LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045081.D
Acq On : 19 Apr 2020 00:20
Operator : CG/JU
Sample : L2304-13
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-F2

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-BG041520.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	4.171	167	184	187	rBV	96994	301313	1.05%	0.274%
2	5.604	402	428	439	rBV2	1268745	2932939	10.25%	2.670%
3	7.202	674	700	709	rVB2	1575407	4828673	16.88%	4.396%
4	8.024	833	840	847	rVB2	295000	519701	1.82%	0.473%
5	8.353	878	896	904	rVB	1078313	2168271	7.58%	1.974%
6	8.776	941	968	979	rVB2	425177	2216192	7.75%	2.018%
7	9.187	1031	1038	1046	rVV	882481	1724857	6.03%	1.570%
8	9.375	1063	1070	1081	rBV5	119374	325458	1.14%	0.296%
9	10.368	1204	1239	1242	rBV2	939911	5902455	20.63%	5.373%
10	10.832	1308	1318	1330	rVB	441837	980405	3.43%	0.893%
11	11.725	1455	1470	1472	rBV4	657254	2030037	7.10%	1.848%
12	12.501	1595	1602	1608	rBV5	192438	413764	1.45%	0.377%
13	12.589	1611	1617	1627	rBV	397560	1017592	3.56%	0.926%
14	13.012	1680	1689	1696	rVB2	616436	1432100	5.01%	1.304%
15	13.282	1729	1735	1746	rVB	2366899	3950135	13.81%	3.596%
16	13.493	1767	1771	1779	rVB3	255086	507117	1.77%	0.462%
17	13.687	1798	1804	1808	rBV3	237623	445785	1.56%	0.406%
18	14.116	1872	1877	1881	rVV2	448968	825207	2.88%	0.751%
19	14.562	1949	1953	1957	rBV	424796	567912	1.99%	0.517%
20	14.662	1963	1970	1976	rBV	610814	1020119	3.57%	0.929%
21	14.815	1985	1996	2001	rBV5	371179	1228310	4.29%	1.118%
22	15.120	2037	2048	2051	rBV3	501544	1314883	4.60%	1.197%
23	15.514	2111	2115	2120	rVB	370557	458933	1.60%	0.418%
24	16.148	2217	2223	2230	rVB	1543174	2424216	8.47%	2.207%
25	16.266	2239	2243	2248	rBV2	278940	470039	1.64%	0.428%
26	16.378	2258	2262	2265	rBV	394812	535774	1.87%	0.488%
27	16.842	2335	2341	2347	rBV2	1218742	2041641	7.14%	1.859%
28	17.171	2393	2397	2402	rVV	272792	360279	1.26%	0.328%
29	17.406	2432	2437	2441	rBV	624035	1039569	3.63%	0.946%
30	17.599	2464	2470	2474	rVB2	364325	635285	2.22%	0.578%
31	17.911	2519	2523	2526	rVB2	404996	545416	1.91%	0.497%
32	18.398	2588	2606	2620	rBV3	8351021	28605269	100.00%	26.041%
33	18.604	2637	2641	2645	rBV	529700	706352	2.47%	0.643%
34	19.227	2744	2747	2752	rVB	949821	1152878	4.03%	1.050%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045081.D
Acq On : 19 Apr 2020 00:20
Operator : CG/JU
Sample : L2304-13
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-F2

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-BG041520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.350	2765	2768	2772	rVB	755329	878088	3.07%	0.799%
36	19.556	2800	2803	2806	rBV2	593402	700953	2.45%	0.638%
37	19.638	2807	2817	2825	rVV	4049712	10171417	35.56%	9.260%
38	19.808	2842	2846	2850	rBV2	1748401	2072802	7.25%	1.887%
39	20.020	2878	2882	2888	rVB	3481482	4827231	16.88%	4.394%
40	20.237	2916	2919	2927	rBV	703996	992501	3.47%	0.904%
41	20.337	2932	2936	2940	rVB	1883928	2210883	7.73%	2.013%
42	20.513	2963	2966	2972	rVB	897446	1053090	3.68%	0.959%
43	20.695	2995	2997	3006	rVB4	655585	919875	3.22%	0.837%
44	20.830	3016	3020	3029	rVB	1761062	2142341	7.49%	1.950%
45	21.336	3103	3106	3111	rVB	1334203	1691665	5.91%	1.540%
46	21.888	3196	3200	3207	rVB	869822	1342589	4.69%	1.222%
47	22.105	3233	3237	3243	rVB	1205535	1987244	6.95%	1.809%
48	23.439	3458	3464	3477	rVB5	1418622	3228798	11.29%	2.939%

Sum of corrected areas: 109848353

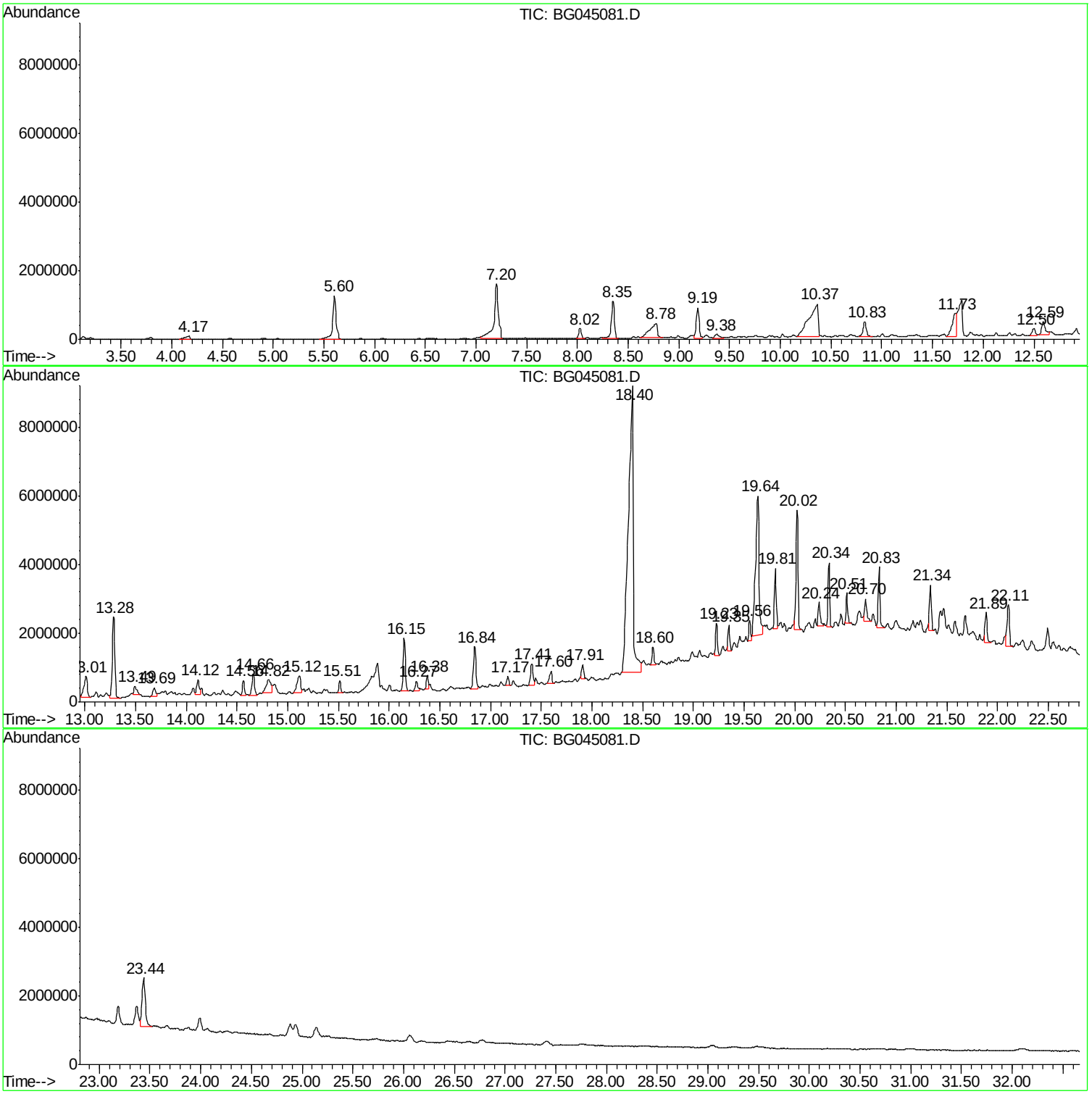
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045081.D
Acq On : 19 Apr 2020 00:20
Operator : CG/JU
Sample : L2304-13
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-F2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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\BG041720\
Data File : BG045081.D
Acq On : 19 Apr 2020 00:20
Operator : CG/JU
Sample : L2304-13
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-F2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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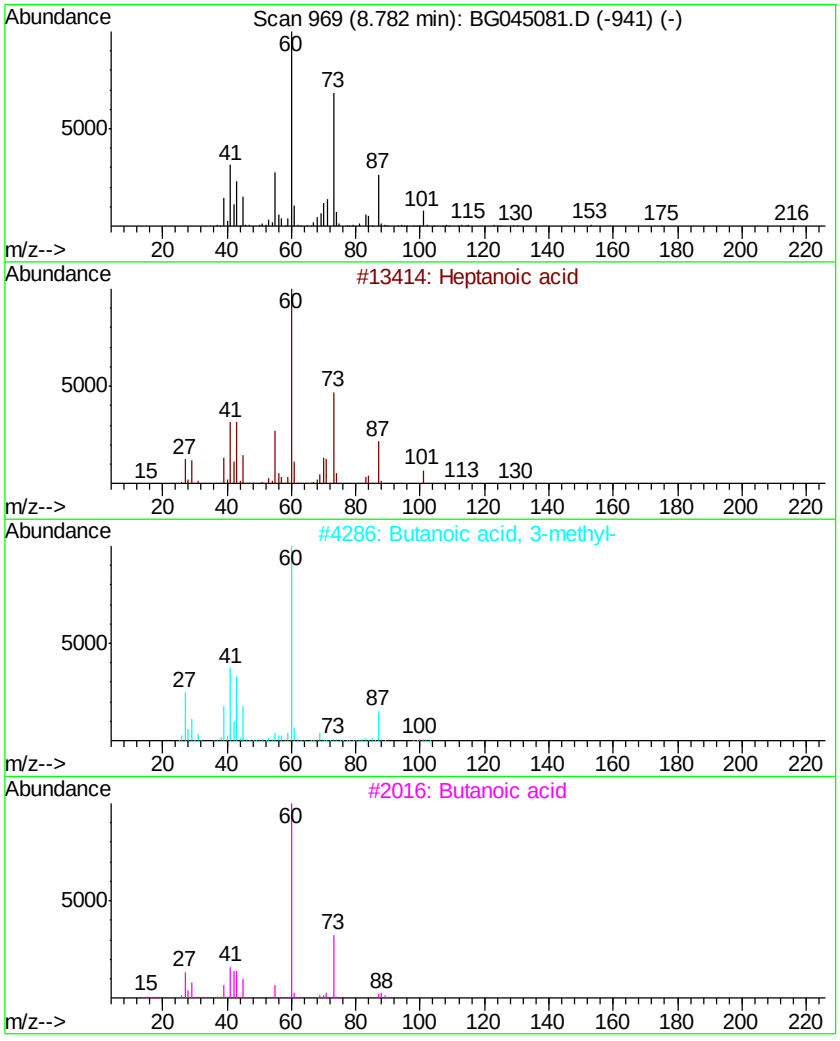
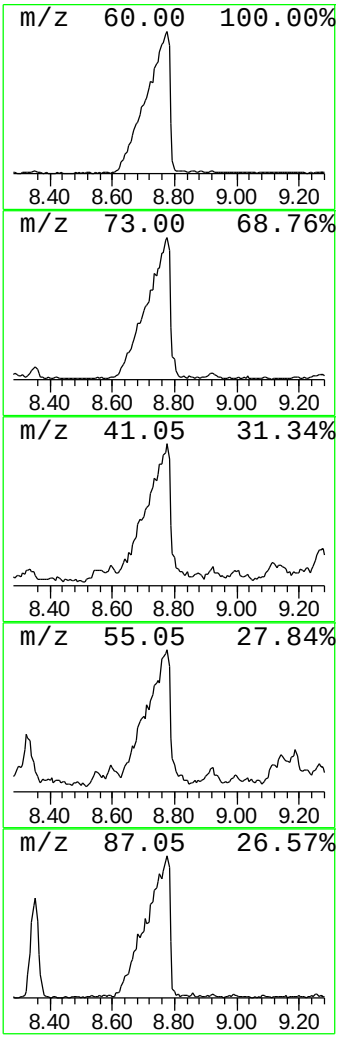
Peak Number 2 Heptanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	85.29 ng	2216190	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid	130	C7H14O2	000111-14-8	90
2	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	59
3	Butanoic acid	88	C4H8O2	000107-92-6	53
4	Hexanoic acid	116	C6H12O2	000142-62-1	50
5	Pentanoic acid	102	C5H10O2	000109-52-4	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045081.D
Acq On : 19 Apr 2020 00:20
Operator : CG/JU
Sample : L2304-13
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-F2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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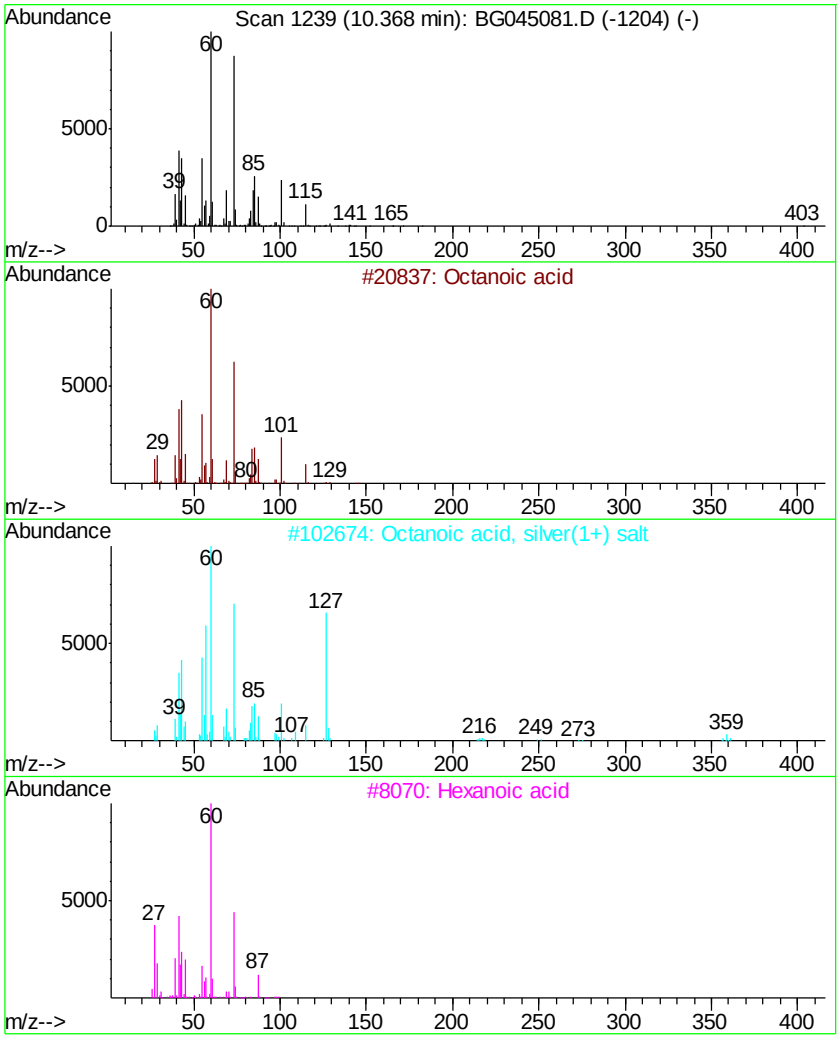
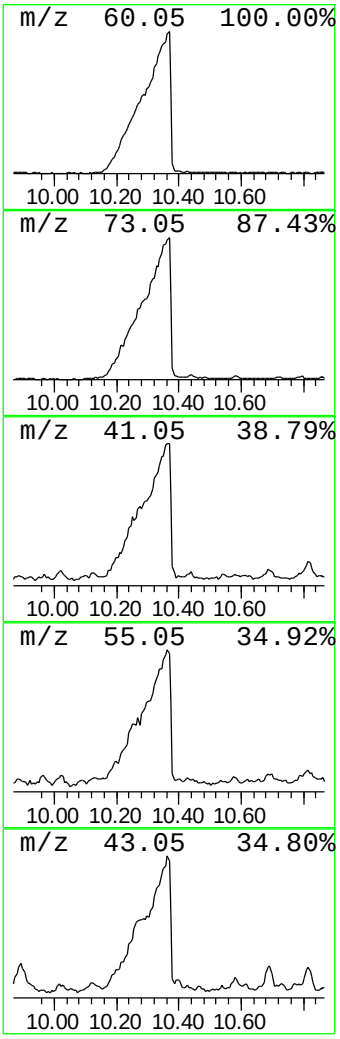
Peak Number 3 Octanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	120.41 ng	5902460	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid	144	C8H16O2	000124-07-2	94
2	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	50
3	Hexanoic acid	116	C6H12O2	000142-62-1	50
4	Nonanoic acid	158	C9H18O2	000112-05-0	45
5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045081.D
Acq On : 19 Apr 2020 00:20
Operator : CG/JU
Sample : L2304-13
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-F2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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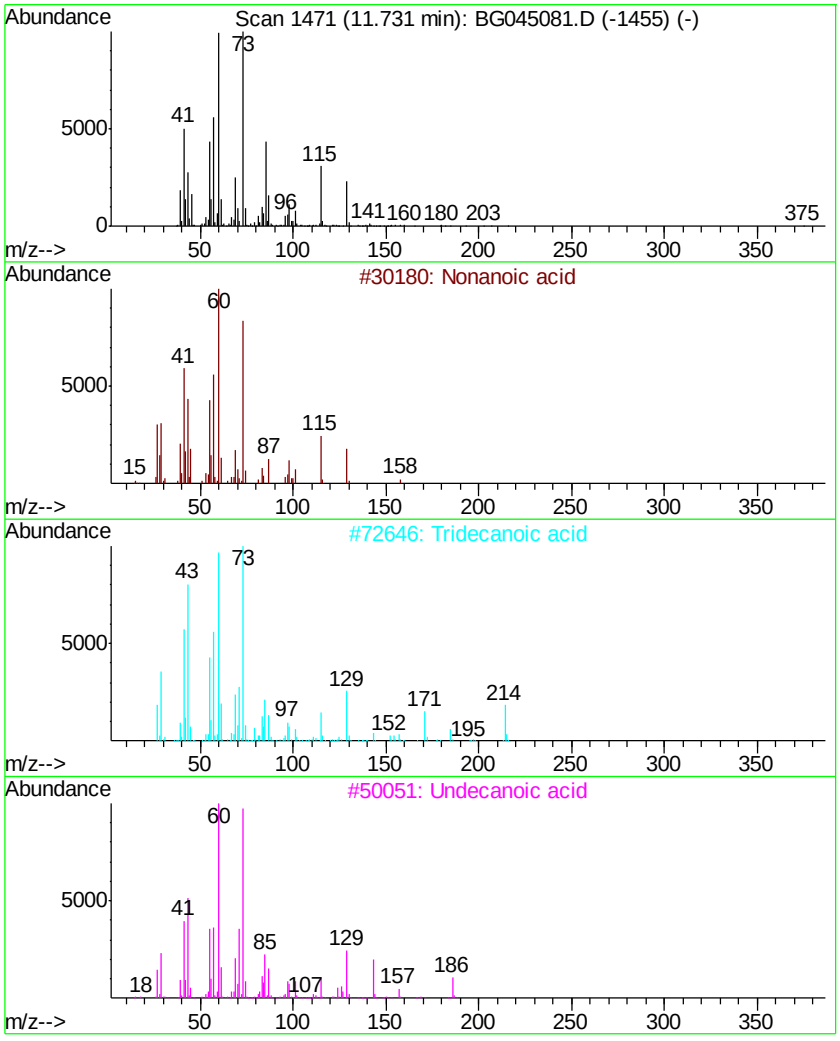
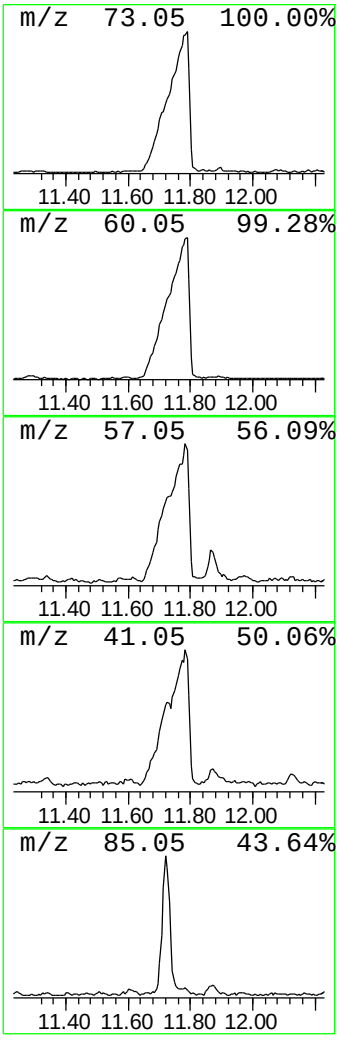
Peak Number 4 Nonanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	41.41 ng	2030040	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	64
2	Tridecanoic acid	214	C13H26O2	000638-53-9	45
3	Undecanoic acid	186	C11H22O2	000112-37-8	45
4	Hexanoic acid	116	C6H12O2	000142-62-1	43
5	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045081.D
Acq On : 19 Apr 2020 00:20
Operator : CG/JU
Sample : L2304-13
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-F2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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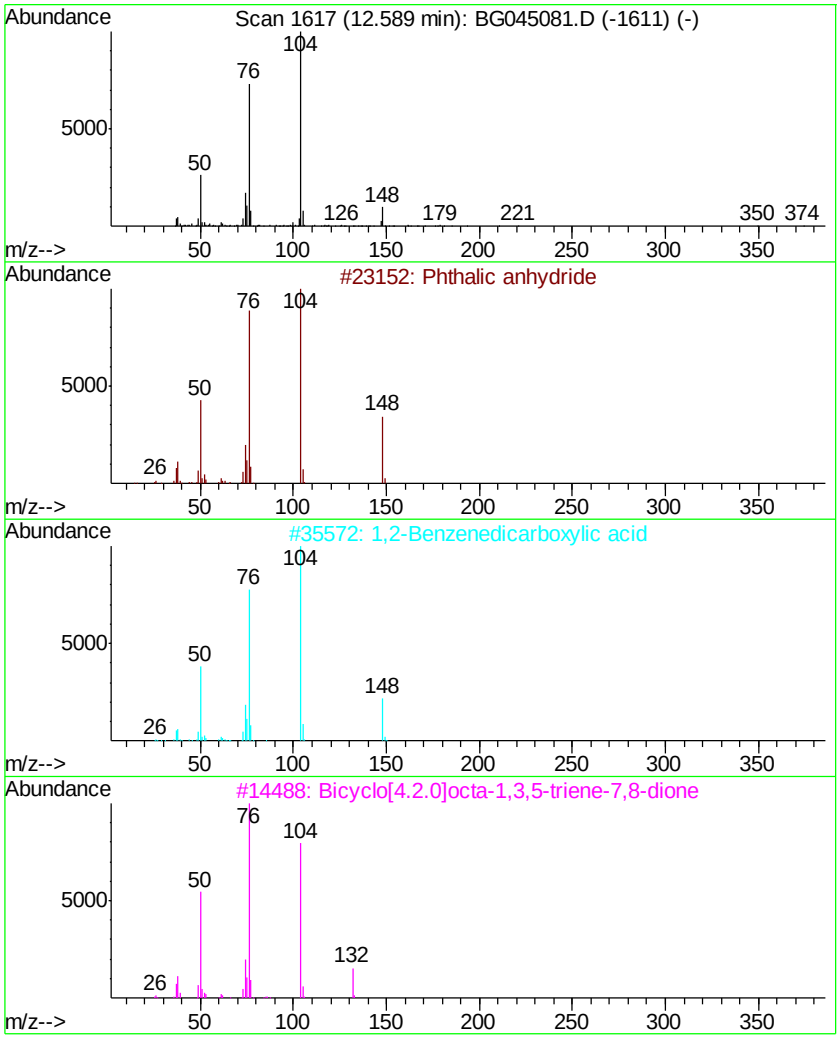
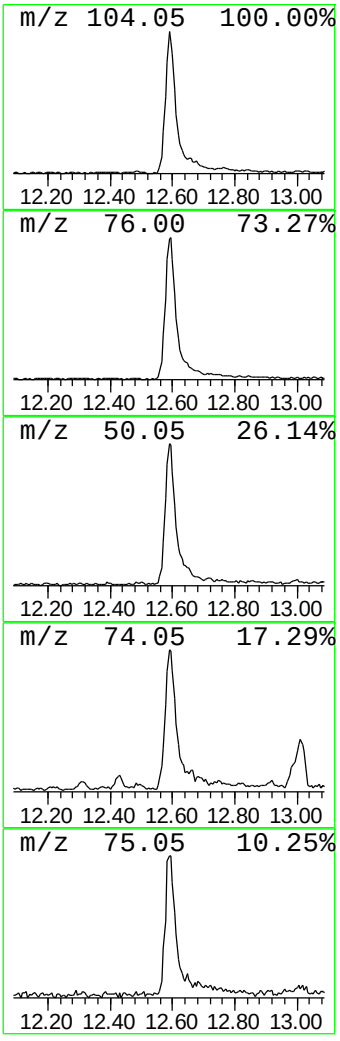
Peak Number 5 Phthalic anhydride Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	20.76 ng	1017590	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic anhydride	148	C8H4O3	000085-44-9	95
2	1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	90
3	Bicyclo[4.2.0]octa-1,3,5-triene-...	132	C8H4O2	006383-11-5	83
4	Phthalic acid, monoethyl ester	194	C10H10O4	002306-33-4	78
5	Phthalamic acid	165	C8H7NO3	000088-97-1	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045081.D
Acq On : 19 Apr 2020 00:20
Operator : CG/JU
Sample : L2304-13
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-F2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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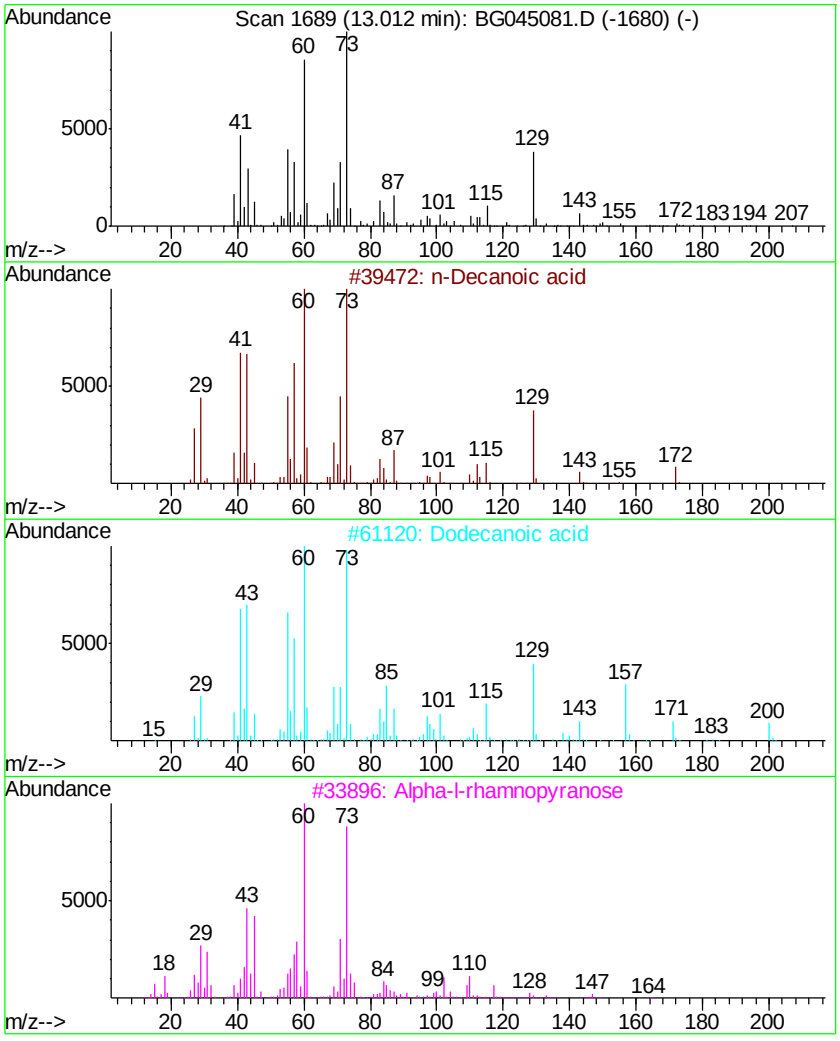
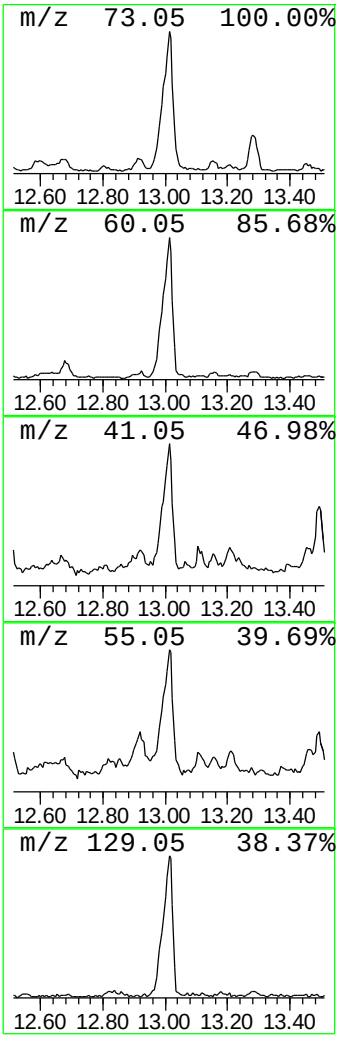
Peak Number 6 n-Decanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	28.08 ng	1432100	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	94
2	Dodecanoic acid	200	C12H24O2	000143-07-7	50
3	Alpha-l-rhamnopyranose	164	C6H12O5	035810-56-1	50
4	Hexanoic acid	116	C6H12O2	000142-62-1	49
5	Heptanoic acid	130	C7H14O2	000111-14-8	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045081.D
Acq On : 19 Apr 2020 00:20
Operator : CG/JU
Sample : L2304-13
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-F2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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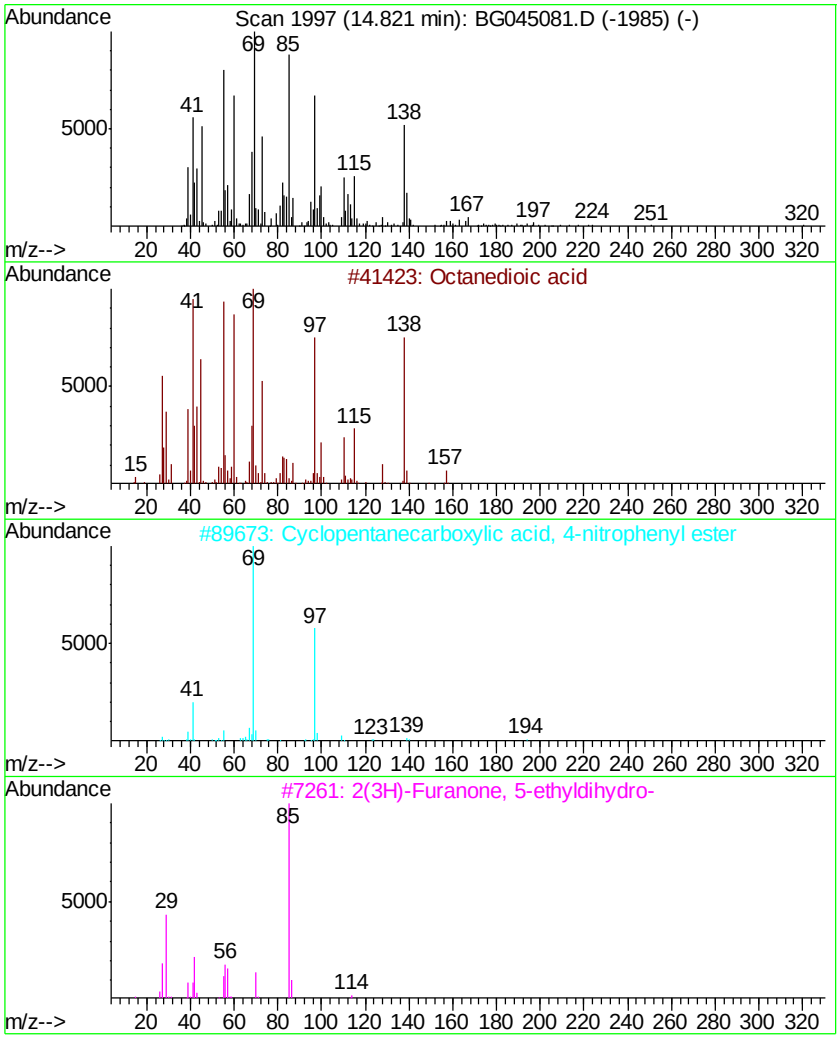
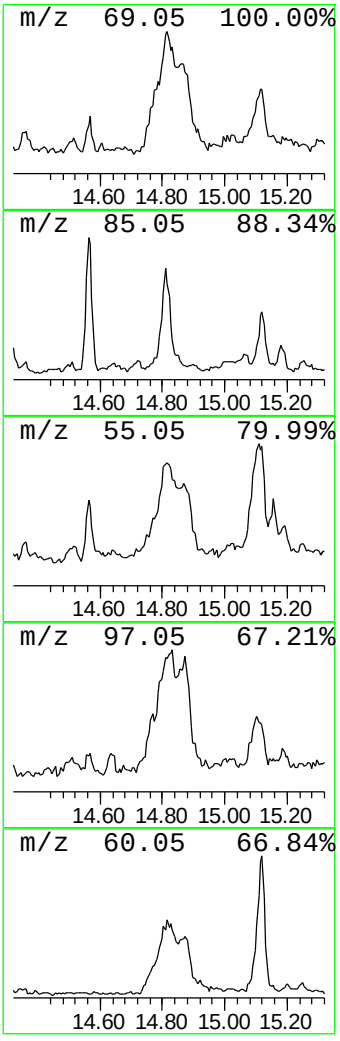
Peak Number 7 unknown14.82 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	24.08 ng	1228310	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanedioic acid	174	C8H14O4	000505-48-6	27
2	Cyclopentanecarboxylic acid, 4-n...	235	C12H13NO4	1000307-58-0	14
3	2(3H)-Furanone, 5-ethyldihydro-	114	C6H10O2	000695-06-7	11
4	2-Butenoic acid, methyl ester, (E)-	100	C5H8O2	000623-43-8	11
5	4-Ethyl-4-methyl-1-hexene	126	C9H18	090674-67-2	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045081.D
Acq On : 19 Apr 2020 00:20
Operator : CG/JU
Sample : L2304-13
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-F2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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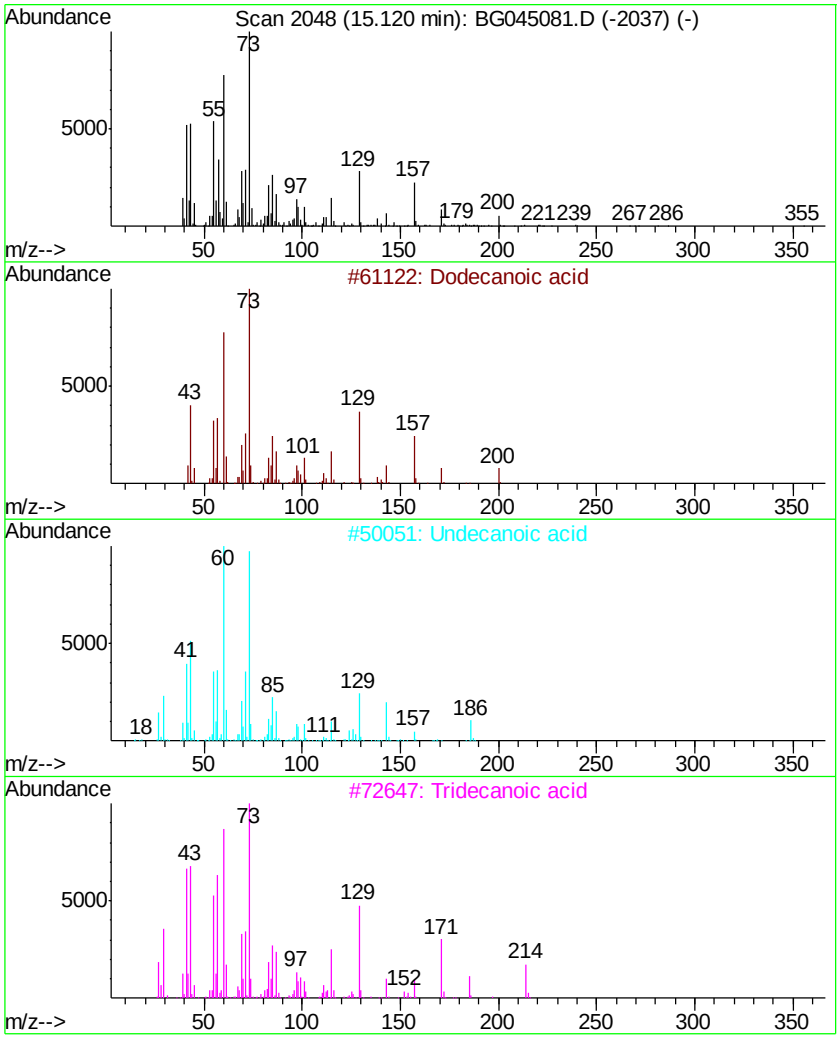
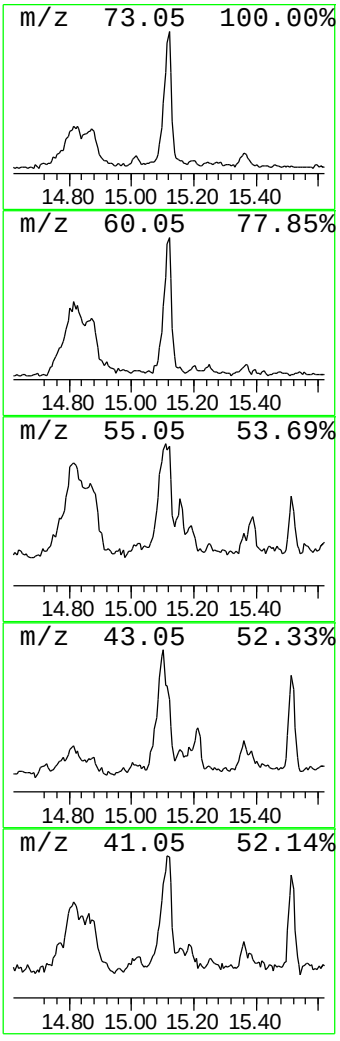
Peak Number 8 Dodecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	25.78 ng	1314880	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	98
2	Undecanoic acid	186	C11H22O2	000112-37-8	72
3	Tridecanoic acid	214	C13H26O2	000638-53-9	68
4	Nonanoic acid	158	C9H18O2	000112-05-0	46
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045081.D
Acq On : 19 Apr 2020 00:20
Operator : CG/JU
Sample : L2304-13
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-F2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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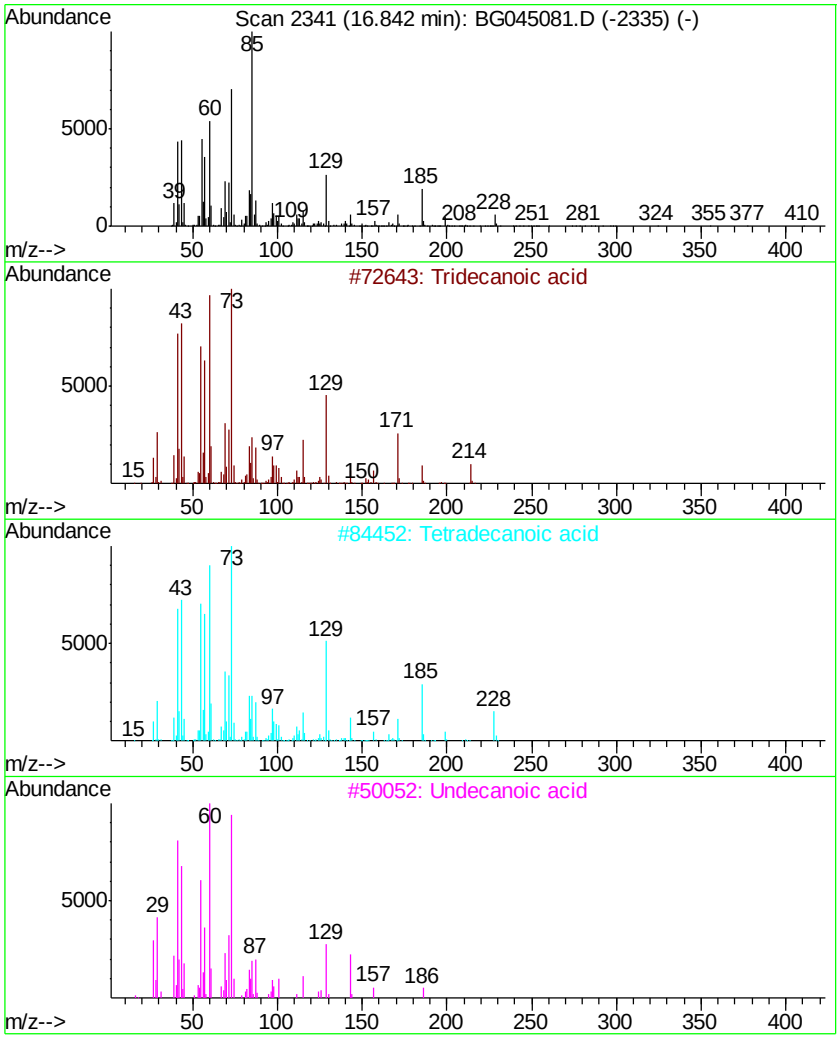
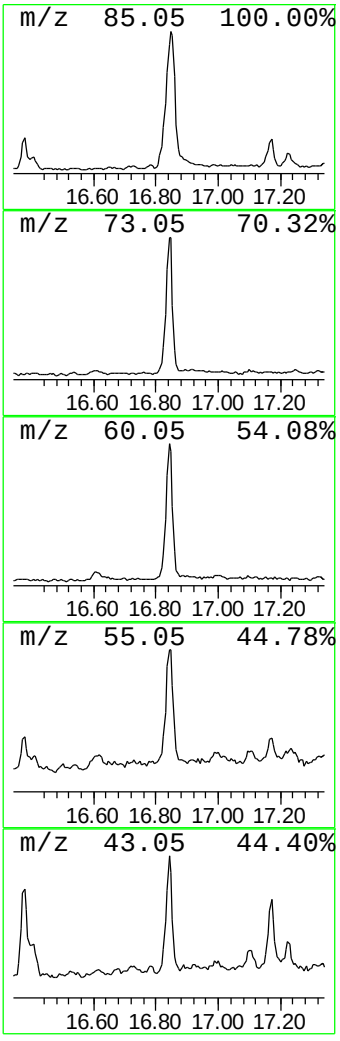
Peak Number 9 unknown16.84 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	39.28 ng	2041640	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	47
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	46
3	Undecanoic acid	186	C11H22O2	000112-37-8	38
4	1-Butanol, 4-[(tetrahydro-2H-pyr...	174	C9H18O3	051326-51-3	35
5	N,N'-Diacetylethylenediamine	144	C6H12N2O2	000871-78-3	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045081.D
Acq On : 19 Apr 2020 00:20
Operator : CG/JU
Sample : L2304-13
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-F2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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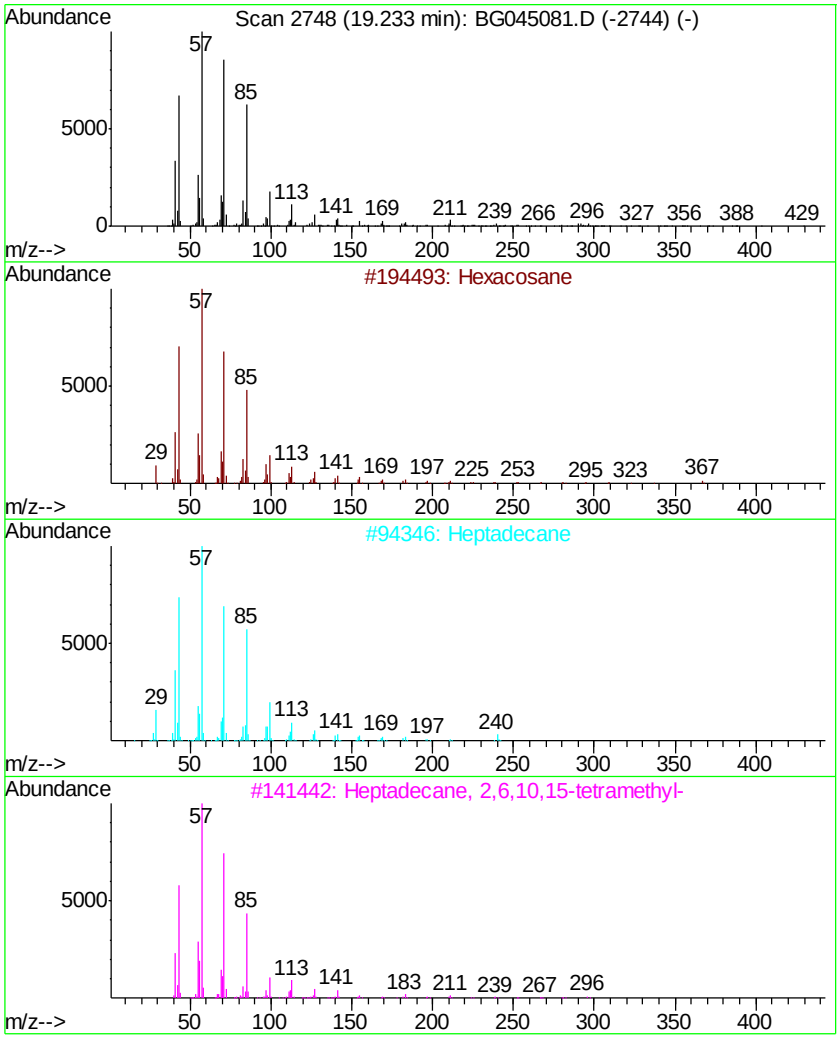
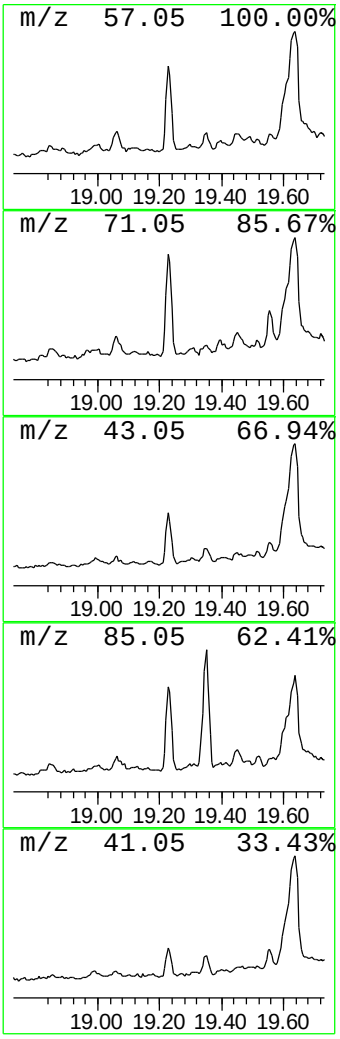
Peak Number 10 Hexacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	22.18 ng	1152880	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4	Nonadecane	268	C19H40	000629-92-5	90
5	Octacosane	394	C28H58	000630-02-4	83





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ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-F2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

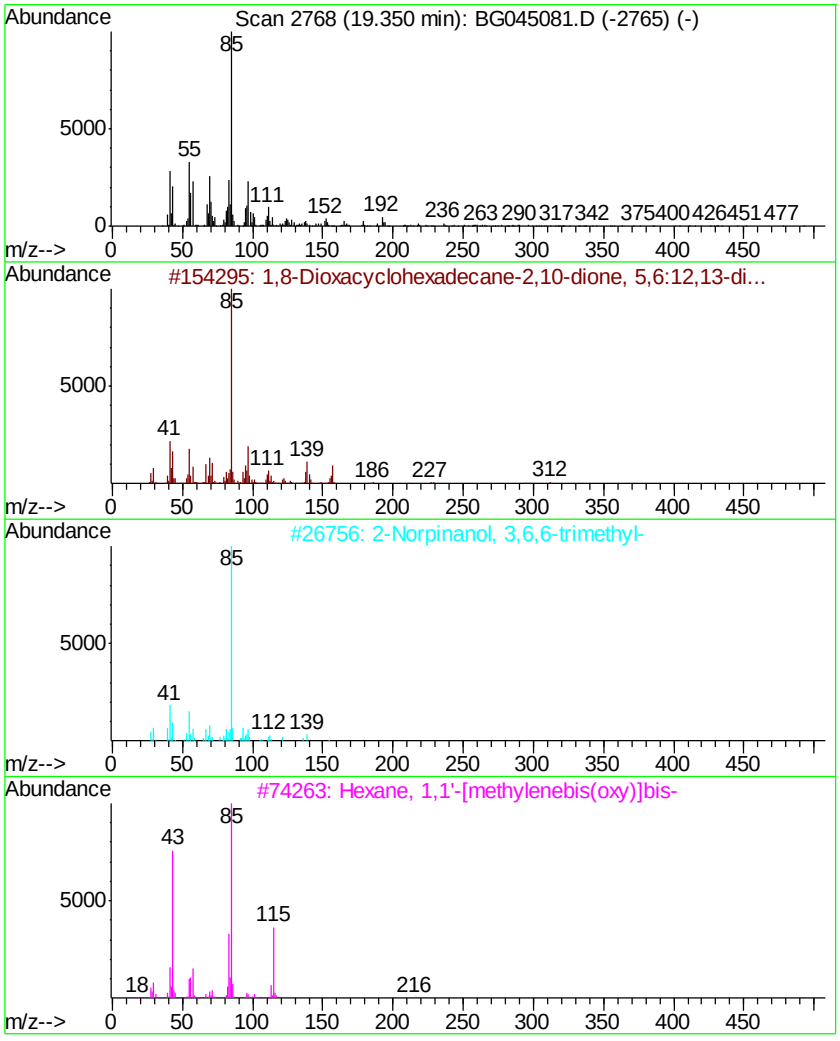
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

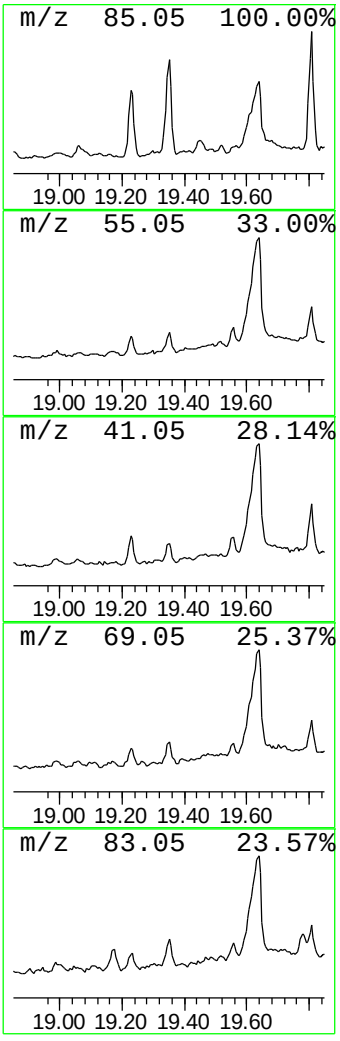
****

Peak Number 11 1,8-Dioxacyclohexadecane-2,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	16.89 ng	878088	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,8-Dioxacyclohexadecane-2,10-di...	312	C16H24O6	1000195-90-7	59
2	2-Norpinanol, 3,6,6-trimethyl-	154	C10H18O	029548-09-2	59
3	Hexane, 1,1'-[methylenebis(oxy)]...	216	C13H28O2	054815-12-2	53
4	Valeric acid, 2-tridecyl ester	284	C18H36O2	055193-13-0	50
5	1-Phospha-1-butyne, 3,3-dimethyl-	100	C5H9P	078129-68-7	47





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Operator : CG/JU
Sample : L2304-13
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Instrument : BNA_G
ClientSampleId : WC-F2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

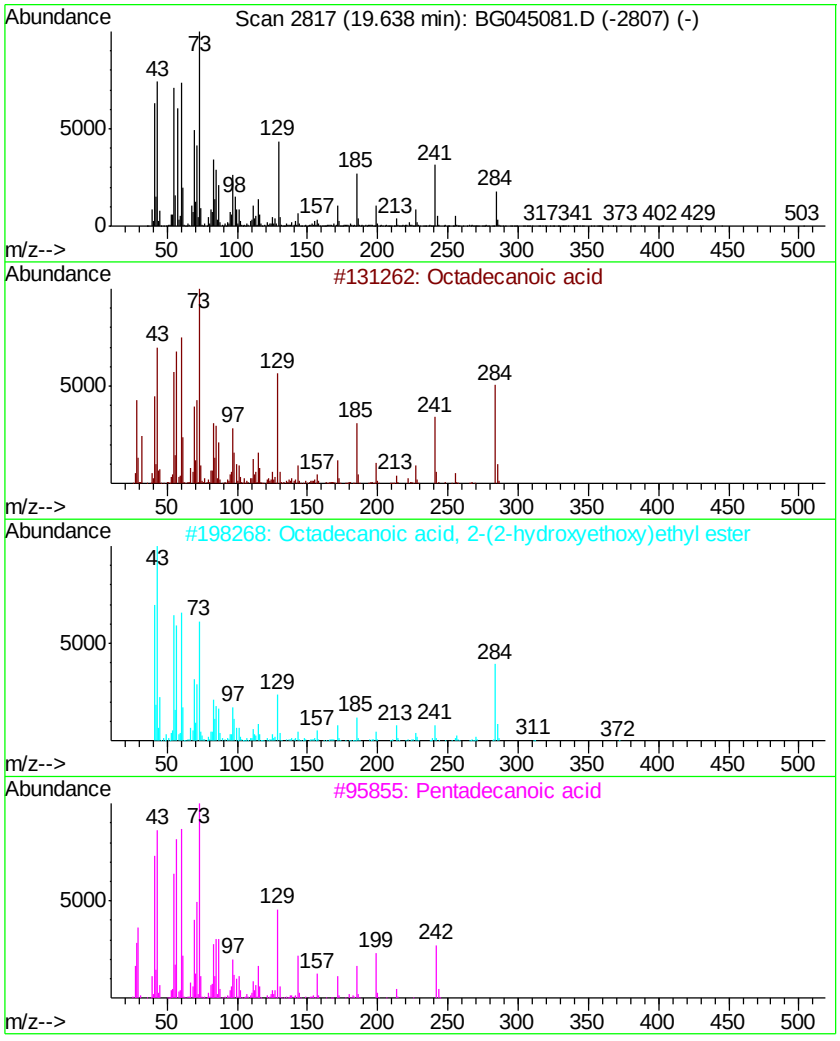
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

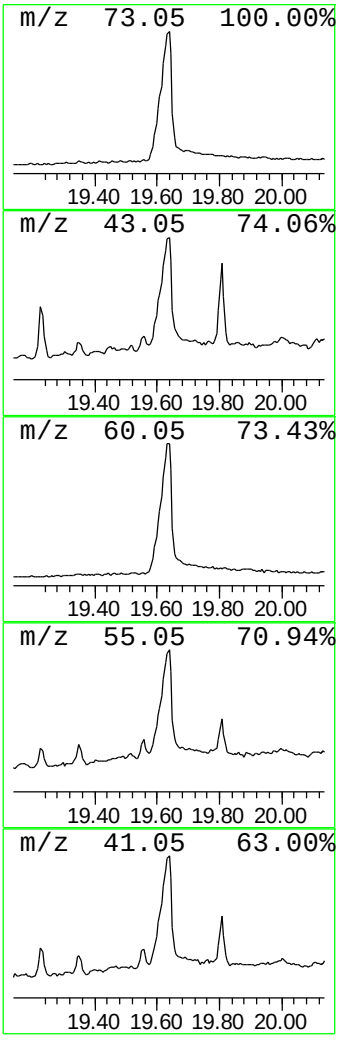
****

Peak Number 12 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	151.52 ng	10171400	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72





Library Search Compound Report

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Acq On : 19 Apr 2020 00:20
Operator : CG/JU
Sample : L2304-13
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-F2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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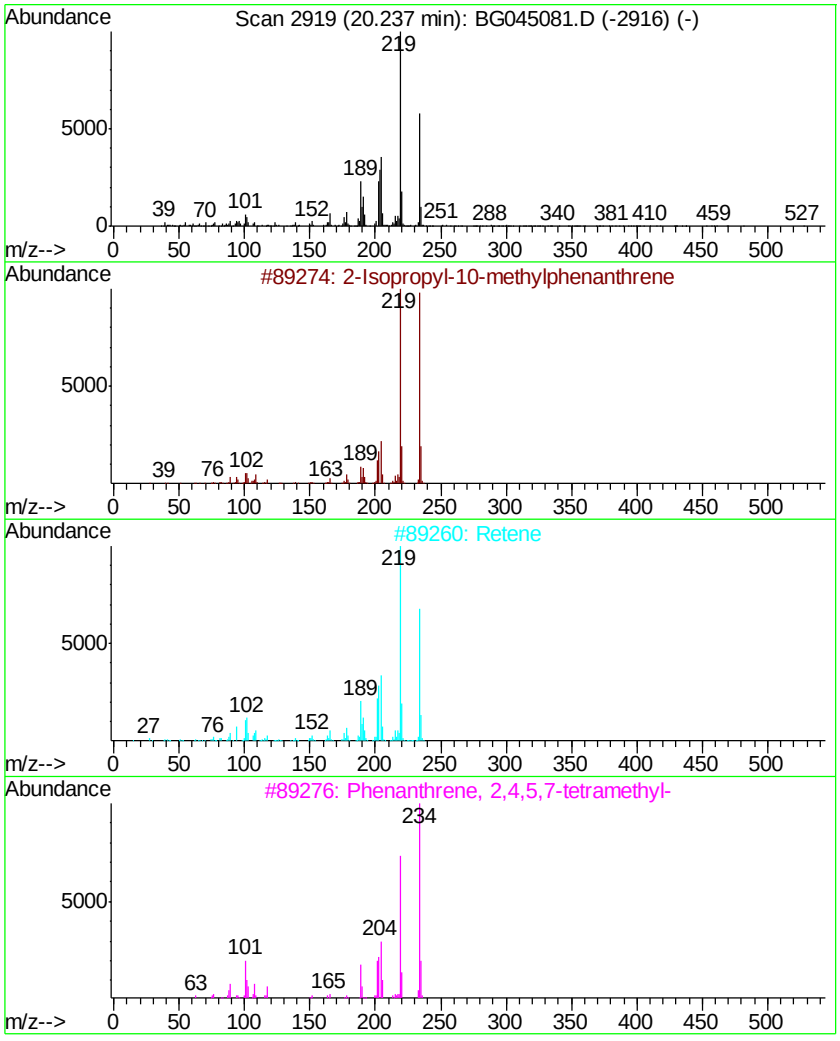
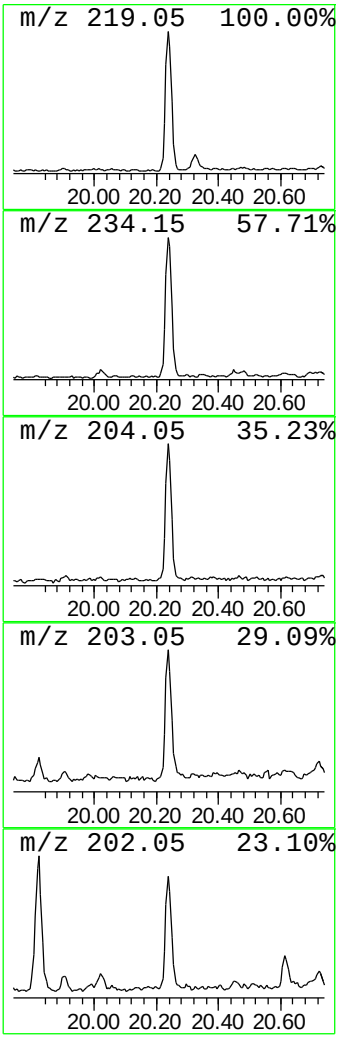
Peak Number 13 2-Isopropyl-10-methylphenan... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	14.78 ng	992501	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	97
2	Retene	234	C18H18	000483-65-8	95
3	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	68
4	Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	64
5	1-(10-Methylanthracen-9-yl)ethanone	234	C17H14O	036778-18-4	58





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Acq On : 19 Apr 2020 00:20
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Sample : L2304-13
Misc :
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Instrument : BNA_G
ClientSampleId : WC-F2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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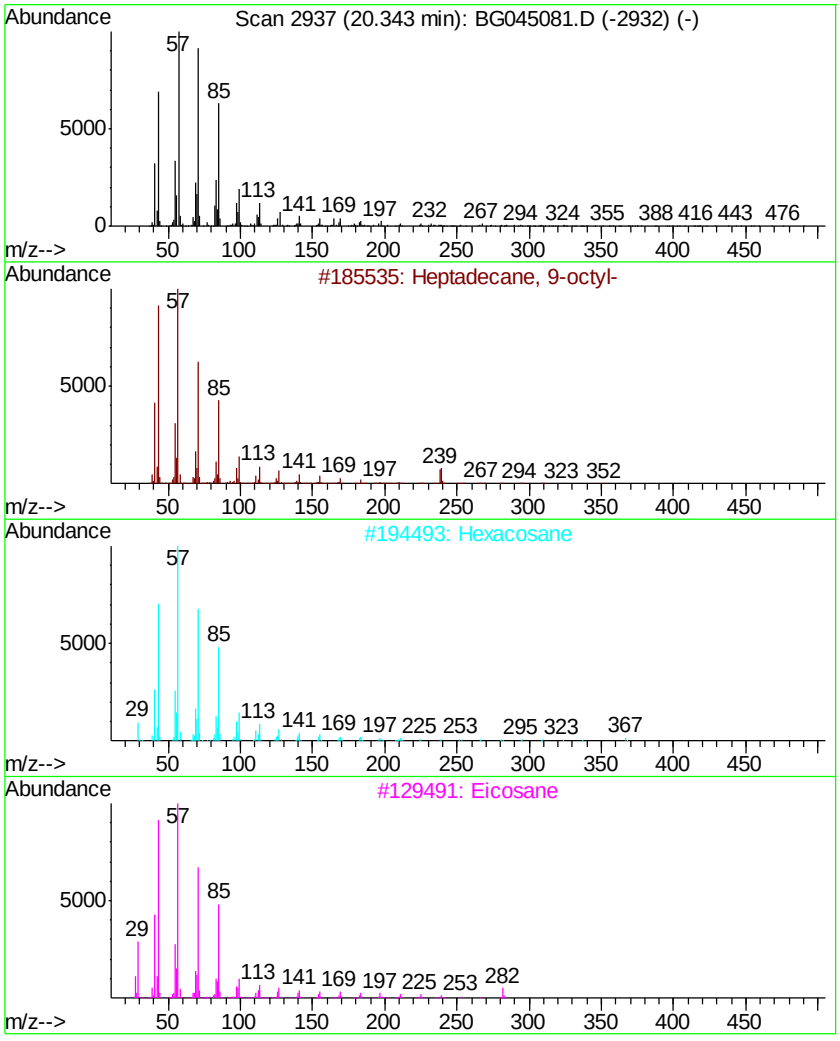
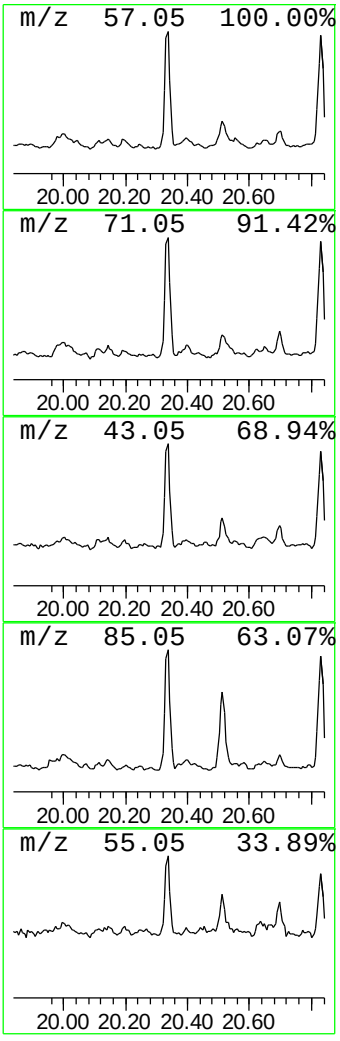
Peak Number 14 Heptadecane, 9-octyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	32.93 ng	2210880	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Eicosane	282	C20H42	000112-95-8	86
4	Hexadecane	226	C16H34	000544-76-3	83
5	Nonadecane	268	C19H40	000629-92-5	80





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Sample : L2304-13
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-F2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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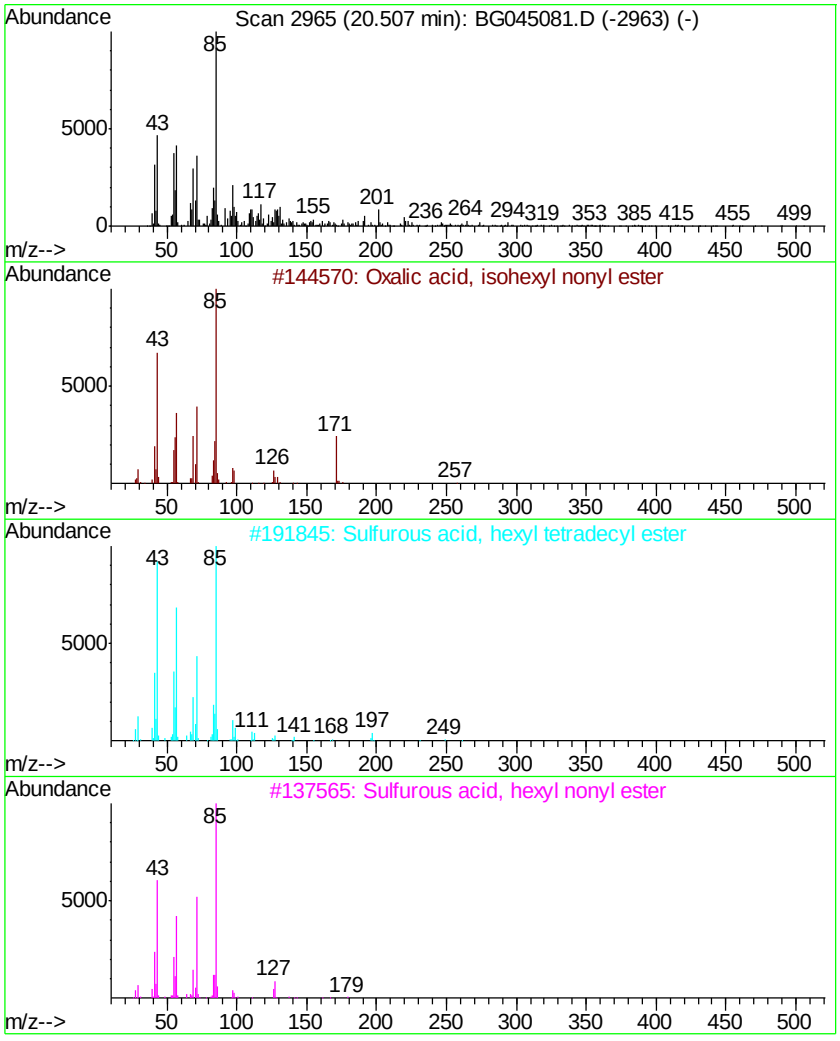
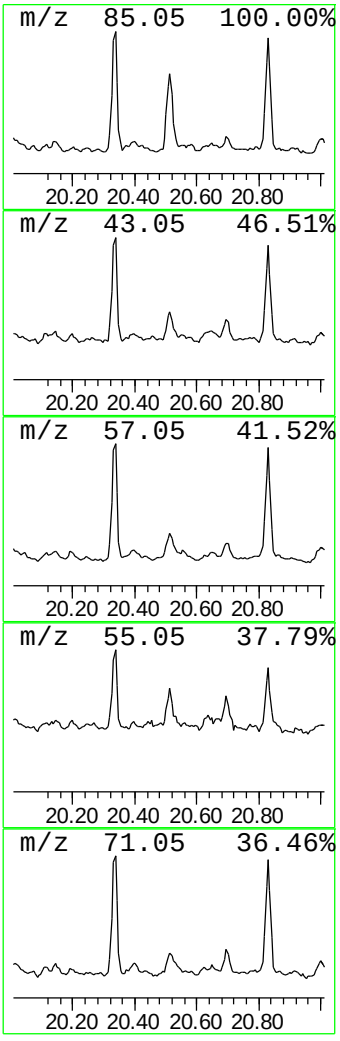
Peak Number 15 Oxalic acid, isohexyl nonyl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.51	15.69 ng	1053090	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isohexyl nonyl ester	300	C17H32O4	1000309-33-2	53
2	Sulfurous acid, hexyl tetradecyl...	362	C20H42O3S	1000309-13-6	53
3	Sulfurous acid, hexyl nonyl ester	292	C15H32O3S	1000309-13-1	50
4	Sulfurous acid, hexyl tridecyl e...	348	C19H40O3S	1000309-13-5	50
5	Sulfurous acid, hexyl undecyl ester	320	C17H36O3S	1000309-13-3	50





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Operator : CG/JU
Sample : L2304-13
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-F2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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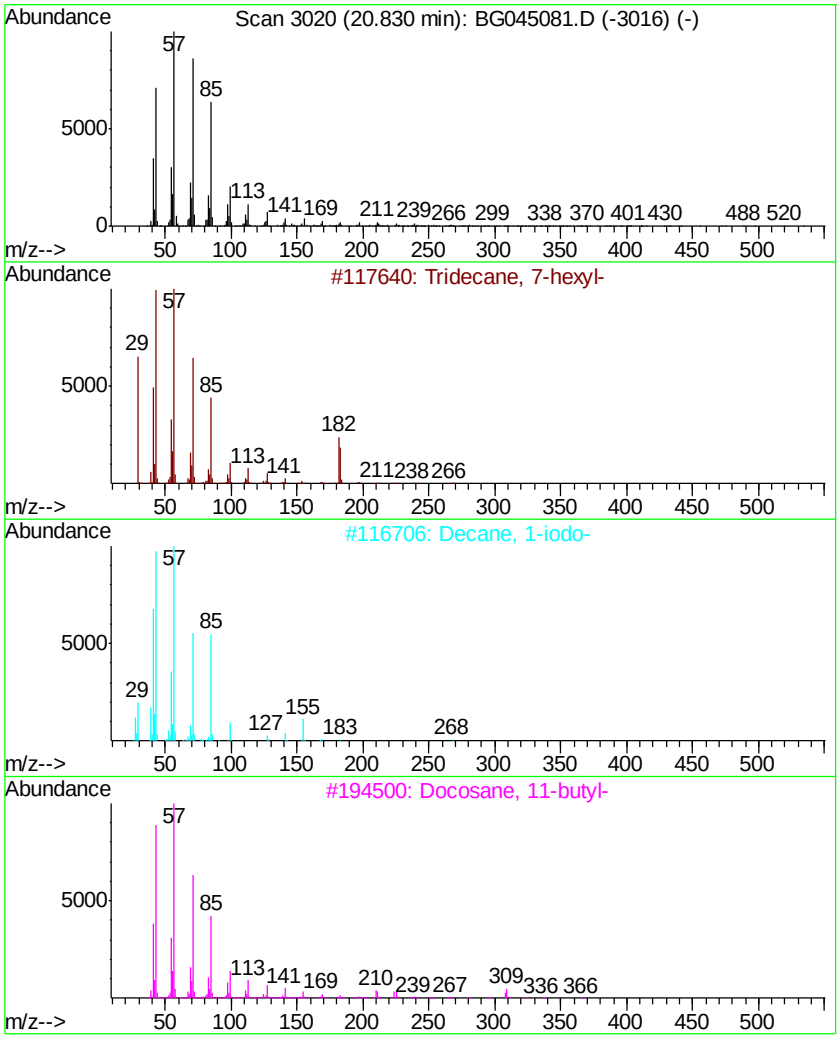
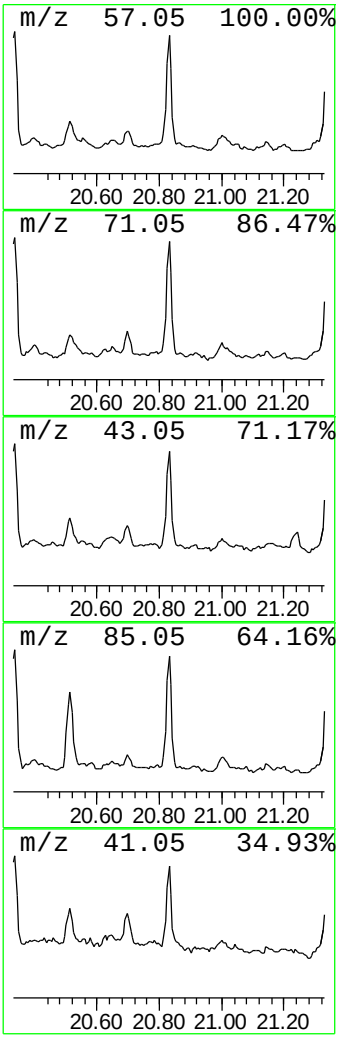
Peak Number 16 Tridecane, 7-hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	31.91 ng	2142340	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	96
2	Decane, 1-iodo-	268	C10H21I	002050-77-3	94
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetracosane	338	C24H50	000646-31-1	90





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Sample : L2304-13
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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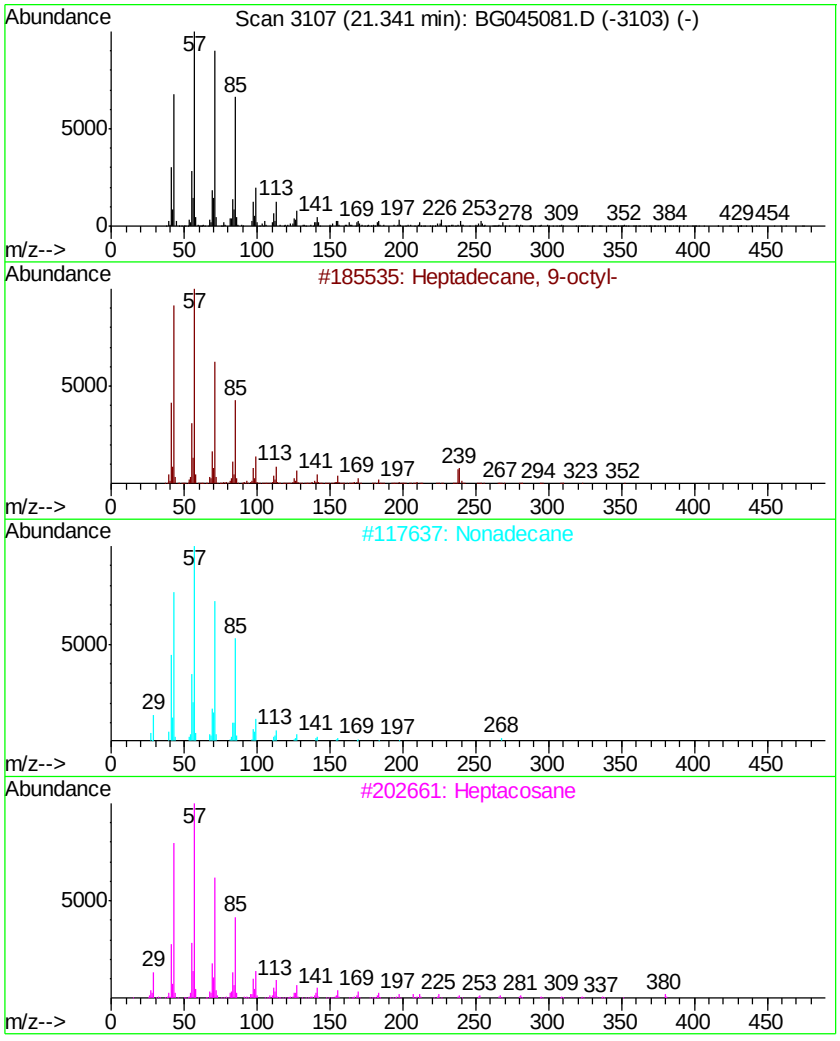
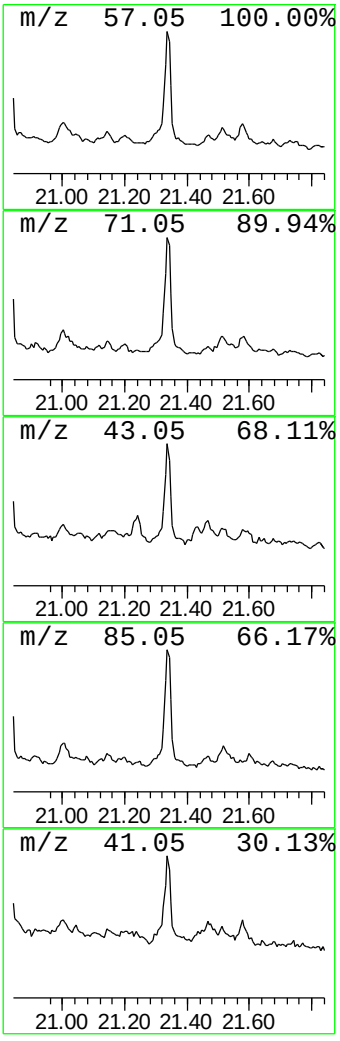
Peak Number 17 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	25.20 ng	1691670	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	Nonadecane	268	C19H40	000629-92-5	93
3	Heptacosane	380	C27H56	000593-49-7	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87





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Misc :
ALS Vial : 52 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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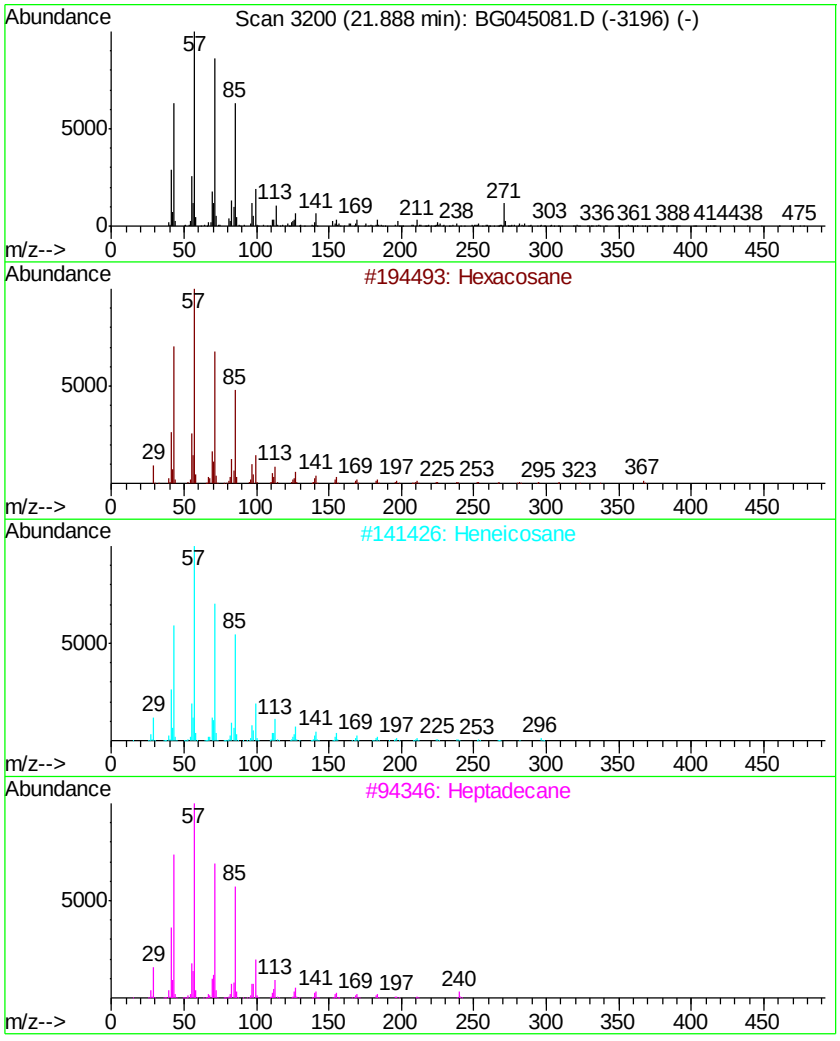
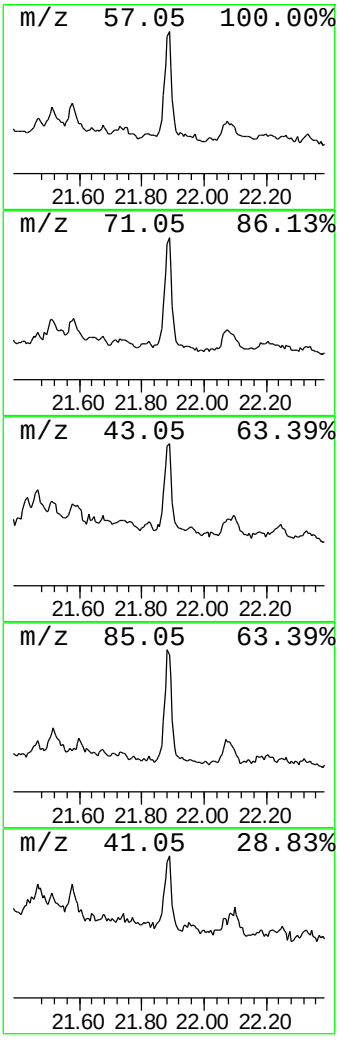
Peak Number 18 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	20.00 ng	1342590	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptadecane	240	C17H36	000629-78-7	87
4	10-Methylnonadecane	282	C20H42	056862-62-5	86
5	Tetracosane	338	C24H50	000646-31-1	86





Library Search Compound Report

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Sample : L2304-13
Misc :
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ClientSampleId : WC-F2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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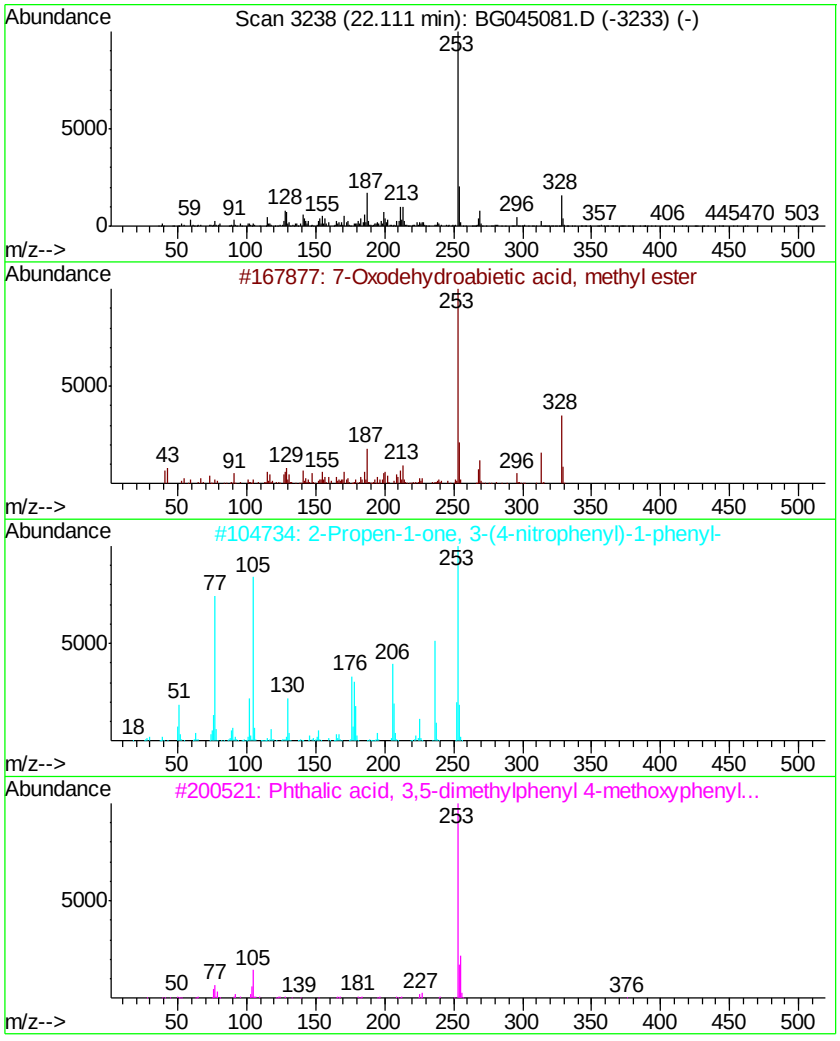
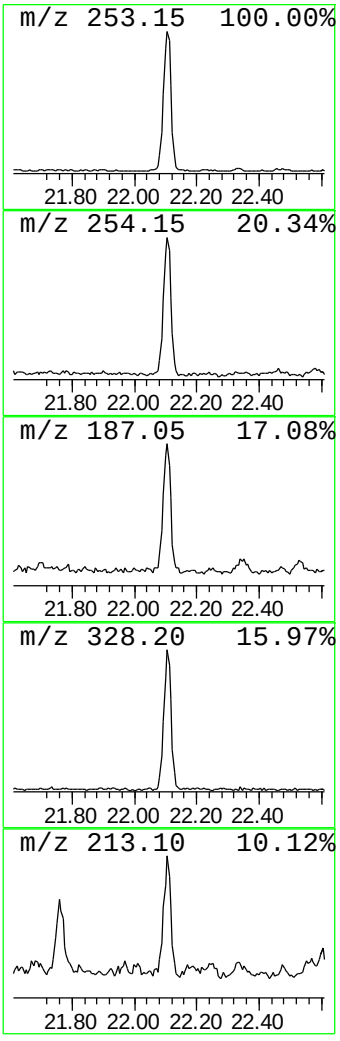
Peak Number 19 7-Oxodehydroabietic acid, m... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.11	29.60 ng	1987240	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxodehydroabietic acid, methyl...	328	C21H28O3	110936-78-2	94
2	2-Propen-1-one, 3-(4-nitrophenyl...	253	C15H11NO3	001222-98-6	55
3	Phthalic acid, 3,5-dimethylpheny...	376	C23H20O5	1000315-68-2	43
4	Isophthalic acid, di(3,4-dimethy...	374	C24H22O4	1000344-45-0	43
5	Silane, diphenylbutoxy(2-methoxy...	330	C19H26O3Si	1000367-72-3	40





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Misc :
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ClientSampleId : WC-F2

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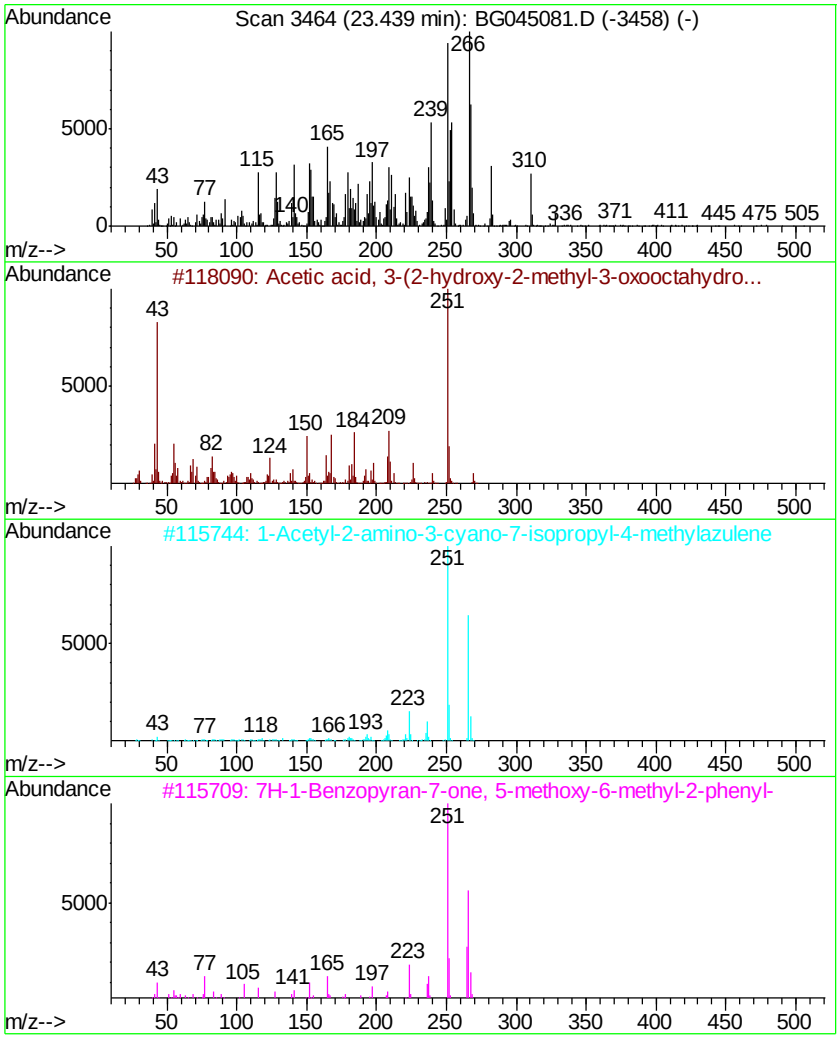
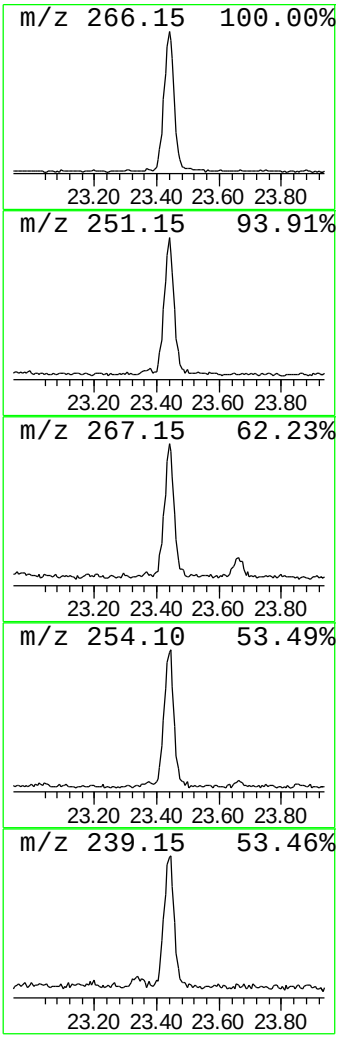
Peak Number 20 unknown23.44 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.44	20.00 ng	3228800	Perylene-d12	24.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-(2-hydroxy-2-meth...	269	C14H23NO4	1000191-93-9	46
2	1-Acetyl-2-amino-3-cyano-7-isopr...	266	C17H18N2O	1000241-32-4	46
3	7H-1-Benzopyran-7-one, 5-methoxy...	266	C17H14O3	000643-56-1	43
4	2-[2-(4-Methoxyphenyl)ethenyl]be...	267	C16H13NOS	059198-05-9	42
5	2,3-Dihydro-7-methyl-5-phenyl-1H...	266	C16H14N2S	002888-60-0	38





Tentatively Identified Compound (LSC) summary

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Data File : BG045081.D
Acq On : 19 Apr 2020 00:20
Operator : CG/JU
Sample : L2304-13
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-F2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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
Heptanoic acid	8.78	85.3	ng	2216190	1	8.02	519701	20.0
Octanoic acid	10.37	120.4	ng	5902460	2	10.83	980405	20.0
Nonanoic acid	11.73	41.4	ng	2030040	2	10.83	980405	20.0
Phthalic anhydride	12.59	20.8	ng	1017590	2	10.83	980405	20.0
n-Decanoic acid	13.01	28.1	ng	1432100	3	14.66	1020120	20.0
unknown14.82	14.82	24.1	ng	1228310	3	14.66	1020120	20.0
Dodecanoic acid	15.12	25.8	ng	1314880	3	14.66	1020120	20.0
unknown16.84	16.84	39.3	ng	2041640	4	17.41	1039570	20.0
Hexacosane	19.23	22.2	ng	1152880	4	17.41	1039570	20.0
1,8-Dioxacyclohex...	19.35	16.9	ng	878088	4	17.41	1039570	20.0
Octadecanoic acid	19.64	151.5	ng	10171400	5	21.68	1342590	20.0
2-Isopropyl-10-me...	20.24	14.8	ng	992501	5	21.68	1342590	20.0
Heptadecane, 9-oc...	20.34	32.9	ng	2210880	5	21.68	1342590	20.0
Oxalic acid, isoh...	20.51	15.7	ng	1053090	5	21.68	1342590	20.0
Tridecane, 7-hexyl-	20.83	31.9	ng	2142340	5	21.68	1342590	20.0
Nonadecane	21.34	25.2	ng	1691670	5	21.68	1342590	20.0
Heneicosane	21.89	20.0	ng	1342590	5	21.68	1342590	20.0
7-Oxodehydroabiet...	22.11	29.6	ng	1987240	5	21.68	1342590	20.0
unknown23.44	23.44	20.0	ng	3228800	6	24.88	3228800	20.0