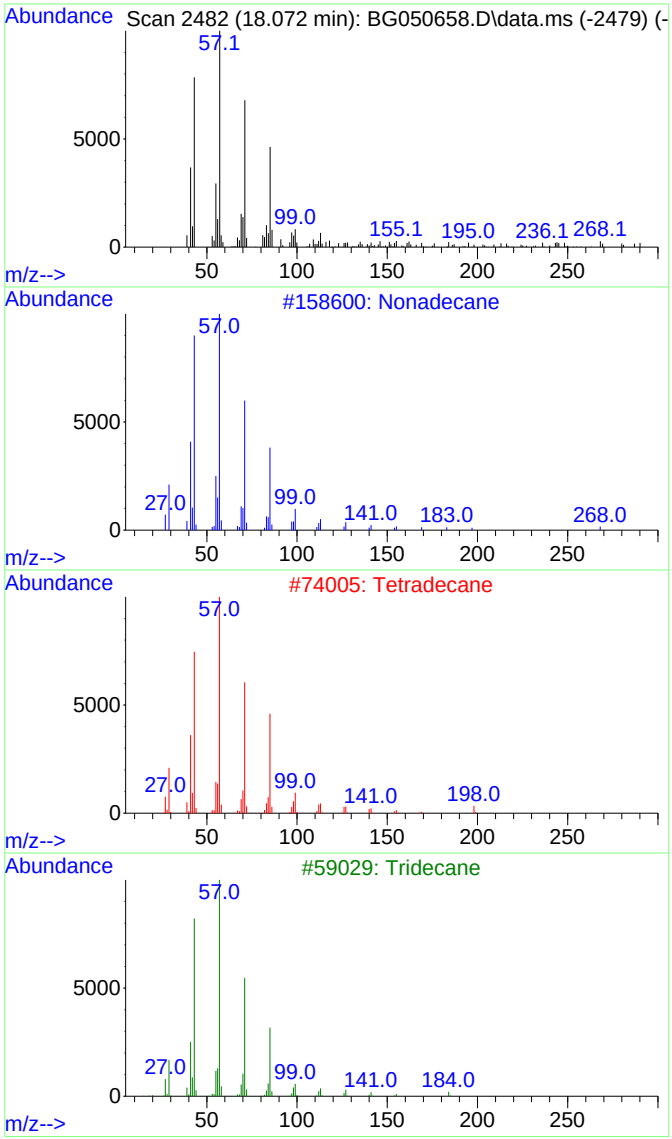
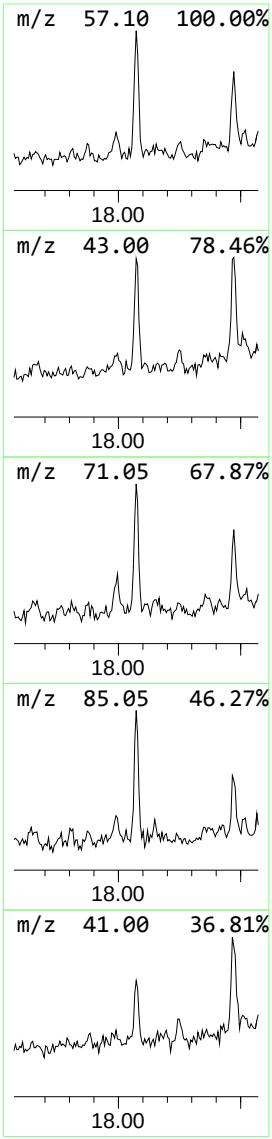
Peak Number 3 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.073	2.18 ng	71341	Phenanthrene-d10	17.614

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Tetradecane	198	C14H30	000629-59-4	91
3	Tridecane	184	C13H28	000629-50-5	91
4	Eicosane	282	C20H42	000112-95-8	83
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80





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Sample : M4271-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-01-101821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
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TIC Library : C:\Database\NIST20.L
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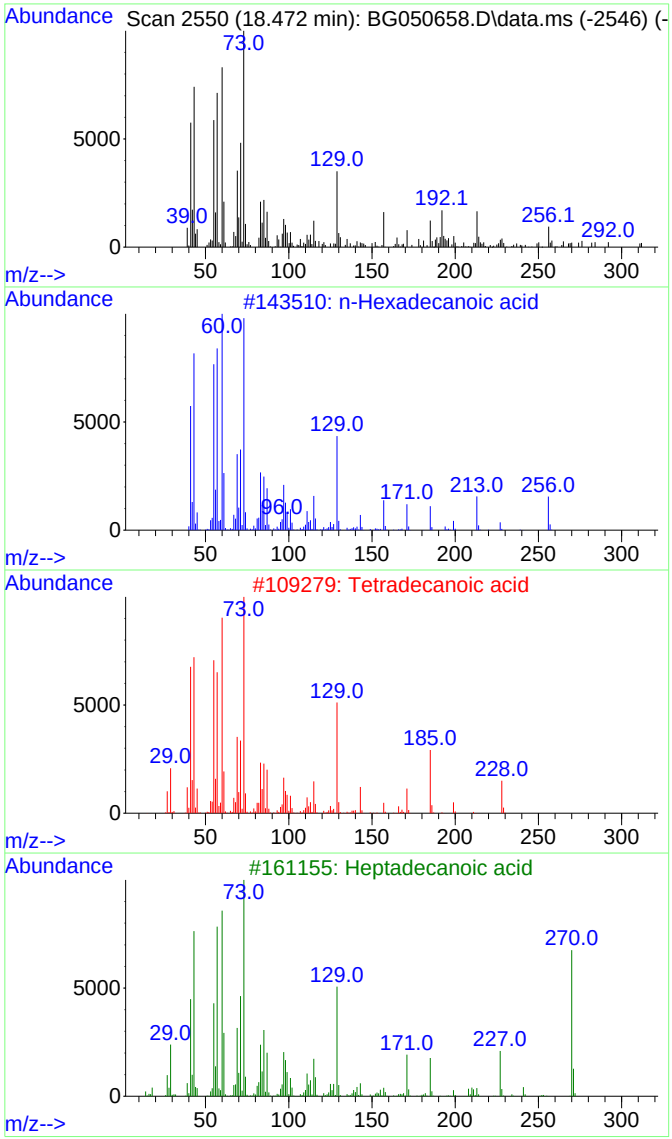
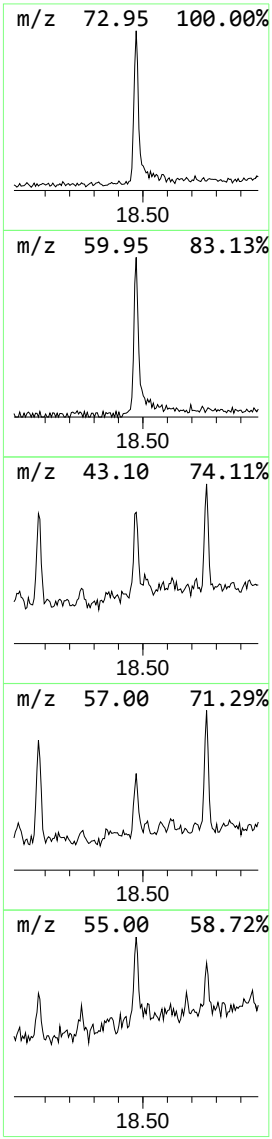
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.472	4.88 ng	160175	Phenanthrene-d10	17.614

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Heptadecanoic acid	270	C17H34O2	000506-12-7	92
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	76





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Sample : M4271-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-101821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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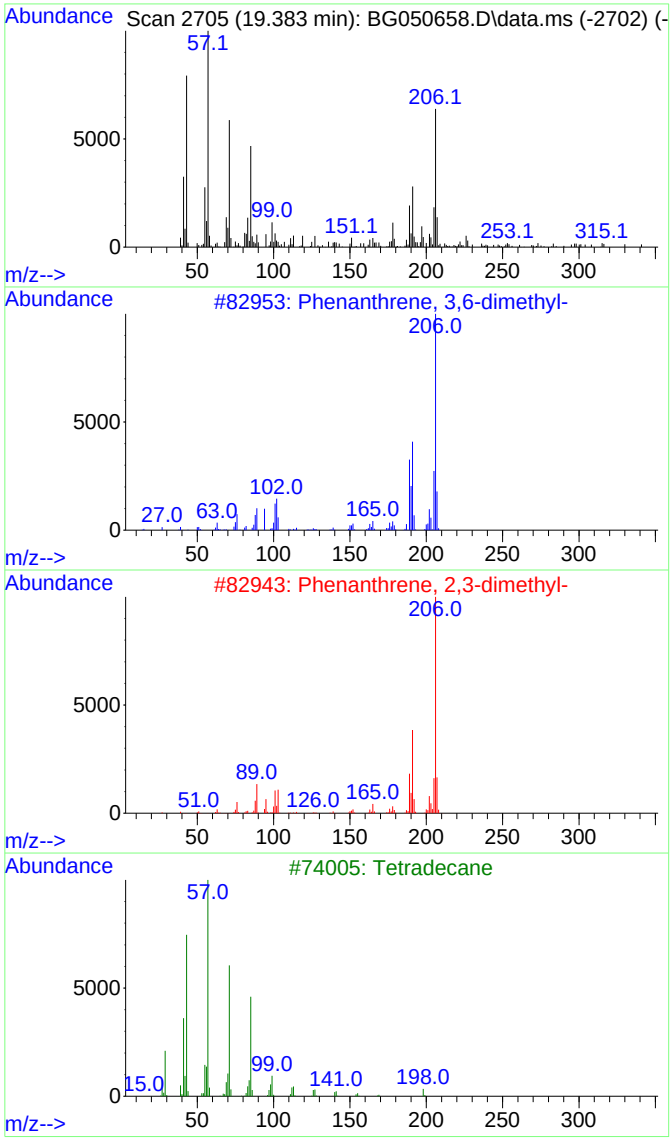
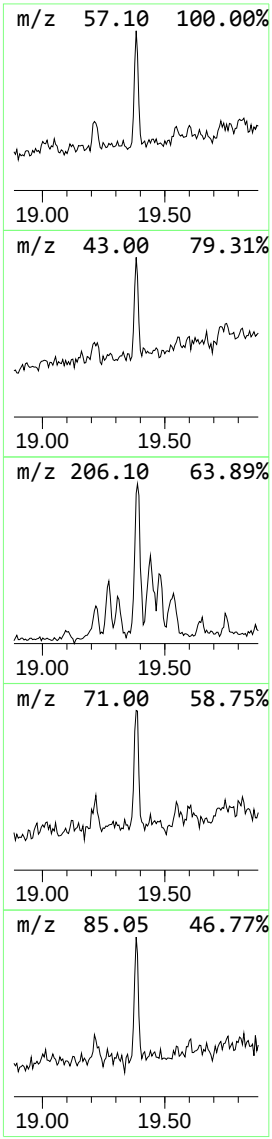
Peak Number 5 Phenanthrene, 3,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.383	4.29 ng	140617	Phenanthrene-d10	17.614

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	60
3	Tetradecane	198	C14H30	000629-59-4	51
4	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	46
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	46





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Instrument : BNA_G
ClientSampleId : OK-01-101821

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

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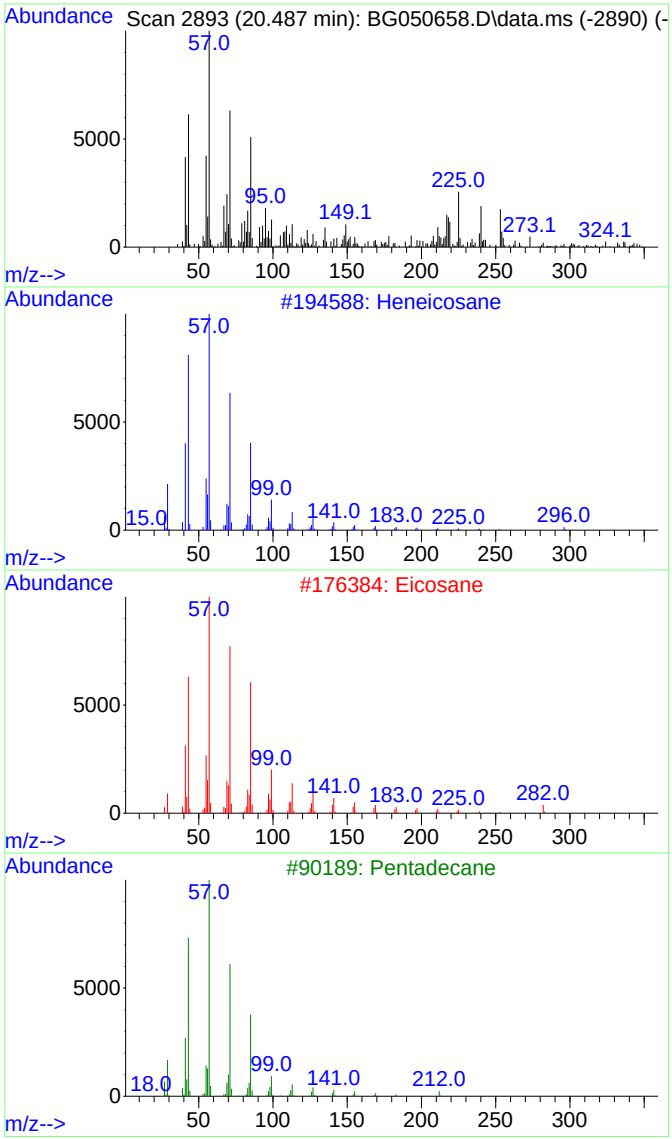
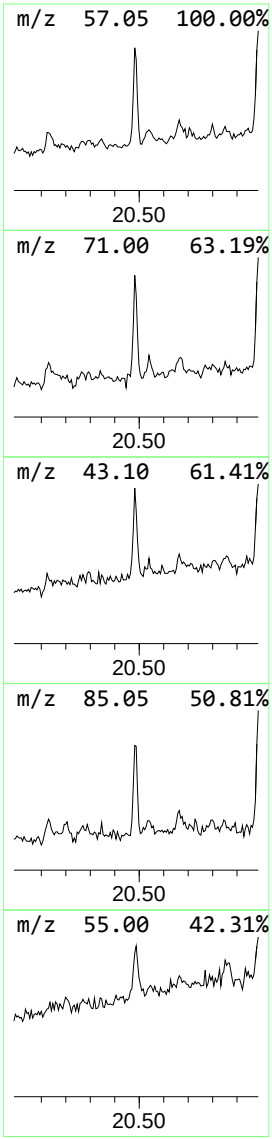
Peak Number 6 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.487	6.32 ng	166928	Chrysene-d12	21.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	78
2	Eicosane	282	C20H42	000112-95-8	64
3	Pentadecane	212	C15H32	000629-62-9	64
4	Hexadecane	226	C16H34	000544-76-3	64
5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	62





Tentatively Identified Compound (LSC) summary

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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
Ethanol, 2-(2-b...	10.816	7.8	ng	196154	2	11.075	503616	20.0
Pentadecane, 7-...	16.539	2.2	ng	73379	4	17.614	655958	20.0
Nonadecane	18.073	2.2	ng	71341	4	17.614	655958	20.0
n-Hexadecanoic ...	18.472	4.9	ng	160175	4	17.614	655958	20.0
Phenanthrene, 3...	19.383	4.3	ng	140617	4	17.614	655958	20.0
Heneicosane	20.487	6.3	ng	166928	5	21.915	528393	20.0