LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055704.D
Acq On : 19 Nov 2022 00:24
Operator : CG/JU
Sample : N5686-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-2-111722

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055704.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.303	337	343	352	rVB	69606	112543	8.12%	1.114%
2	5.785	418	425	436	rBV	443173	739747	53.38%	7.324%
3	7.401	690	700	717	rVB	455527	806902	58.22%	7.989%
4	8.253	834	845	852	rBV	195416	328997	23.74%	3.257%
5	9.422	1037	1044	1050	rBV	278500	495904	35.78%	4.910%
6	9.463	1050	1051	1056	rVB2	14568	17786	1.28%	0.176%
7	10.474	1217	1223	1226	rBV3	9186	15616	1.13%	0.155%
8	11.026	1311	1317	1320	rBV	20998	34607	2.50%	0.343%
9	11.079	1320	1326	1334	rVB	260154	477104	34.42%	4.724%
10	11.208	1341	1348	1354	rVB6	10477	22189	1.60%	0.220%
11	11.766	1434	1443	1448	rBV8	8690	19783	1.43%	0.196%
12	11.984	1472	1480	1485	rBV6	7726	19887	1.43%	0.197%
13	12.066	1485	1494	1499	rVV4	10248	18622	1.34%	0.184%
14	12.254	1521	1526	1533	rVB5	15573	26336	1.90%	0.261%
15	12.454	1555	1560	1566	rBV3	31309	47556	3.43%	0.471%
16	12.959	1642	1646	1652	rVB4	12501	19947	1.44%	0.197%
17	13.259	1693	1697	1702	rVB4	8055	14311	1.03%	0.142%
18	13.394	1715	1720	1723	rBV4	10249	15627	1.13%	0.155%
19	13.500	1731	1738	1748	rVB	746714	1152765	83.18%	11.414%
20	13.676	1760	1768	1776	rBV	38583	65690	4.74%	0.650%
21	13.817	1787	1792	1798	rVB5	10149	18318	1.32%	0.181%
22	14.240	1860	1864	1869	rVB7	8107	14337	1.03%	0.142%
23	14.299	1869	1874	1876	rVV3	10112	15174	1.09%	0.150%
24	14.328	1876	1879	1883	rVV2	20549	28049	2.02%	0.278%
25	14.375	1883	1887	1893	rVV5	10706	20678	1.49%	0.205%
26	14.446	1895	1899	1905	rVB7	11161	17159	1.24%	0.170%
27	14.739	1945	1949	1955	rVB	41425	50007	3.61%	0.495%
28	14.875	1966	1972	1980	rVB	407938	635726	45.87%	6.294%
29	15.356	2049	2054	2056	rBV3	10309	17515	1.26%	0.173%
30	15.685	2106	2110	2116	rVB	48279	64642	4.66%	0.640%
31	16.091	2172	2179	2183	rBV	19259	36631	2.64%	0.363%
32	16.214	2197	2200	2207	rVB2	12964	19174	1.38%	0.190%
33	16.355	2218	2224	2233	rBV	581557	862328	62.22%	8.538%
34	16.543	2251	2256	2259	rBV	72197	100669	7.26%	0.997%
35	17.336	2387	2391	2396	rBV	56619	66999	4.83%	0.663%
36	17.389	2396	2400	2405	rVV	24237	33778	2.44%	0.334%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055704.D
Acq On : 19 Nov 2022 00:24
Operator : CG/JU
Sample : N5686-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-2-111722

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.618	2432	2439	2444	rBV	463390	722539	52.13%	7.154%
38	18.077	2513	2517	2524	rVB	60282	75498	5.45%	0.748%
39	18.476	2580	2585	2590	rBV3	79412	144353	10.42%	1.429%
40	18.764	2630	2634	2638	rBV	61223	77826	5.62%	0.771%
41	19.387	2736	2740	2744	rBV	99773	125062	9.02%	1.238%
42	19.957	2834	2837	2840	rBV	76730	82772	5.97%	0.820%
43	20.204	2874	2879	2884	rVB	1105372	1385938	100.00%	13.722%
44	20.486	2924	2927	2931	rVB2	104560	116043	8.37%	1.149%
45	20.985	3010	3012	3019	rVB	79640	90557	6.53%	0.897%
46	21.919	3165	3171	3186	rVB2	415477	826280	59.62%	8.181%

Sum of corrected areas: 10099971

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
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Acq On : 19 Nov 2022 00:24
Operator : CG/JU
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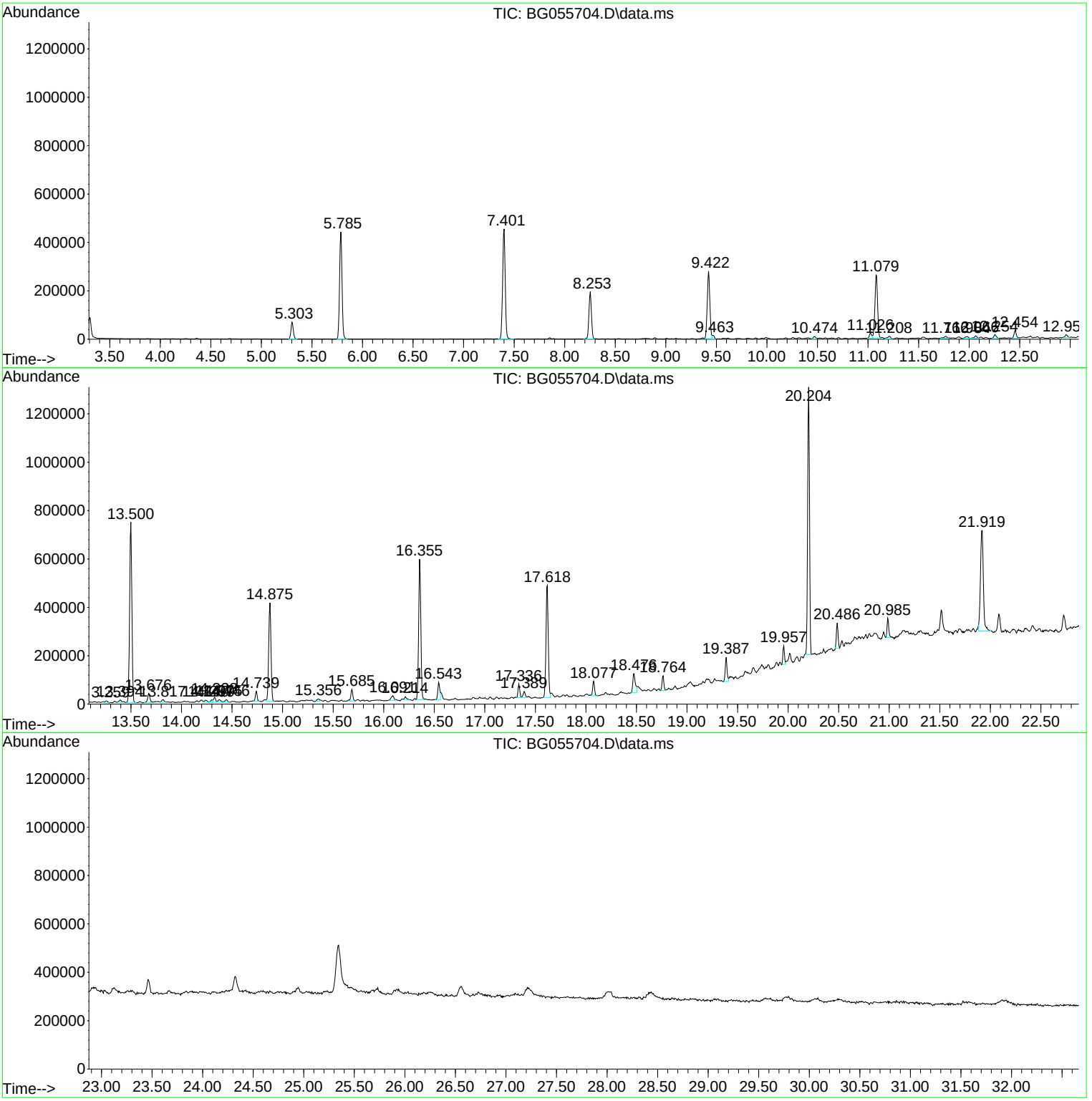
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-2-111722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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\BG111822\
Data File : BG055704.D
Acq On : 19 Nov 2022 00:24
Operator : CG/JU
Sample : N5686-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-2-111722

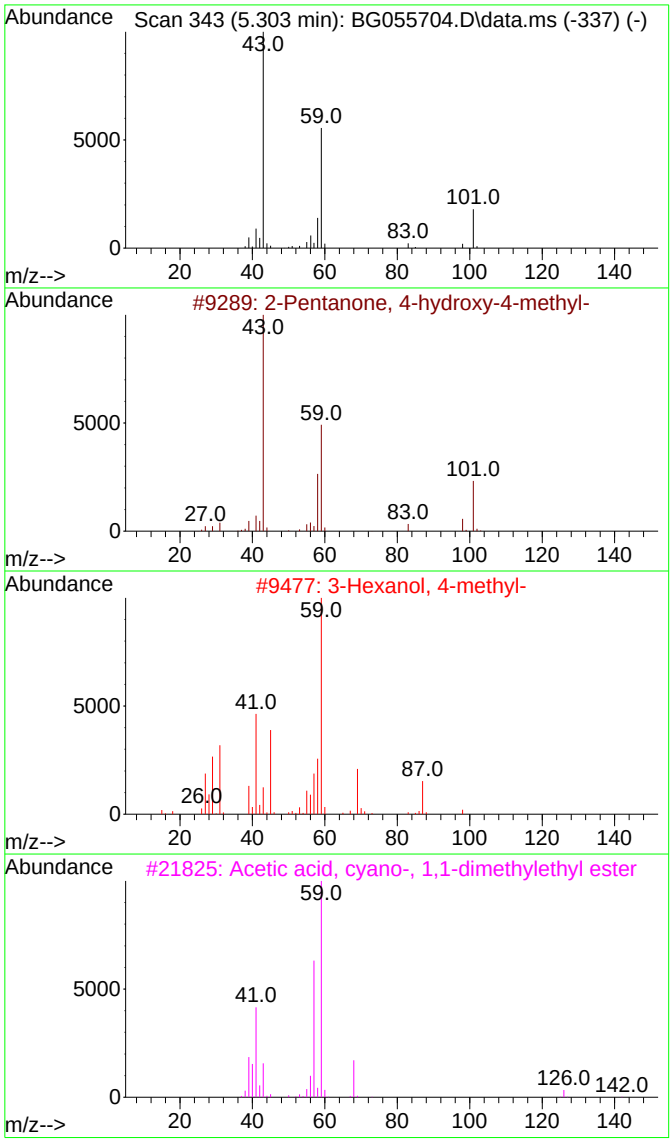
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

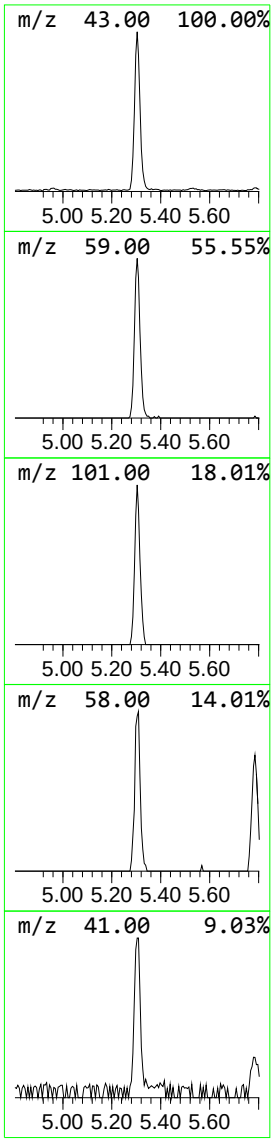
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.303	6.84 ng	112543	1,4-Dichlorobenzene-d4	8.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055704.D
Acq On : 19 Nov 2022 00:24
Operator : CG/JU
Sample : N5686-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-2-111722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

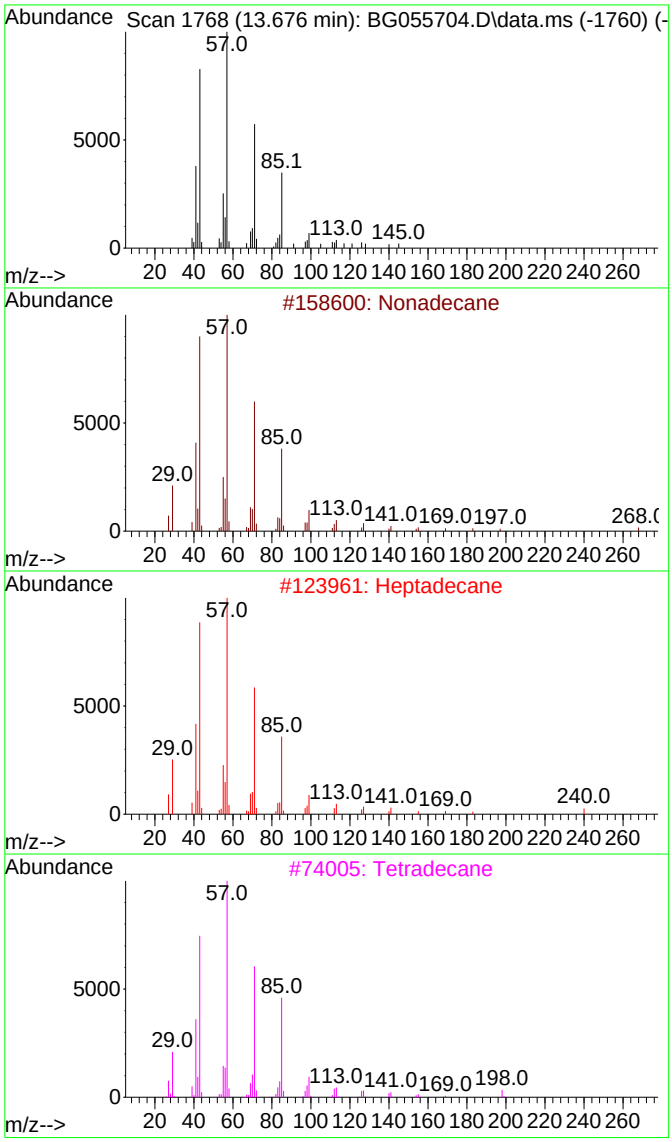
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

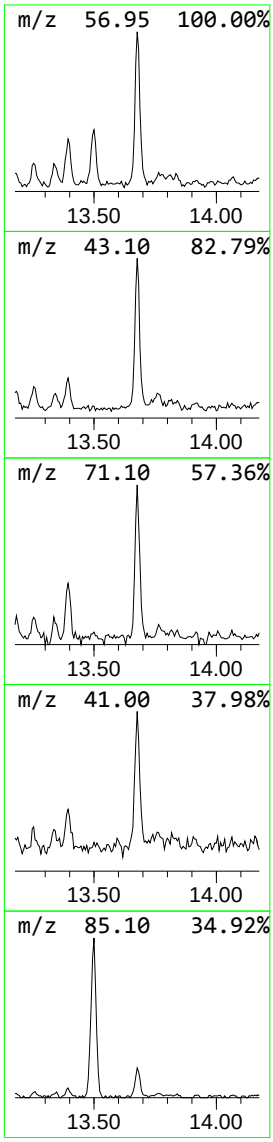
****

Peak Number 2 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.676	2.07 ng	65690	Acenaphthene-d10	14.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tridecane	184	C13H28	000629-50-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055704.D
Acq On : 19 Nov 2022 00:24
Operator : CG/JU
Sample : N5686-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-2-111722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

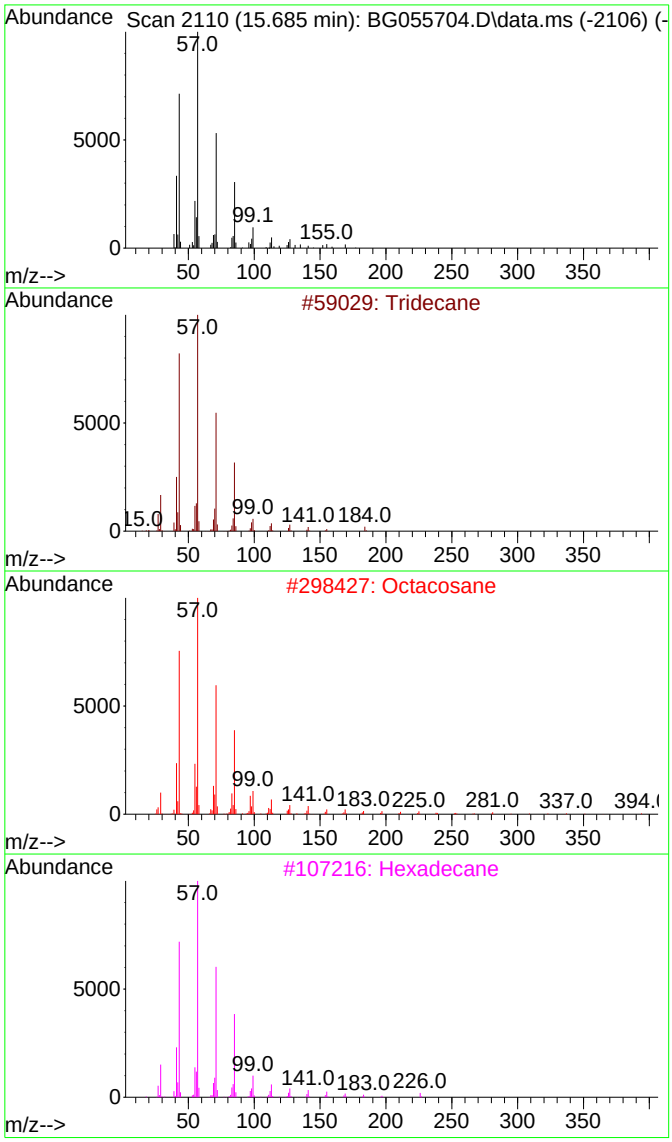
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

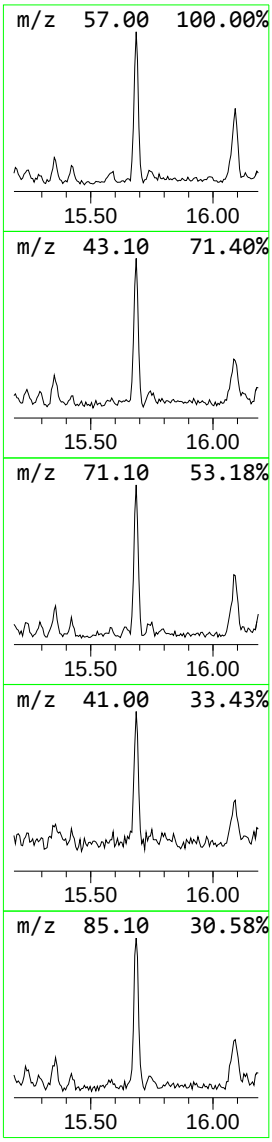
****

Peak Number 3 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.685	2.03 ng	64642	Acenaphthene-d10	14.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Pentadecane	212	C15H32	000629-62-9	86
5	Tetracosane	338	C24H50	000646-31-1	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055704.D
Acq On : 19 Nov 2022 00:24
Operator : CG/JU
Sample : N5686-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-2-111722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

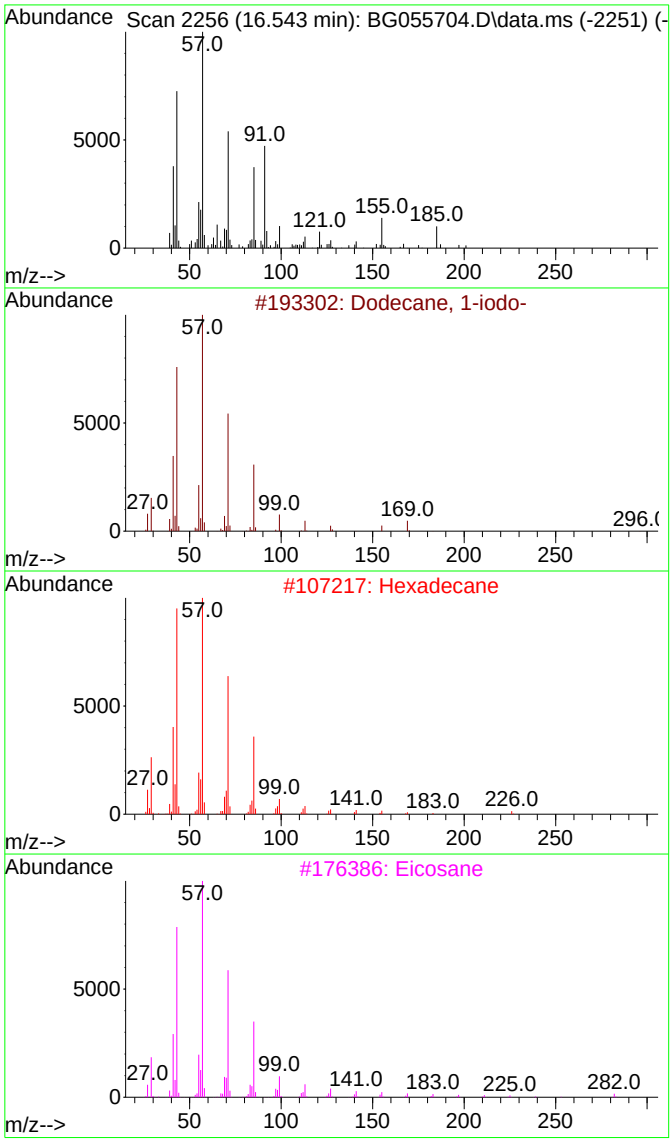
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

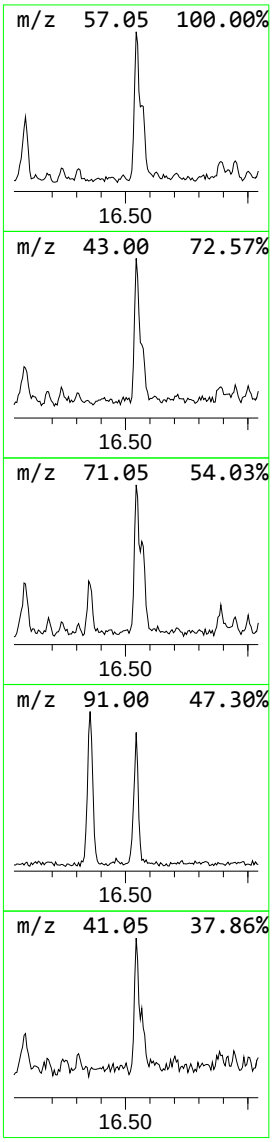
****

Peak Number 4 Dodecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.543	2.79 ng	100669	Phenanthrene-d10	17.618

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
2	Hexadecane	226	C16H34	000544-76-3	72
3	Eicosane	282	C20H42	000112-95-8	72
4	Undecane, 3-ethyl-	184	C13H28	017312-58-2	72
5	Nonadecane	268	C19H40	000629-92-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055704.D
Acq On : 19 Nov 2022 00:24
Operator : CG/JU
Sample : N5686-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-2-111722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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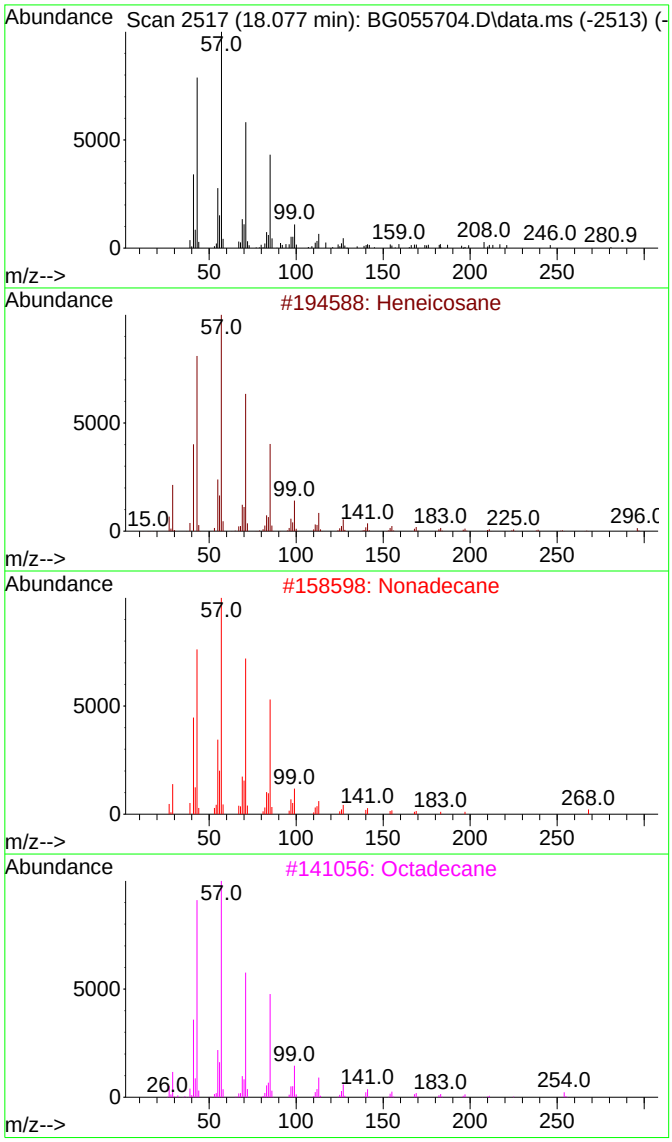
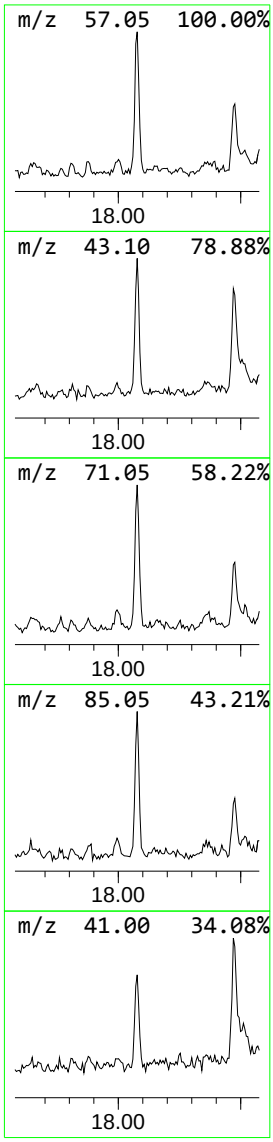
Peak Number 5 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.077	2.09 ng	75498	Phenanthrene-d10	17.618

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055704.D
Acq On : 19 Nov 2022 00:24
Operator : CG/JU
Sample : N5686-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-2-111722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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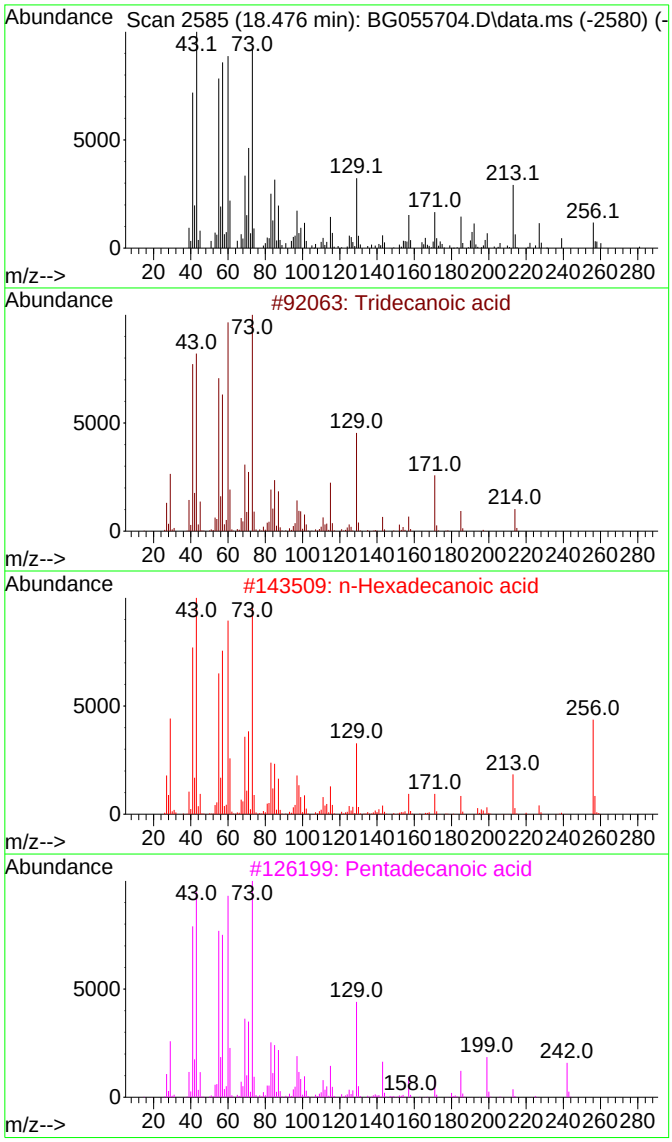
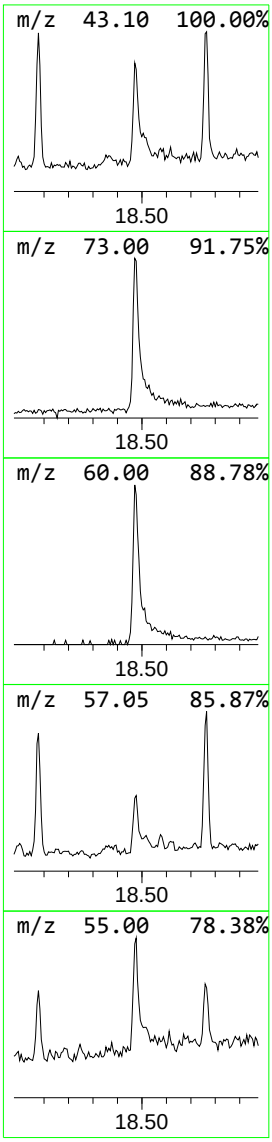
Peak Number 6 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.476	4.00 ng	144353	Phenanthrene-d10	17.618

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	90
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055704.D
Acq On : 19 Nov 2022 00:24
Operator : CG/JU
Sample : N5686-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-2-111722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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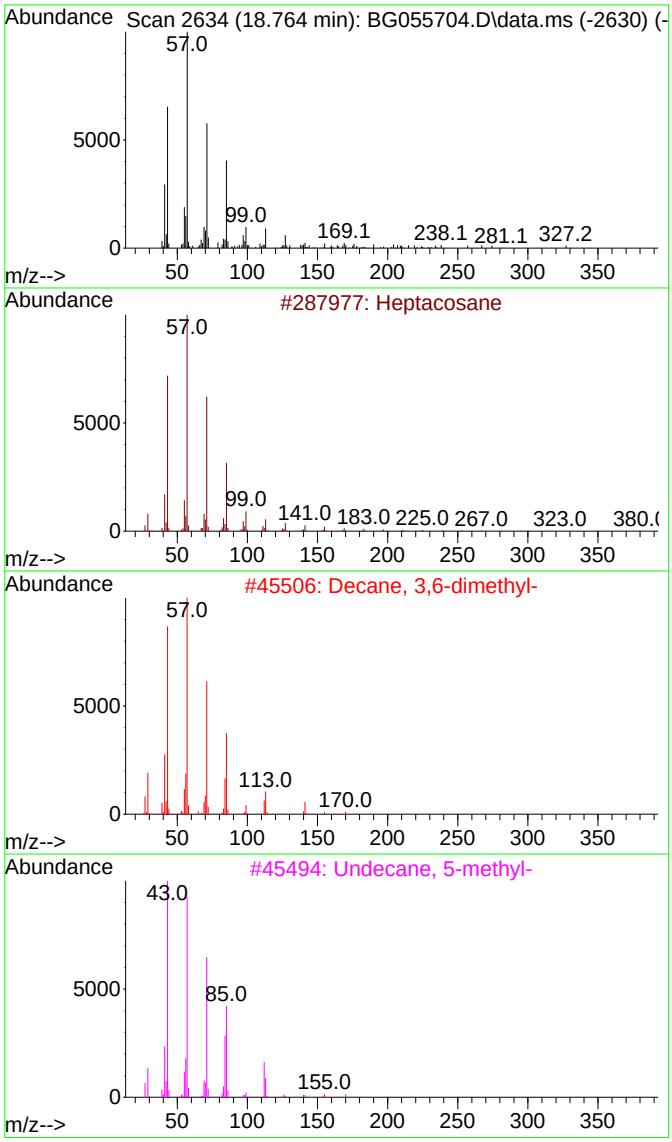
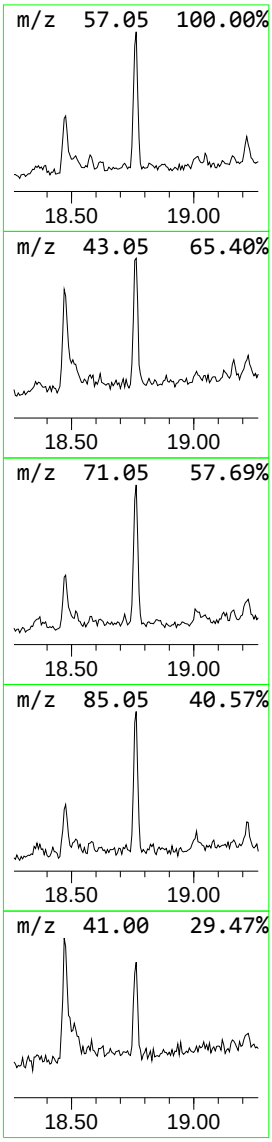
Peak Number 7 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.764	2.15 ng	77826	Phenanthrene-d10	17.618

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	87
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	87
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
5	Tetracosane	338	C24H50	000646-31-1	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055704.D
Acq On : 19 Nov 2022 00:24
Operator : CG/JU
Sample : N5686-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-2-111722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

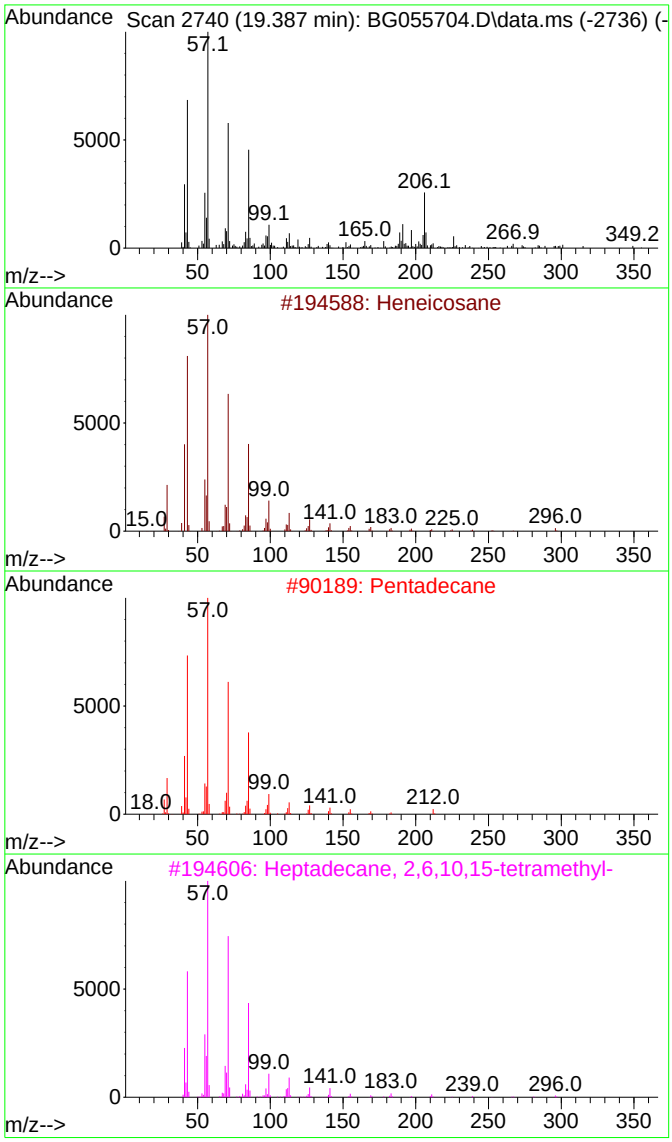
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

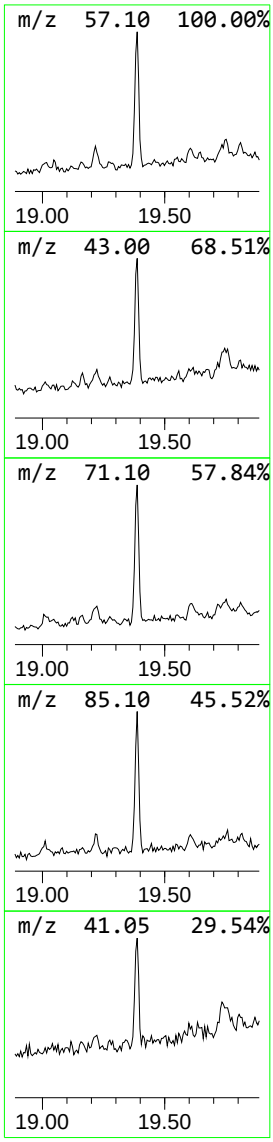
****

Peak Number 8 Pentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.387	3.46 ng	125062	Phenanthrene-d10	17.618

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	70
4	Hexadecane	226	C16H34	000544-76-3	70
5	Nonadecane	268	C19H40	000629-92-5	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055704.D
Acq On : 19 Nov 2022 00:24
Operator : CG/JU
Sample : N5686-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-2-111722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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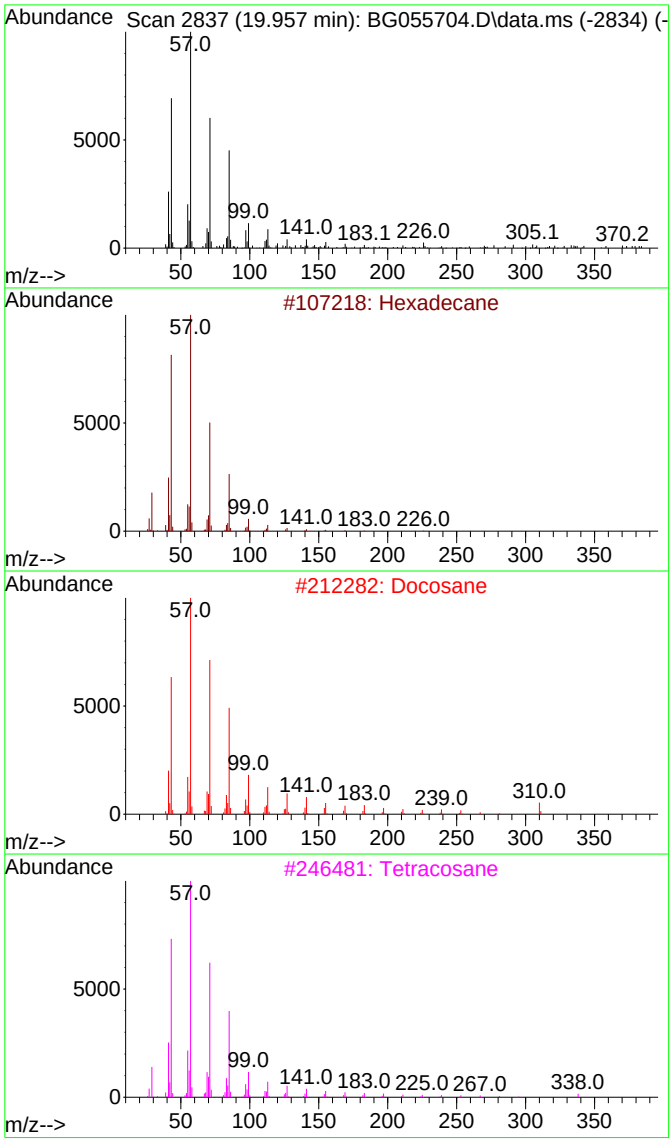
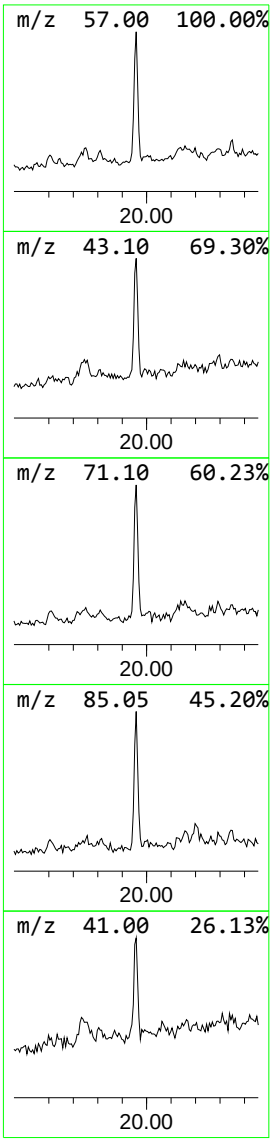
Peak Number 9 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.957	2.00 ng	82772	Chrysene-d12	21.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Docosane	310	C22H46	000629-97-0	91
3	Tetracosane	338	C24H50	000646-31-1	87
4	Octacosane	394	C28H58	000630-02-4	83
5	Heneicosane	296	C21H44	000629-94-7	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055704.D
Acq On : 19 Nov 2022 00:24
Operator : CG/JU
Sample : N5686-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-2-111722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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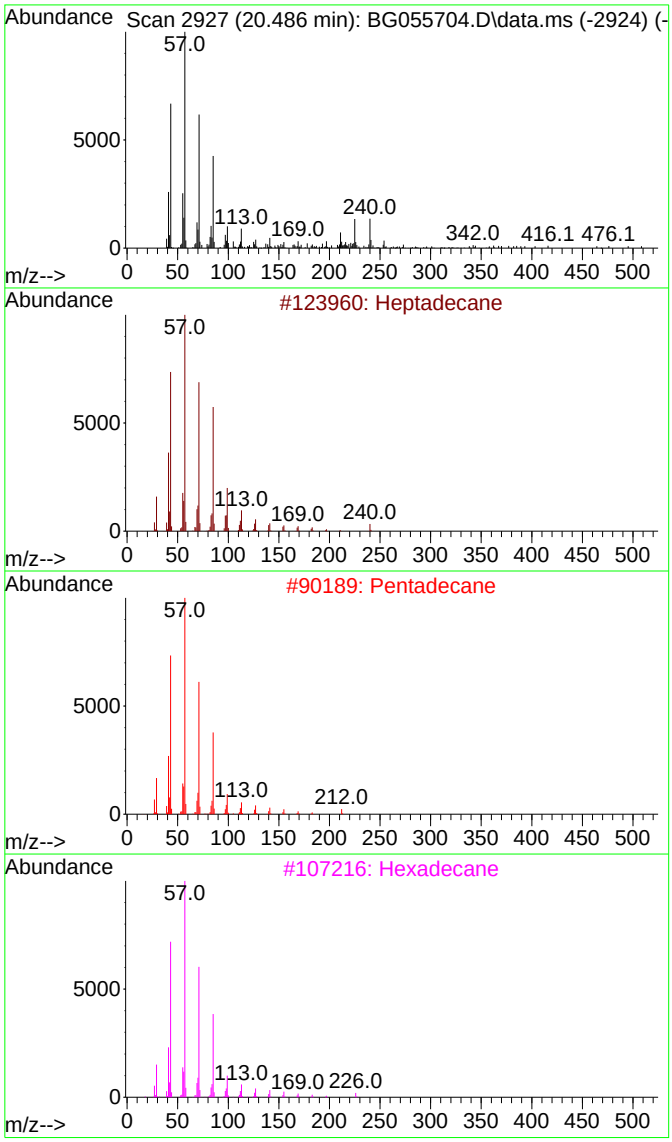
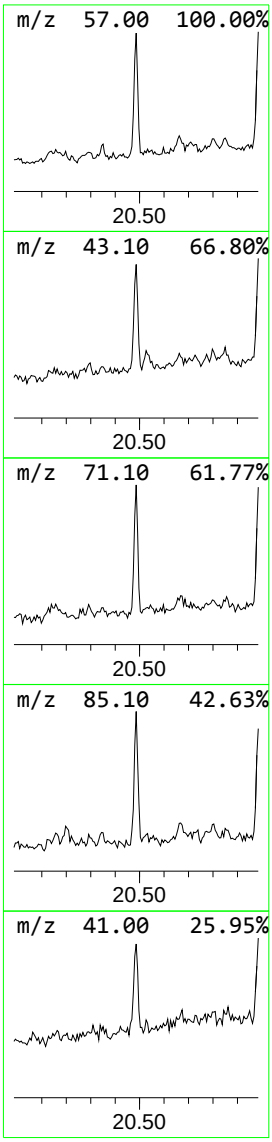
Peak Number 10 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.486	2.81 ng	116043	Chrysene-d12	21.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Pentadecane	212	C15H32	000629-62-9	96
3	Hexadecane	226	C16H34	000544-76-3	96
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
5	Heneicosane	296	C21H44	000629-94-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055704.D
Acq On : 19 Nov 2022 00:24
Operator : CG/JU
Sample : N5686-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-2-111722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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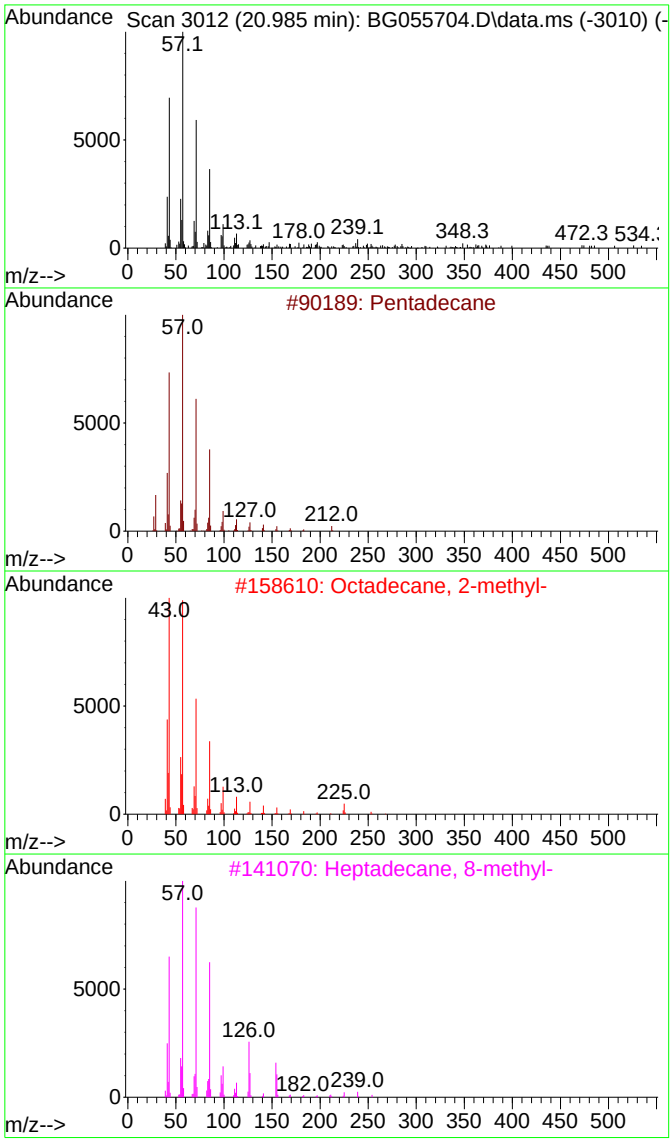
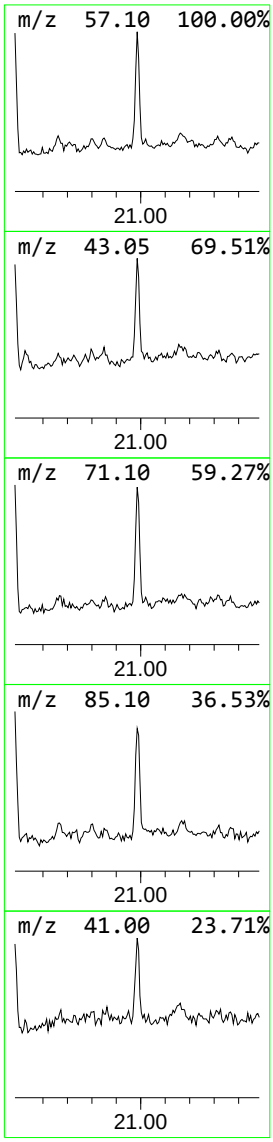
Peak Number 11 Octadecane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.985	2.19 ng	90557	Chrysene-d12	21.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	89
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	89
4	Octacosane	394	C28H58	000630-02-4	76
5	Hexatriacontane	507	C36H74	000630-06-8	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055704.D
Acq On : 19 Nov 2022 00:24
Operator : CG/JU
Sample : N5686-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-2-111722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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
2-Pentanone, 4-...	5.303	6.8	ng	112543	1	8.253	328997	20.0
Nonadecane	13.676	2.1	ng	65690	3	14.875	635726	20.0
Tridecane	15.685	2.0	ng	64642	3	14.875	635726	20.0
Dodecane, 1-iodo-	16.543	2.8	ng	100669	4	17.618	722539	20.0
Heneicosane	18.077	2.1	ng	75498	4	17.618	722539	20.0
Tridecanoic acid	18.476	4.0	ng	144353	4	17.618	722539	20.0
Heptacosane	18.764	2.1	ng	77826	4	17.618	722539	20.0
Pentadecane	19.387	3.5	ng	125062	4	17.618	722539	20.0
Hexadecane	19.957	2.0	ng	82772	5	21.919	826280	20.0
Heptadecane	20.486	2.8	ng	116043	5	21.919	826280	20.0
Octadecane, 2-m...	20.985	2.2	ng	90557	5	21.919	826280	20.0