LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032020\
Data File : BG044924.D
Acq On : 20 Mar 2020 17:54
Operator : CG/JU
Sample : L1981-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-1-COMP-3-19-2020

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-BG031020.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	3.152	5	11	19	rBV2	140293	354224	8.01%	1.094%
2	3.228	20	24	32	rVV	118852	209752	4.74%	0.648%
3	5.361	379	387	394	rVB2	49262	92453	2.09%	0.286%
4	5.614	421	430	439	rBV	429798	716562	16.20%	2.214%
5	7.200	691	700	708	rBV	259489	497092	11.24%	1.536%
6	7.629	766	773	780	rBV	43420	81252	1.84%	0.251%
7	8.046	836	844	851	rBV	292521	526372	11.90%	1.626%
8	8.105	851	854	862	rVB2	31051	53252	1.20%	0.164%
9	8.369	891	899	906	rBV	1142066	2020099	45.68%	6.240%
10	9.198	1029	1040	1051	rBV	916522	1709112	38.65%	5.280%
11	9.662	1113	1119	1126	rBV5	26819	55799	1.26%	0.172%
12	10.379	1236	1241	1248	rVB7	19665	45224	1.02%	0.140%
13	10.849	1313	1321	1329	rBV	381208	703189	15.90%	2.172%
14	12.159	1540	1544	1551	rBV7	20103	50799	1.15%	0.157%
15	13.299	1730	1738	1746	rVB	2327175	3672784	83.05%	11.345%
16	13.575	1780	1785	1793	rVB	180277	297104	6.72%	0.918%
17	14.121	1872	1878	1884	rBV	368722	536231	12.13%	1.656%
18	14.474	1933	1938	1946	rBV2	47707	82836	1.87%	0.256%
19	14.597	1954	1959	1963	rVB7	27624	46859	1.06%	0.145%
20	14.674	1964	1972	1977	rBV	588866	983487	22.24%	3.038%
21	14.738	1977	1983	1990	rVB3	80228	195017	4.41%	0.602%
22	15.091	2036	2043	2048	rVB5	22648	54157	1.22%	0.167%
23	15.414	2093	2098	2104	rBV	150973	226688	5.13%	0.700%
24	15.884	2174	2178	2182	rBV	72444	93563	2.12%	0.289%
25	16.160	2218	2225	2233	rBV2	1429845	2306510	52.16%	7.125%
26	16.331	2250	2254	2261	rVB2	59051	106928	2.42%	0.330%
27	16.677	2307	2313	2317	rBV	116629	170021	3.84%	0.525%
28	17.177	2393	2398	2403	rBV	817527	1128874	25.53%	3.487%
29	17.282	2411	2416	2426	rBV	261611	356018	8.05%	1.100%
30	17.377	2428	2432	2434	rBV4	33881	50432	1.14%	0.156%
31	17.418	2434	2439	2445	rVB	707538	1104054	24.97%	3.410%
32	17.518	2452	2456	2461	rBV7	24192	46006	1.04%	0.142%
33	18.322	2588	2593	2601	rBV	473469	722198	16.33%	2.231%
34	18.528	2625	2628	2633	rBV	37820	58846	1.33%	0.182%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032020\
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Acq On : 20 Mar 2020 17:54
Operator : CG/JU
Sample : L1981-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-1-COMP-3-19-2020

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-BG031020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.251	2747	2751	2756	rVB2	38218	54088	1.22%	0.167%
36	19.445	2780	2784	2786	rBV5	49911	74856	1.69%	0.231%
37	19.586	2804	2808	2817	rBV2	219130	336555	7.61%	1.040%
38	19.844	2845	2852	2859	rVB2	99872	212319	4.80%	0.656%
39	20.032	2878	2884	2891	rBV	3348293	4422289	100.00%	13.661%
40	20.349	2936	2938	2943	rVB4	53210	55092	1.25%	0.170%
41	20.820	3014	3018	3020	rBV2	121849	146566	3.31%	0.453%
42	21.025	3050	3053	3057	rVB4	44642	55664	1.26%	0.172%
43	21.348	3103	3108	3118	rBV	505449	812514	18.37%	2.510%
44	21.689	3159	3166	3174	rVB2	728265	1333295	30.15%	4.119%
45	21.907	3198	3203	3209	rVB2	187192	287985	6.51%	0.890%
46	22.518	3302	3307	3317	rVB	259838	467669	10.58%	1.445%
47	23.217	3420	3426	3434	rVB	312418	591132	13.37%	1.826%
48	23.411	3454	3459	3465	rVB	57120	111596	2.52%	0.345%
49	23.581	3483	3488	3498	rVB4	75754	169416	3.83%	0.523%
50	24.028	3557	3564	3575	rVB2	302325	679317	15.36%	2.098%
51	24.891	3700	3711	3720	rBV	454220	1356670	30.68%	4.191%
52	24.985	3720	3727	3737	rVB2	262055	687540	15.55%	2.124%
53	26.125	3912	3921	3932	rVB3	187832	548667	12.41%	1.695%
54	26.237	3932	3940	3949	rBV6	52160	171924	3.89%	0.531%
55	27.482	4142	4152	4162	rBV4	90806	337513	7.63%	1.043%
56	29.133	4424	4433	4442	rVB10	30730	105751	2.39%	0.327%

Sum of corrected areas: 32372212

LSC Report - Integrated Chromatogram

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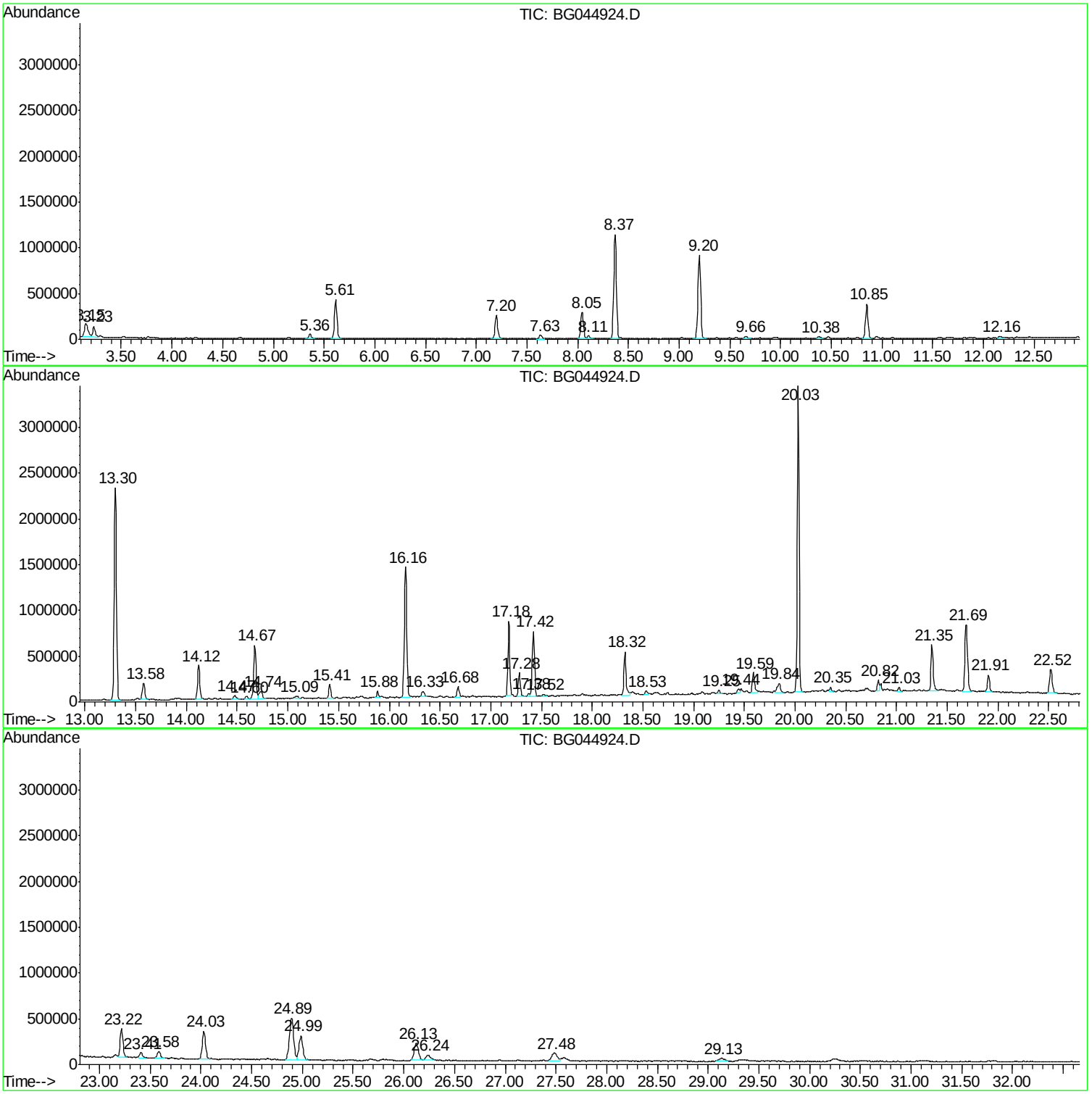
Data File : BG044924.D
Acq On : 20 Mar 2020 17:54
Operator : CG/JU
Sample : L1981-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-1-COMP-3-19-2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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\BG032020\
Data File : BG044924.D
Acq On : 20 Mar 2020 17:54
Operator : CG/JU
Sample : L1981-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-1-COMP-3-19-2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

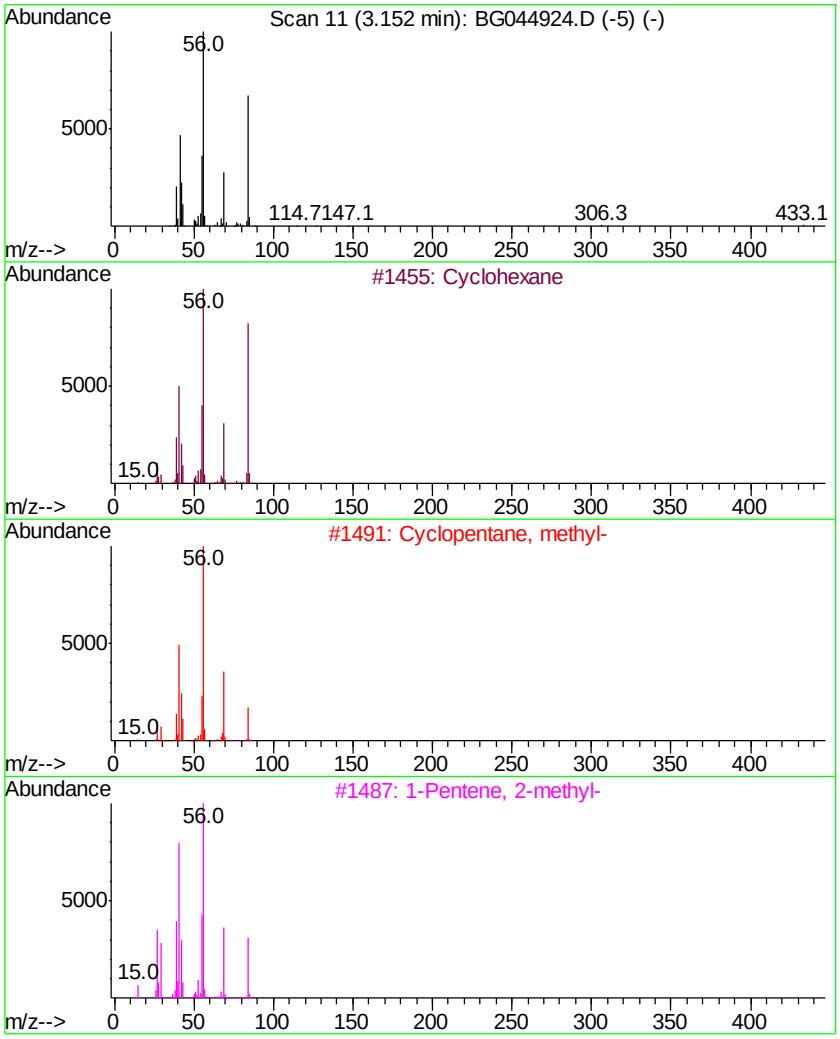
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

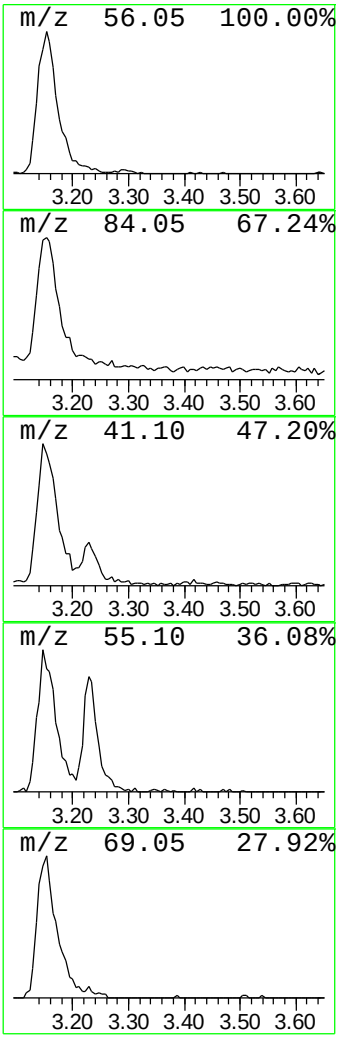
****

Peak Number 1 Cyclohexane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	13.46 ng	354224	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	53
5	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	45





Library Search Compound Report

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Data File : BG044924.D
Acq On : 20 Mar 2020 17:54
Operator : CG/JU
Sample : L1981-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-1-COMP-3-19-2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

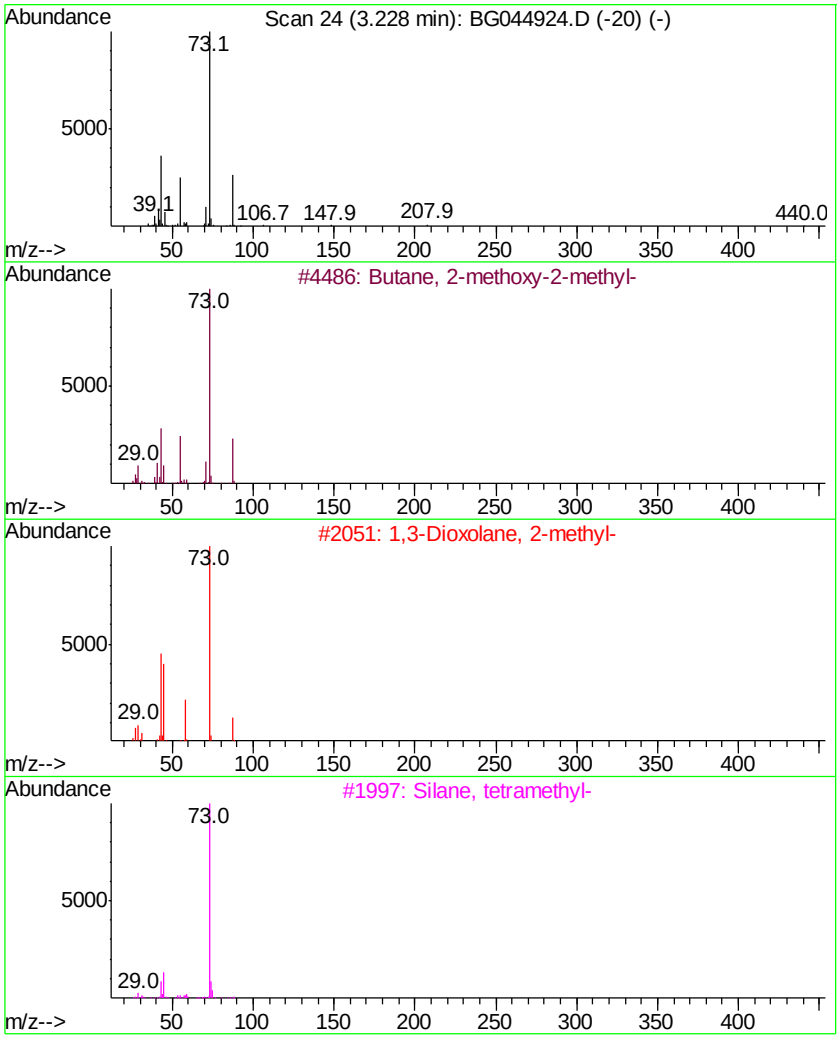
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

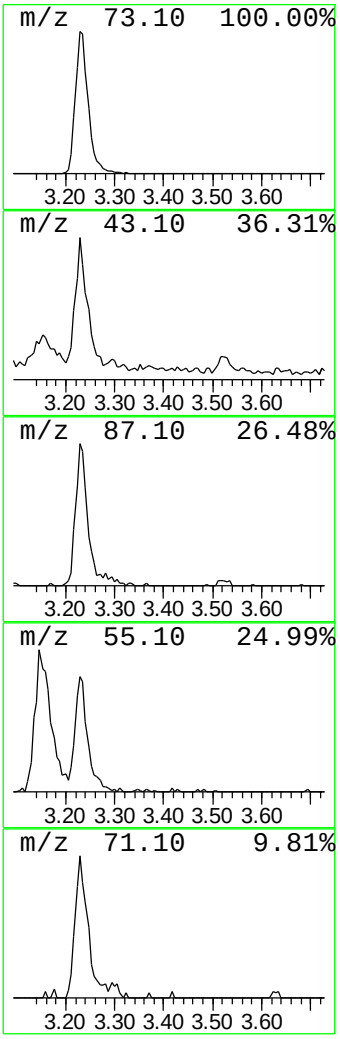
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	7.97 ng	209752	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032020\
Data File : BG044924.D
Acq On : 20 Mar 2020 17:54
Operator : CG/JU
Sample : L1981-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-1-COMP-3-19-2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

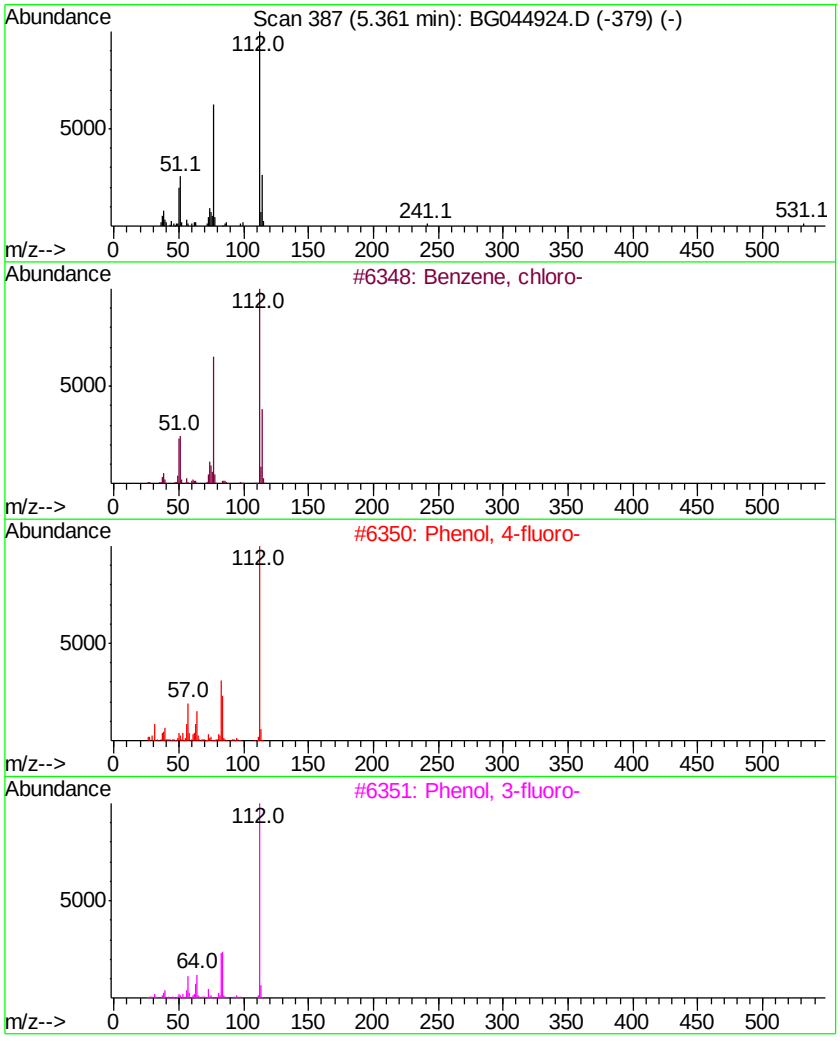
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

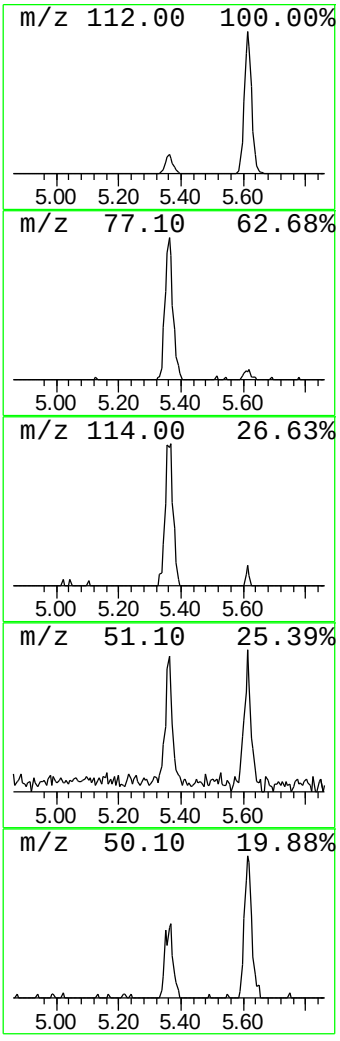
****

Peak Number 3 Benzene, chloro- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.36	3.51 ng	92453	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
2	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	27
3	Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	27
4	3-Nitropyrrole	112	C4H4N2O2	005930-94-9	16
5	2-Cyclopenten-1-one, 2-hydroxy-3...	112	C6H8O2	000080-71-7	16





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032020\
Data File : BG044924.D
Acq On : 20 Mar 2020 17:54
Operator : CG/JU
Sample : L1981-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-1-COMP-3-19-2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

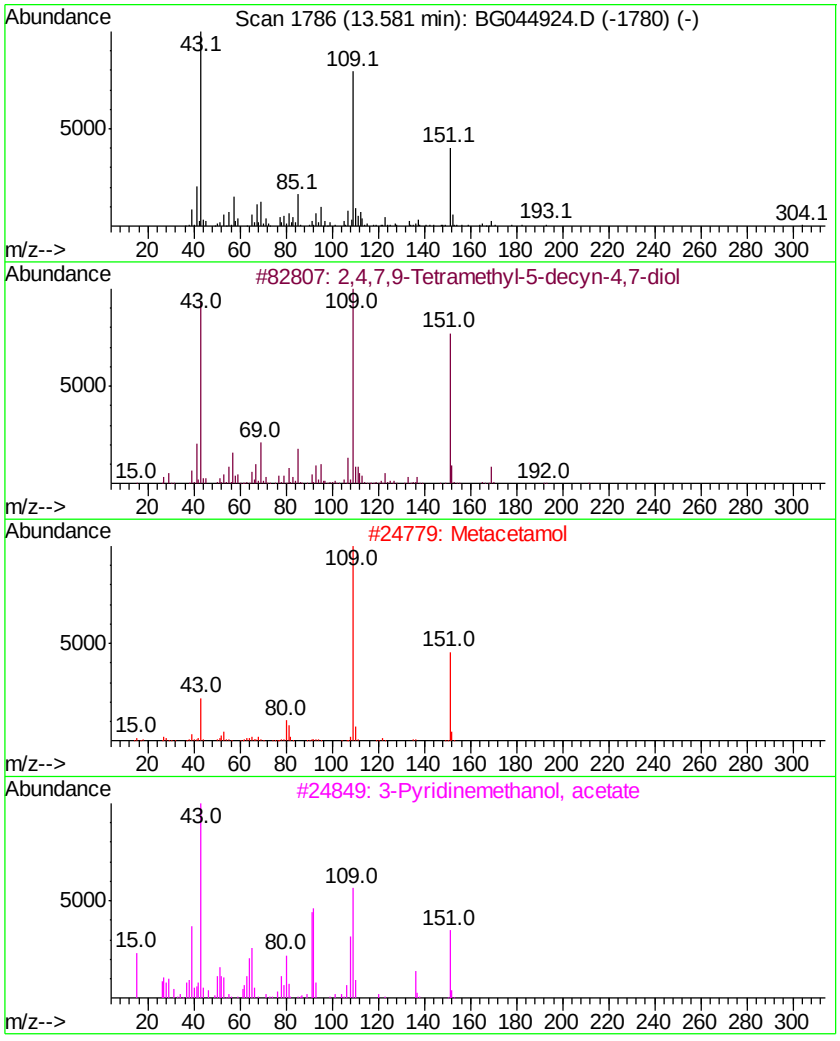
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

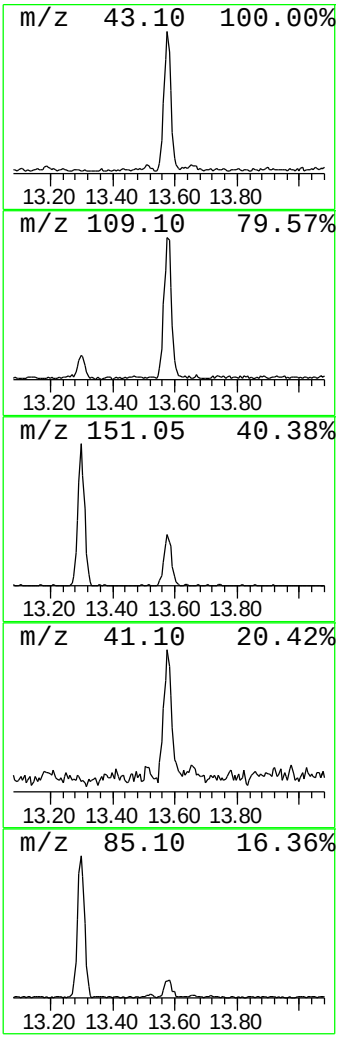
****

Peak Number 5 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	6.04 ng	297104	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90
2	Metacetamol	151	C8H9NO2	000621-42-1	50
3	3-Pyridinemethanol, acetate	151	C8H9NO2	010072-09-0	50
4	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	40
5	Diacetamate	193	C10H11NO3	002623-33-8	40





Library Search Compound Report

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-1-COMP-3-19-2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

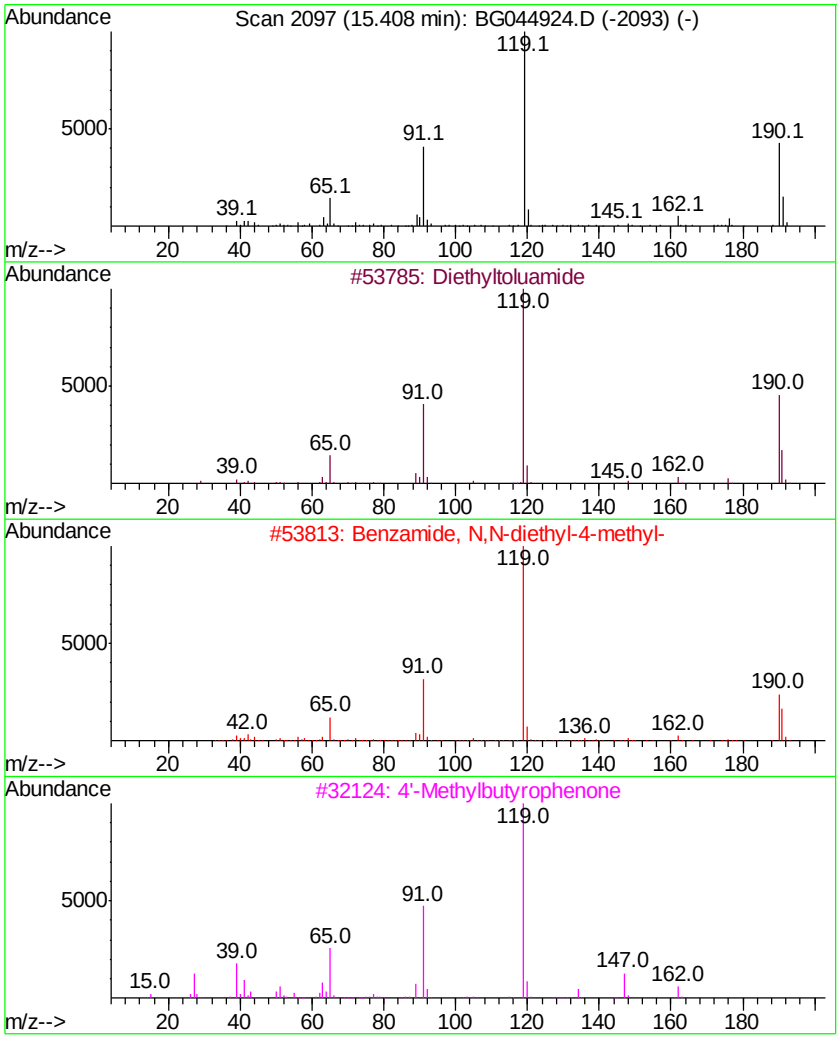
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

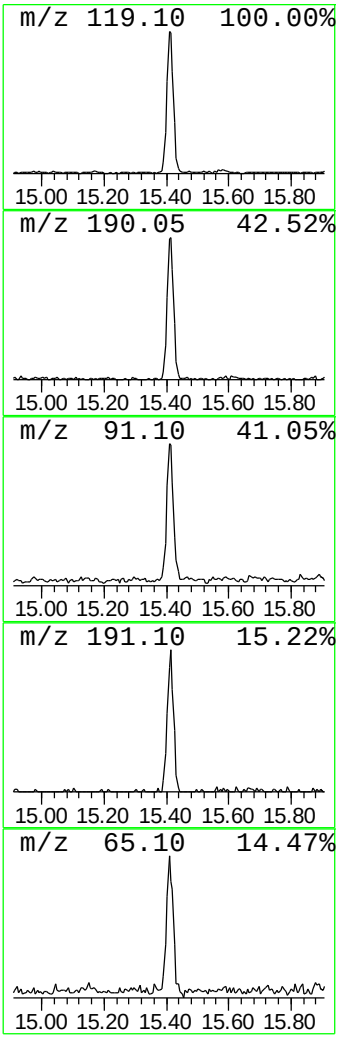
****

Peak Number 7 Diethyltoluamide Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	4.61 ng	226688	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	94
2	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	80
3	4'-Methylbutyrophenone	162	C11H14O	004160-52-5	58
4	N-(m-Toluoyl)glycine	193	C10H11NO3	027115-49-7	53
5	Benzoic acid, 4-methyl-, methyl ...	150	C9H10O2	000099-75-2	53





Library Search Compound Report

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-1-COMP-3-19-2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

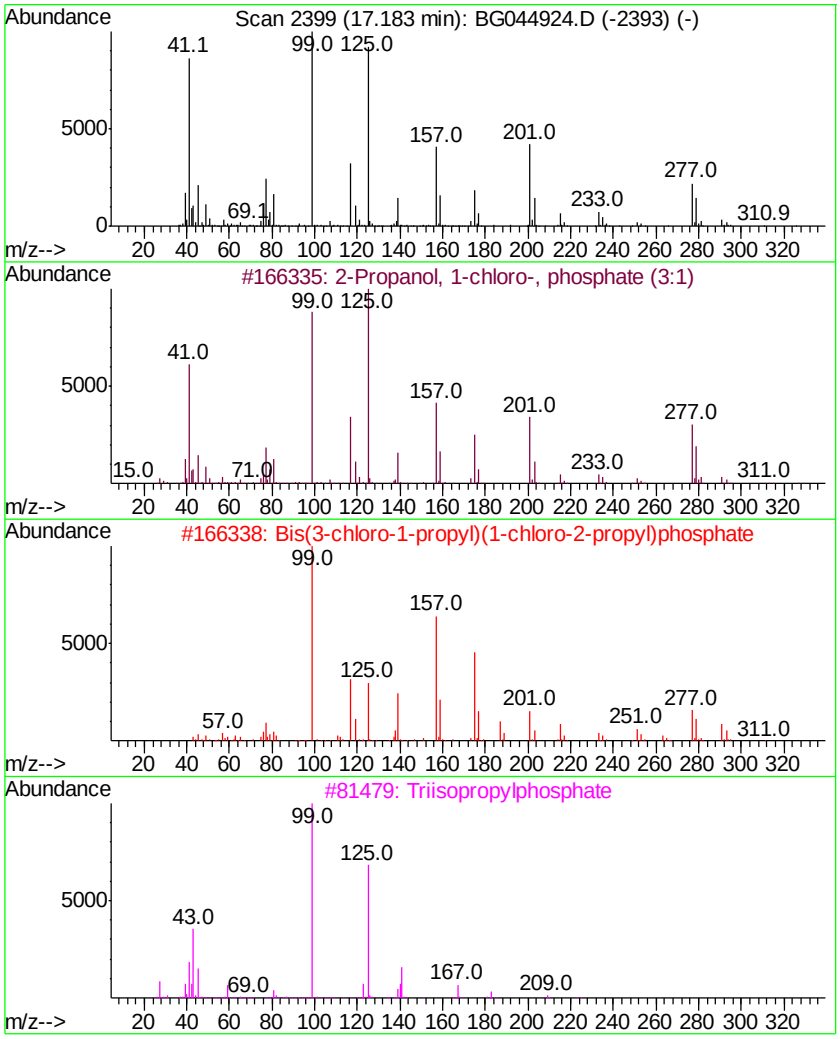
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

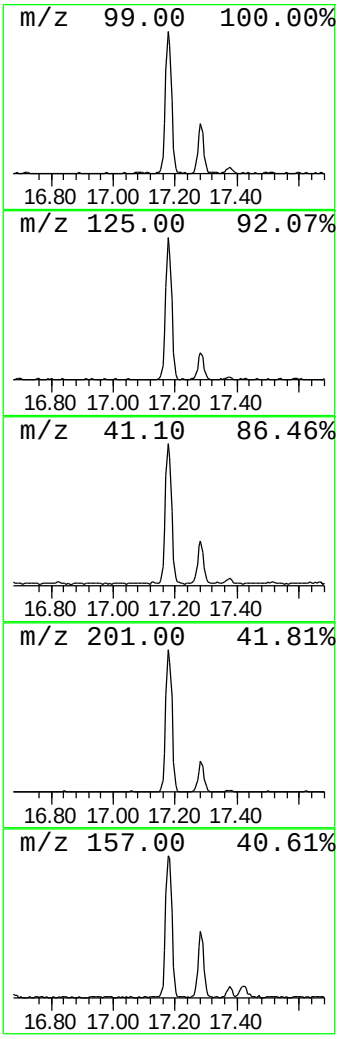
****

Peak Number 8 2-Propanol, 1-chloro-, phos... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.18	20.45 ng	1128870	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	90
2	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	32
3	Triisopropylphosphate	224	C9H21O4P	000513-02-0	25
4	Benzoic acid, 4-[[2-(1-piperazin...	277	C14H19N3O3	1000350-32-6	22
5	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	16





Library Search Compound Report

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Data File : BG044924.D
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Operator : CG/JU
Sample : L1981-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-1-COMP-3-19-2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

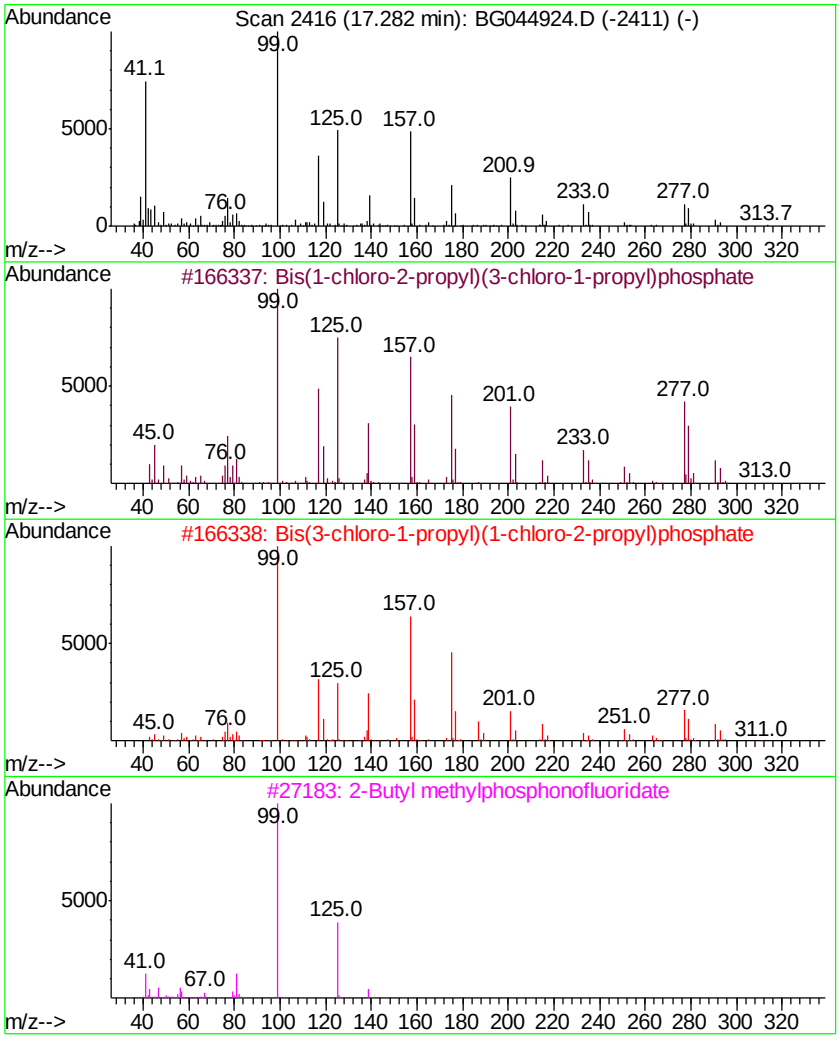
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

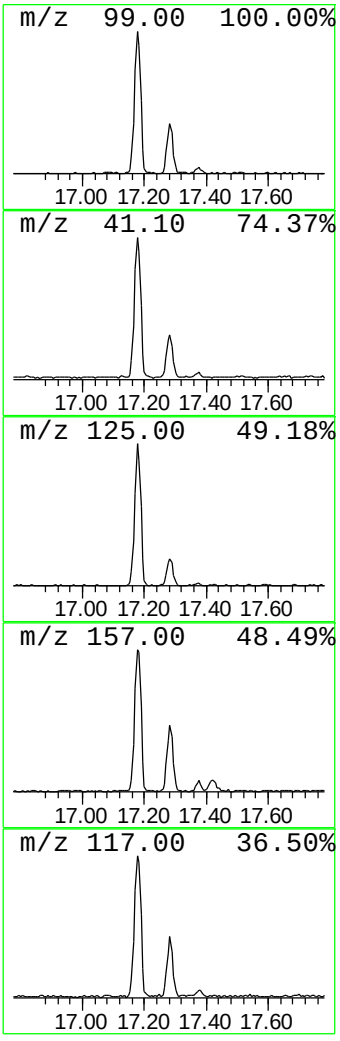
****

Peak Number 9 Bis(1-chloro-2-propyl)(3-ch... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.28	6.45 ng	356018	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	62
2	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	45
3	2-Butyl methylphosphonofluoridate	154	C5H12FO2P	000352-52-3	25
4	Triisopropylphosphate	224	C9H21O4P	000513-02-0	17
5	Sarin	140	C4H10FO2P	000107-44-8	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032020\
Data File : BG044924.D
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Sample : L1981-08
Misc :
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Instrument : BNA_G
ClientSampleId : MH-1-COMP-3-19-2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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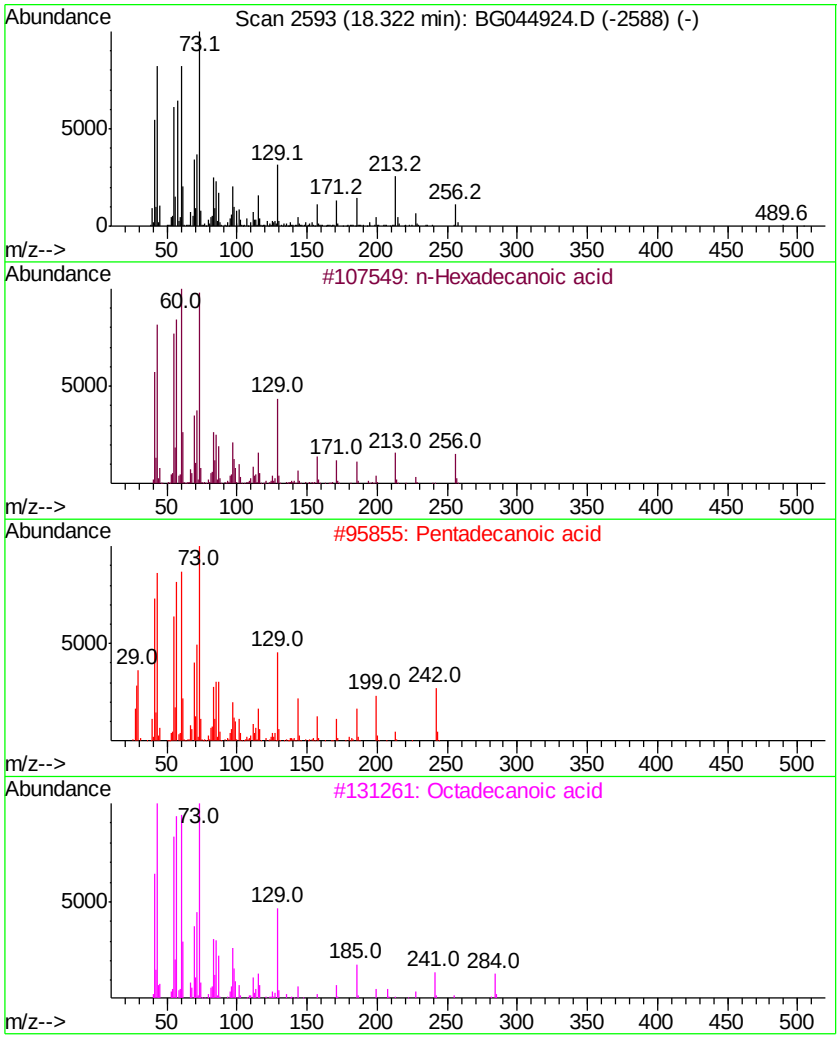
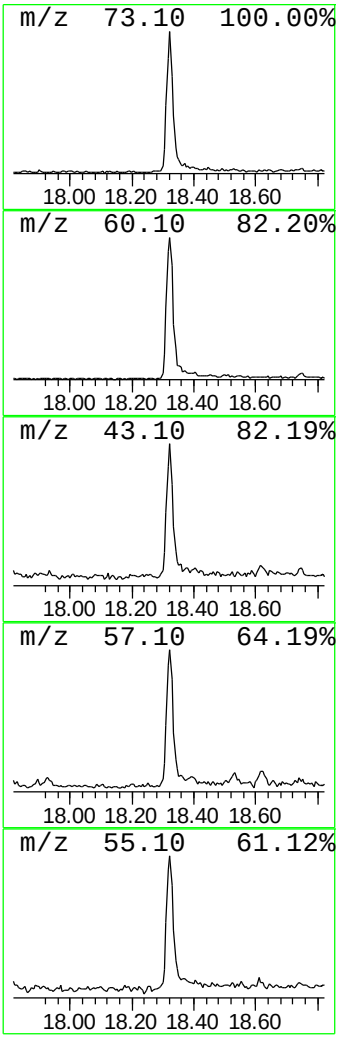
****

Peak Number 10 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	13.08 ng	722198	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Octadecanoic acid	284	C18H36O2	000057-11-4	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032020\
Data File : BG044924.D
Acq On : 20 Mar 2020 17:54
Operator : CG/JU
Sample : L1981-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-1-COMP-3-19-2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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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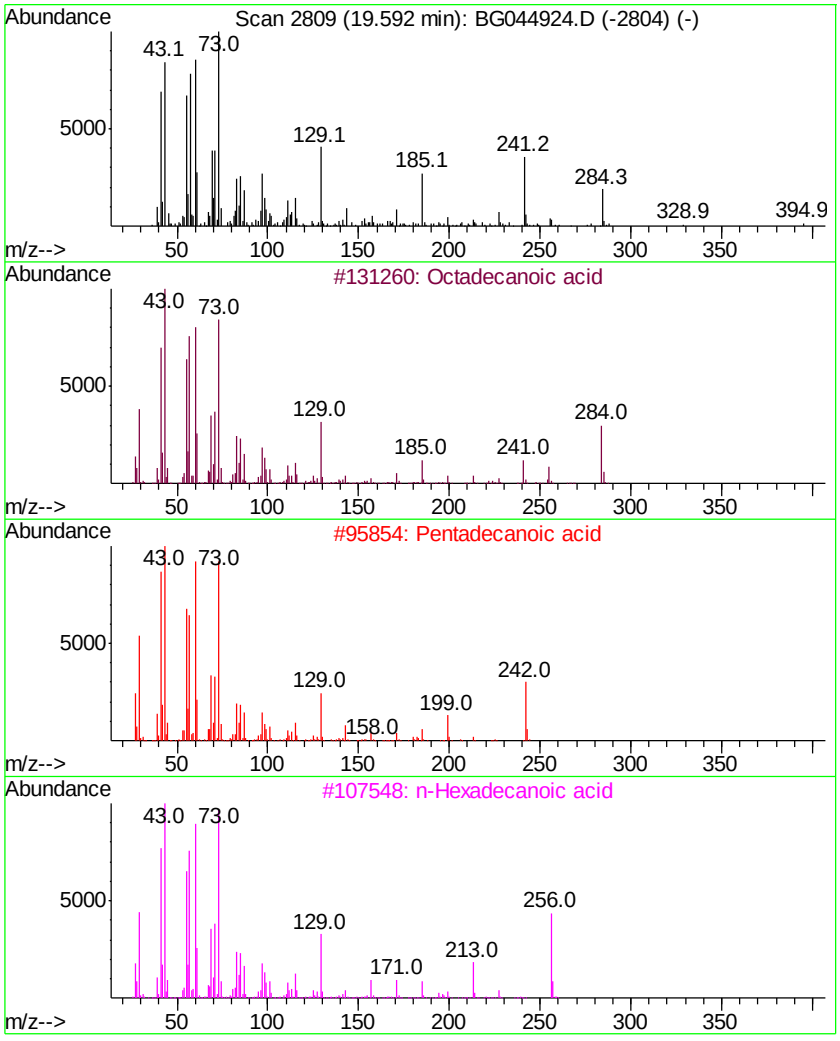
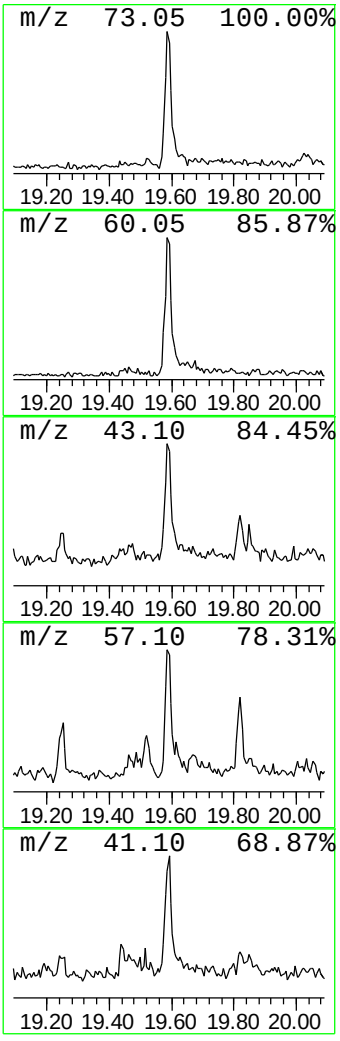
Peak Number 11 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.59	5.05 ng	336555	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	18





Library Search Compound Report

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Acq On : 20 Mar 2020 17:54
Operator : CG/JU
Sample : L1981-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-1-COMP-3-19-2020

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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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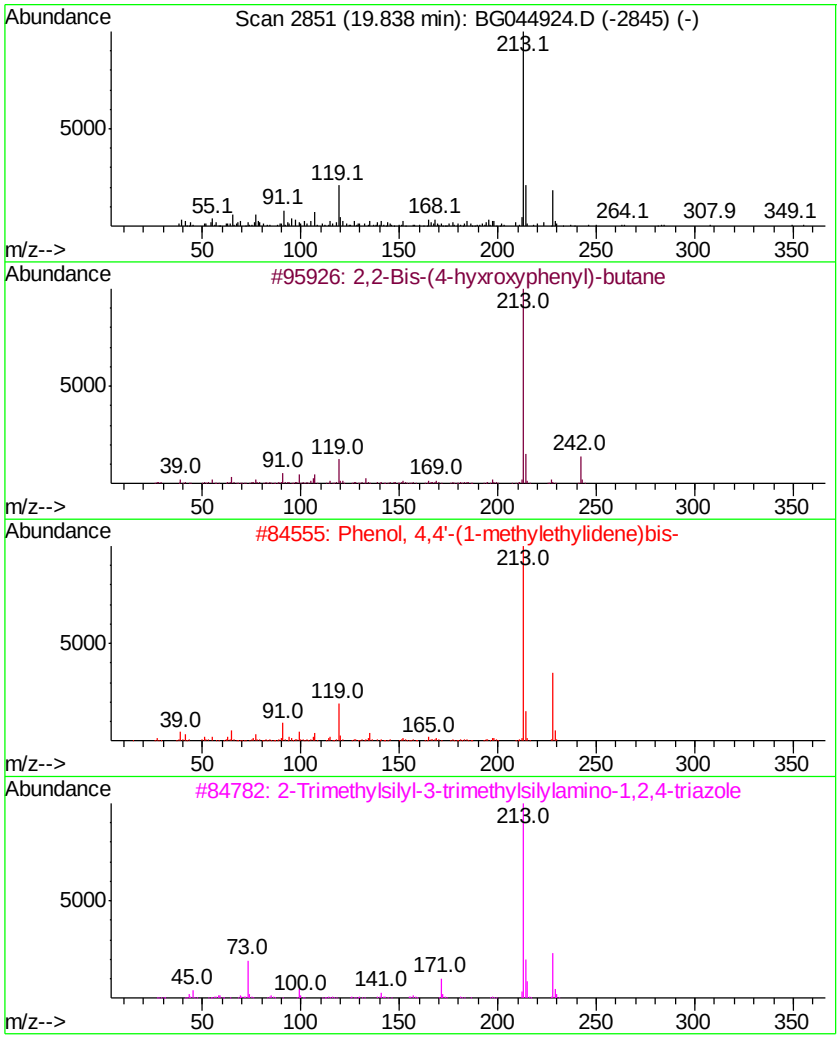
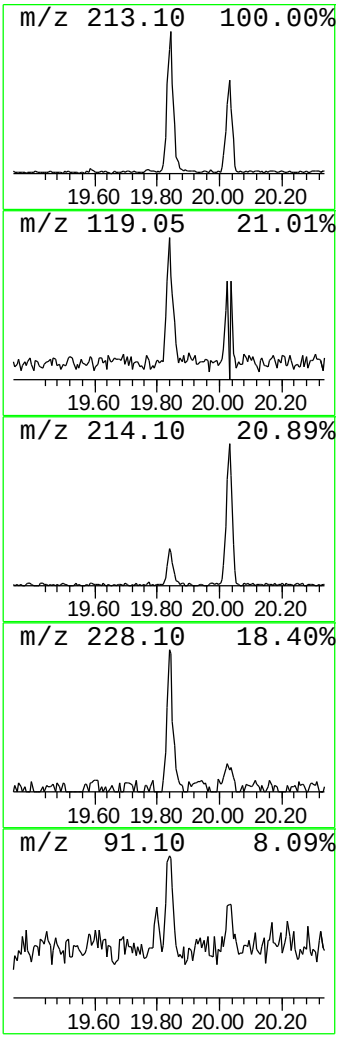
Peak Number 12 2,2-Bis-(4-hyxroxyphenyl)-b... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	3.18 ng	212319	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	64
2	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	64
3	2-Trimethylsilyl-3-trimethylsily...	228	C8H20N4Si2	1000373-05-5	64
4	Benzoic acid, 2-(4-aminophenyl)-	213	C13H11NO2	025829-61-2	53
5	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	53





Library Search Compound Report

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Acq On : 20 Mar 2020 17:54
Operator : CG/JU
Sample : L1981-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-1-COMP-3-19-2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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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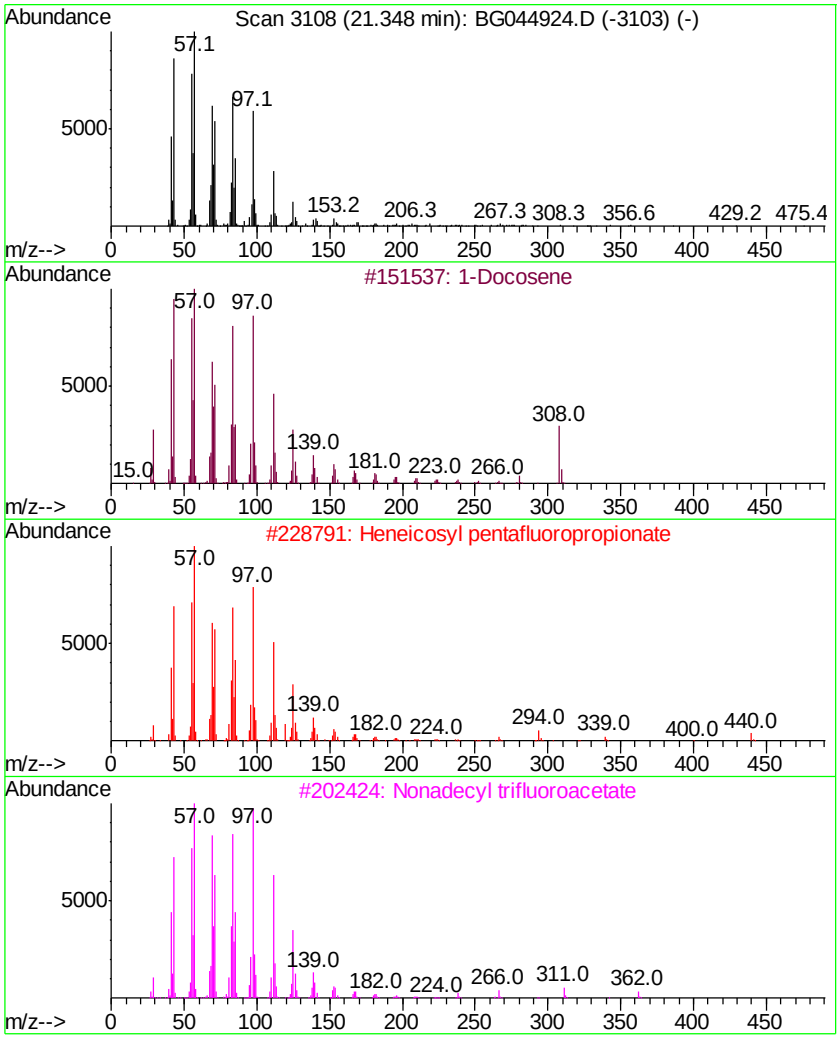
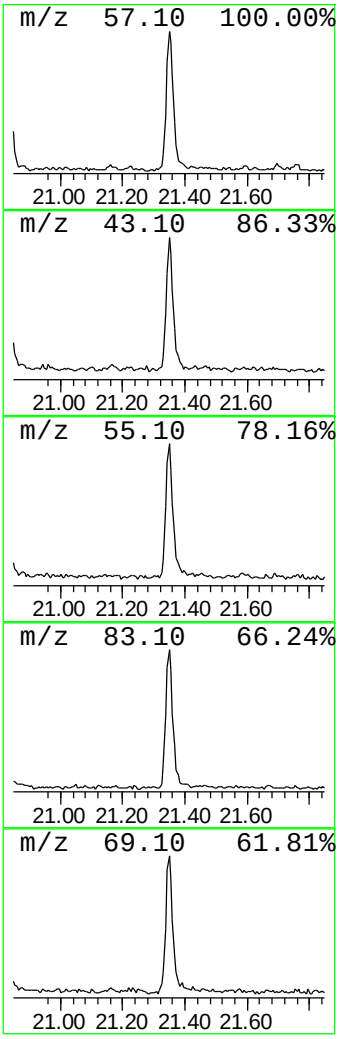
Peak Number 13 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	12.19 ng	812514	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	Heneicosyl pentafluoropropionate	458	C24H43F5O2	1000351-81-1	91
3	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
4	Cyclooctacosane	392	C28H56	000297-24-5	91
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91





Library Search Compound Report

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Operator : CG/JU
Sample : L1981-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-1-COMP-3-19-2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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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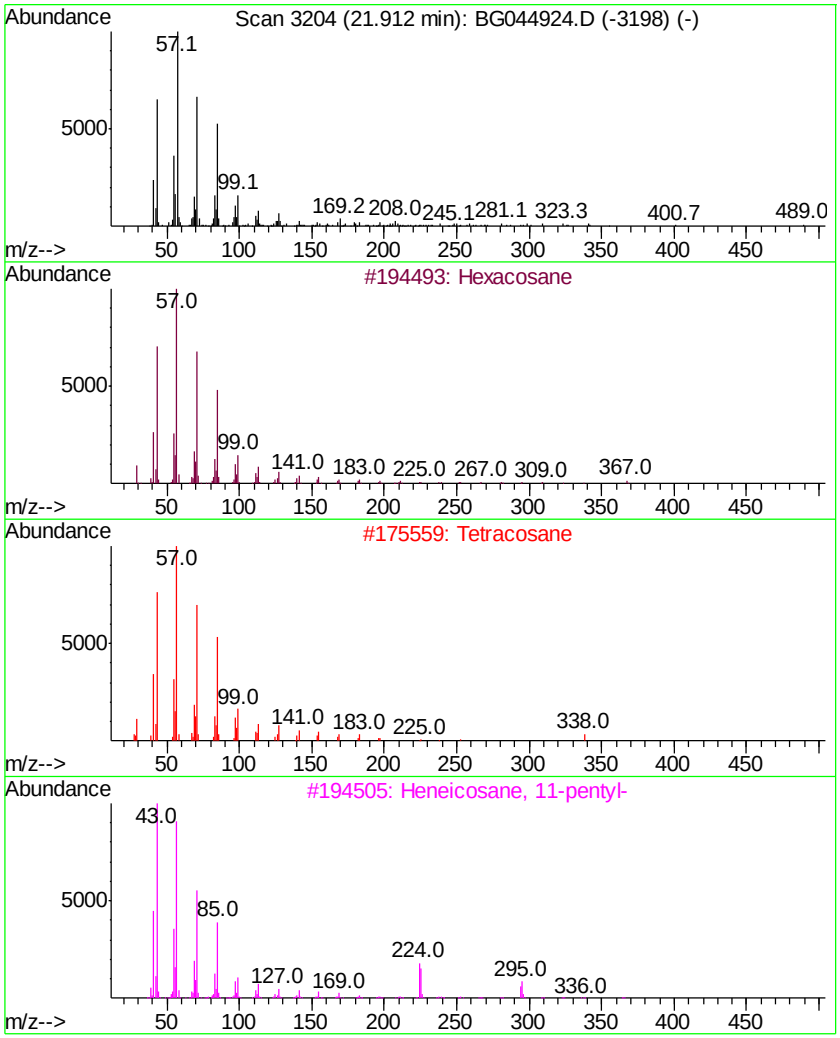
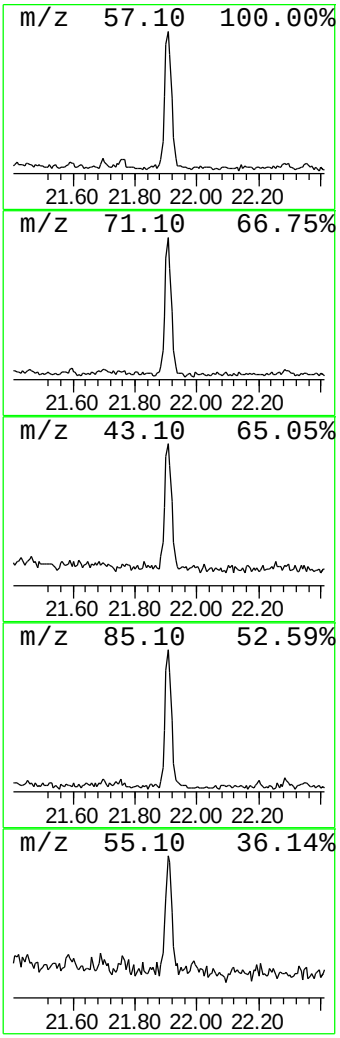
Peak Number 14 Hexacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.91	4.32 ng	287985	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Tetracosane	338	C24H50	000646-31-1	87
3	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	86
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
5	Heneicosane	296	C21H44	000629-94-7	80





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Acq On : 20 Mar 2020 17:54
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Sample : L1981-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-1-COMP-3-19-2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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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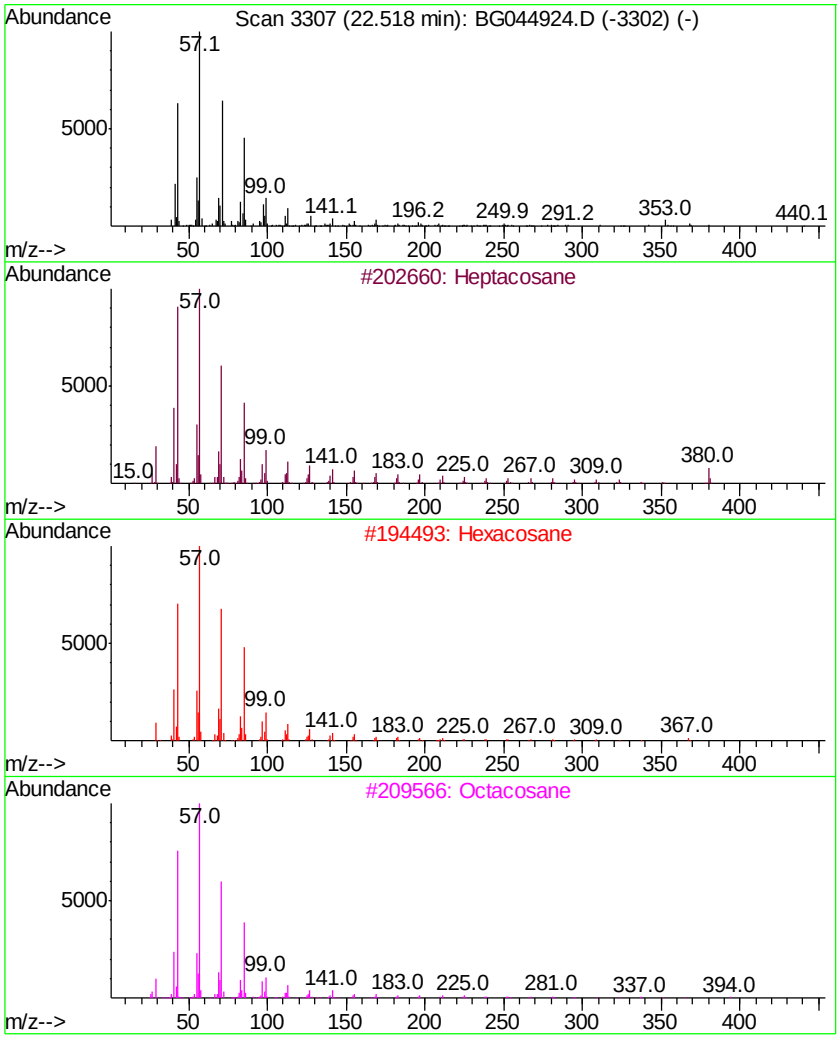
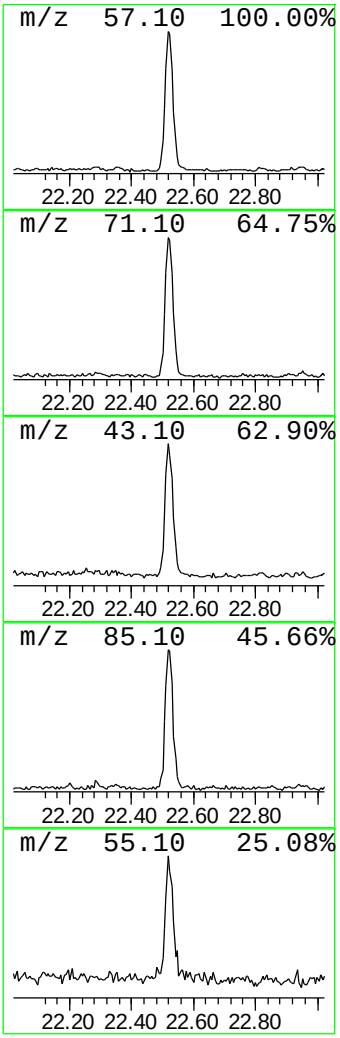
Peak Number 15 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	7.02 ng	467669	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Eicosane	282	C20H42	000112-95-8	87
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87





Library Search Compound Report

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Data File : BG044924.D
Acq On : 20 Mar 2020 17:54
Operator : CG/JU
Sample : L1981-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-1-COMP-3-19-2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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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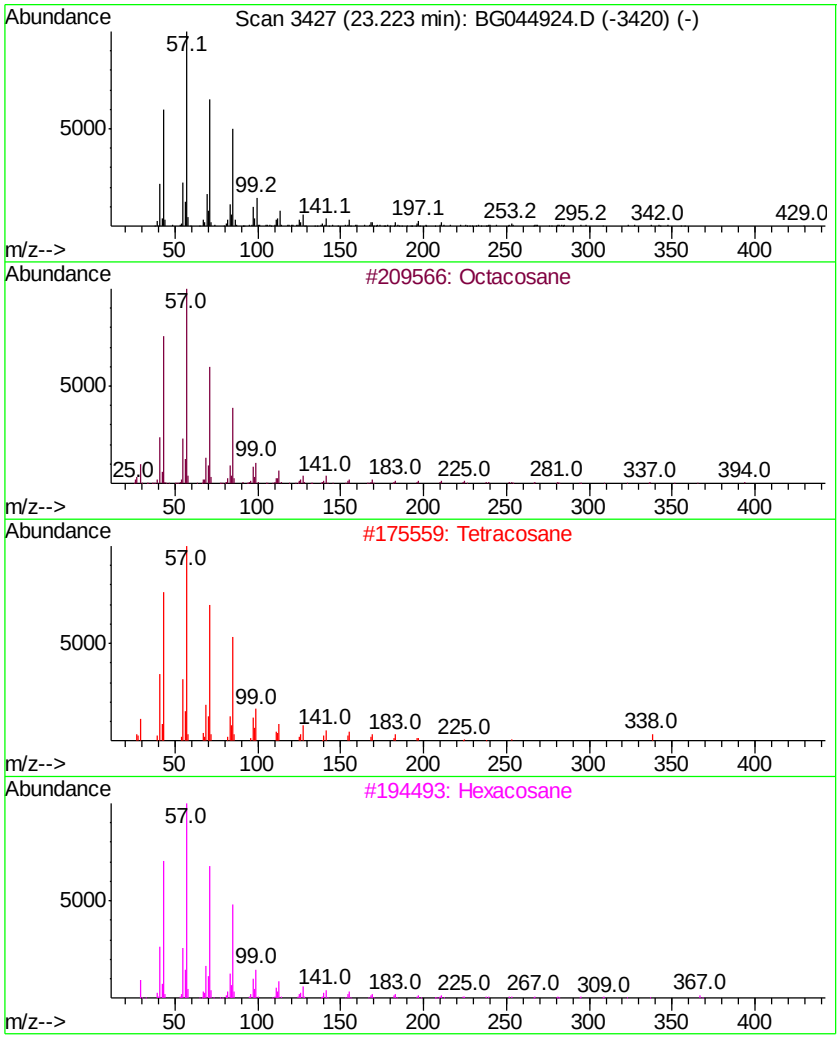
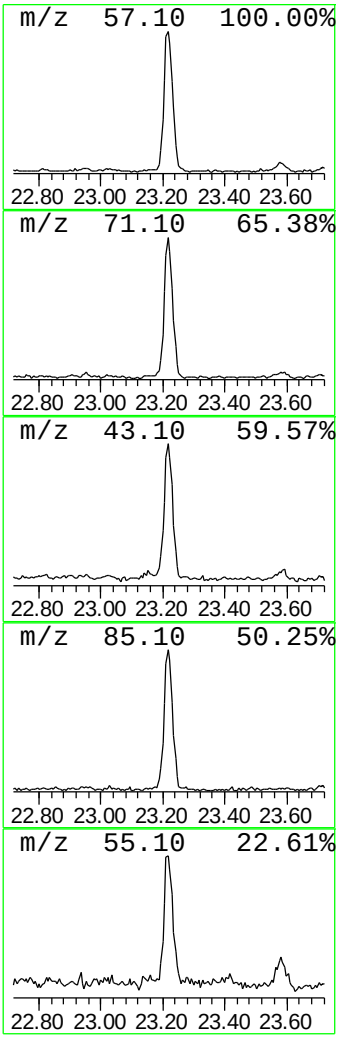
Peak Number 16 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.22	8.87 ng	591132	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	98
2	Tetracosane	338	C24H50	000646-31-1	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Nonadecane	268	C19H40	000629-92-5	83
5	Hexadecane	226	C16H34	000544-76-3	83





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Operator : CG/JU
Sample : L1981-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-1-COMP-3-19-2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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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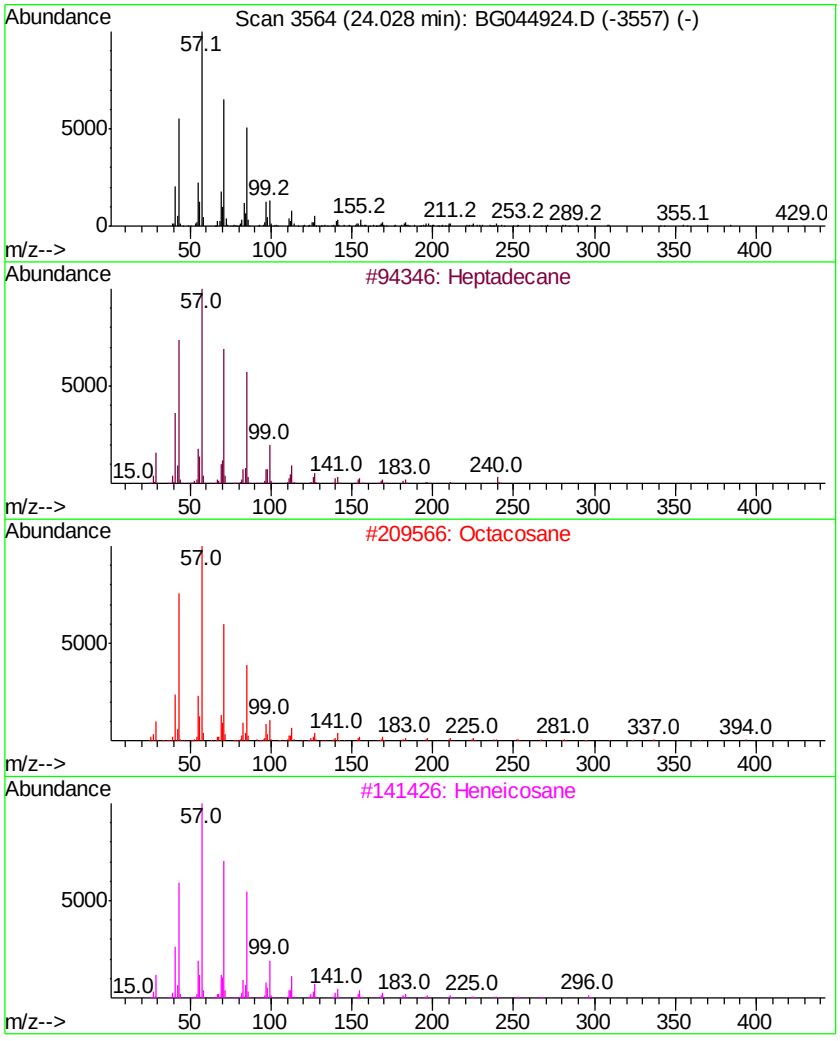
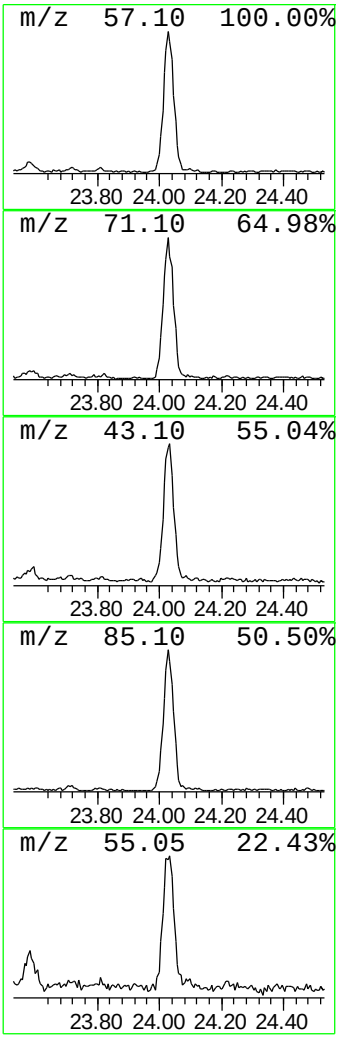
Peak Number 17 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	10.01 ng	679317	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Eicosane	282	C20H42	000112-95-8	87
5	Pentadecane	212	C15H32	000629-62-9	83





Library Search Compound Report

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Acq On : 20 Mar 2020 17:54
Operator : CG/JU
Sample : L1981-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-1-COMP-3-19-2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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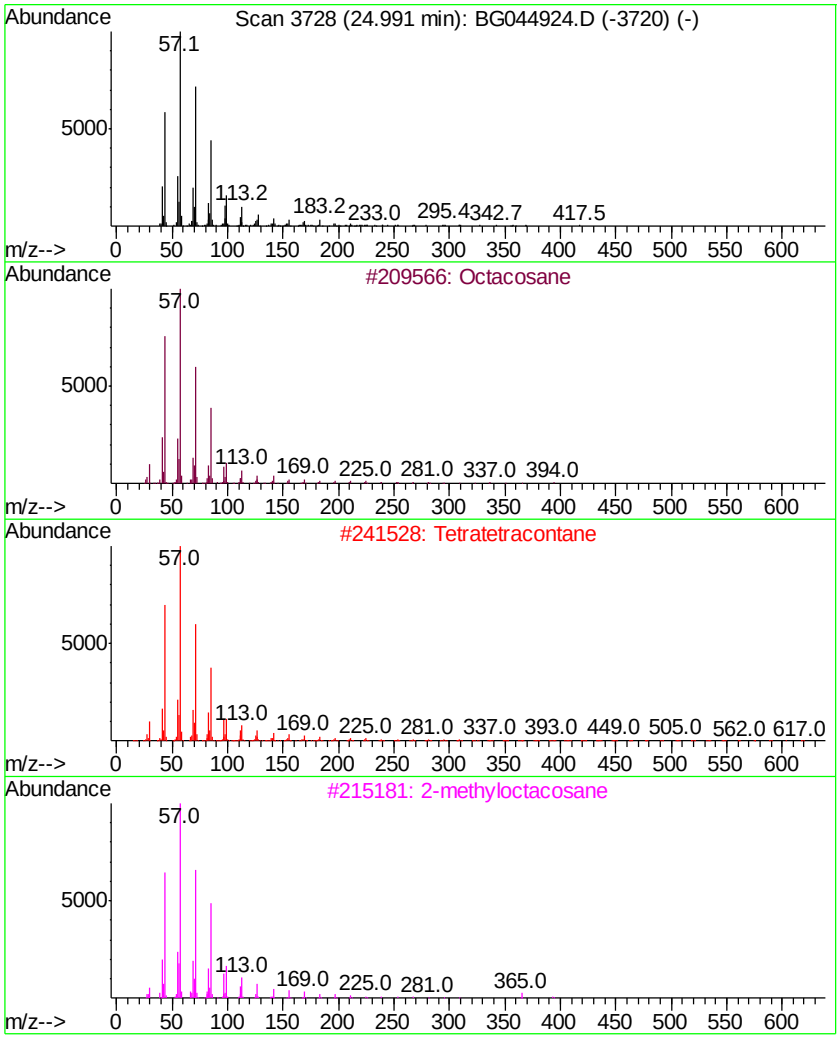
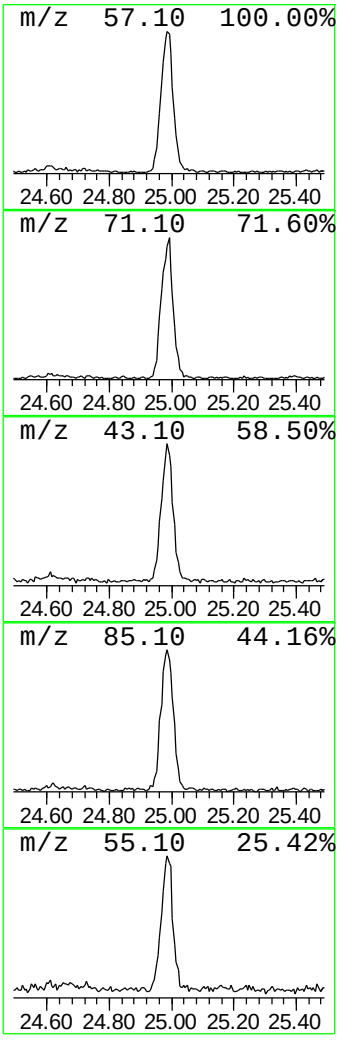
Peak Number 18 Tetratetracontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.99	10.14 ng	687540	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Sample : L1981-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-1-COMP-3-19-2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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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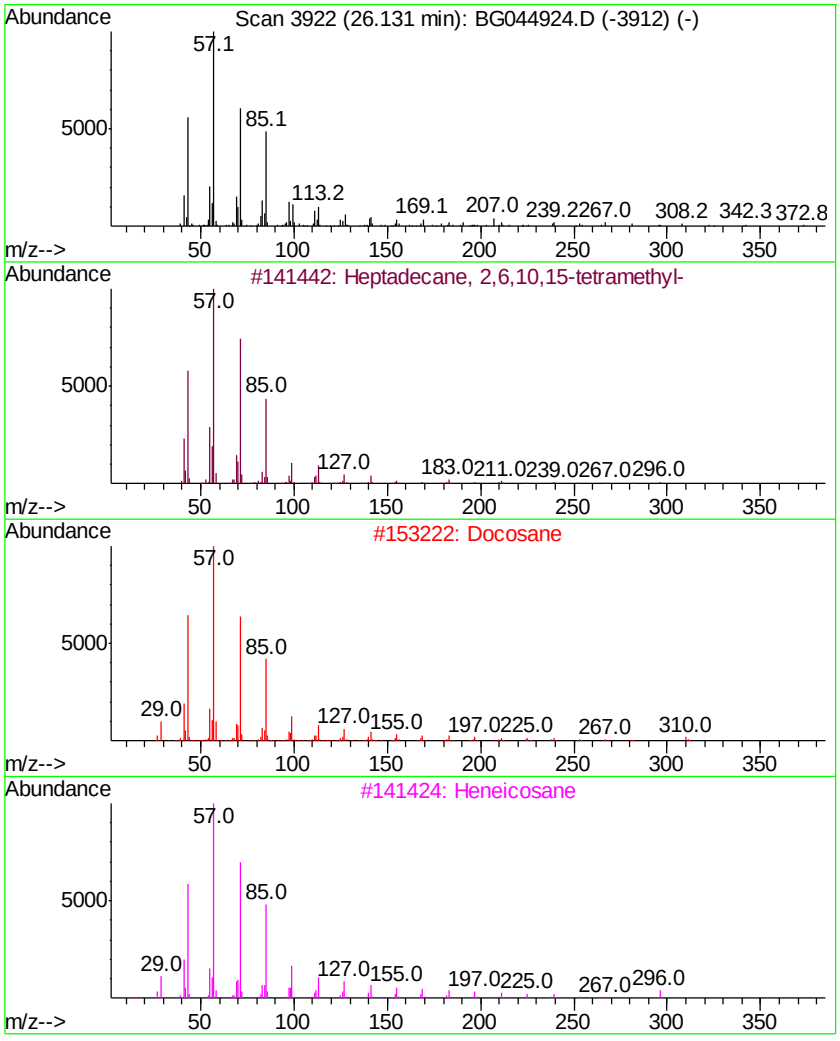
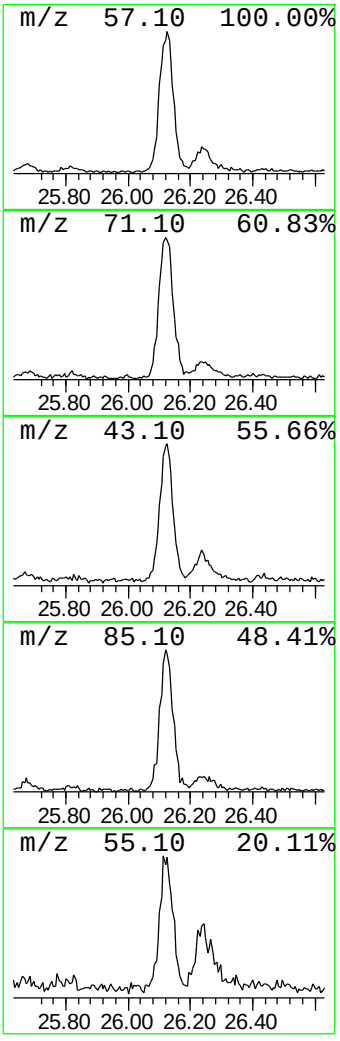
Peak Number 19 Heptadecane, 2,6,10,15-tetr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.13	8.09 ng	548667	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	92
2	Docosane	310	C22H46	000629-97-0	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





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Misc :
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Instrument : BNA_G
ClientSampleId : MH-1-COMP-3-19-2020

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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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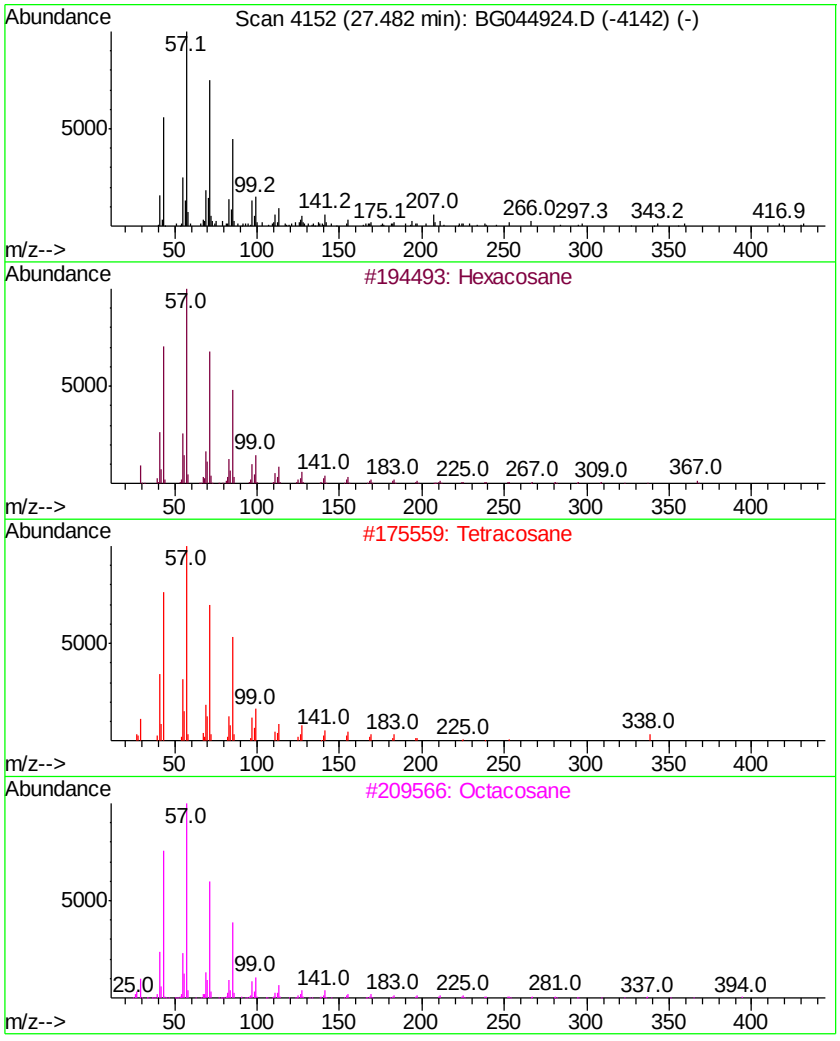
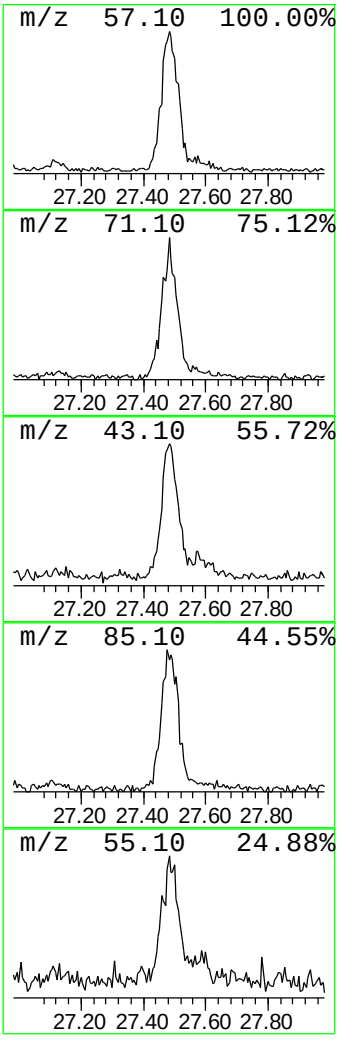
Peak Number 20 Tetracosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.48	4.98 ng	337513	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Hentriacontane	437	C31H64	000630-04-6	91
5	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032020\
Data File : BG044924.D
Acq On : 20 Mar 2020 17:54
Operator : CG/JU
Sample : L1981-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-1-COMP-3-19-2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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
Cyclohexane	3.15	13.5	ng	354224	1	8.05	526372	20.0
Butane, 2-methoxy...	3.23	8.0	ng	209752	1	8.05	526372	20.0
Benzene, chloro-	5.36	3.5	ng	92453	1	8.05	526372	20.0
2,4,7,9-Tetrameth...	13.58	6.0	ng	297104	3	14.67	983487	20.0
Diethyltoluamide	15.41	4.6	ng	226688	3	14.67	983487	20.0
2-Propanol, 1-chl...	17.18	20.4	ng	1128870	4	17.42	1104050	20.0
Bis(1-chloro-2-pr...	17.28	6.5	ng	356018	4	17.42	1104050	20.0
n-Hexadecanoic acid	18.32	13.1	ng	722198	4	17.42	1104050	20.0
Octadecanoic acid	19.59	5.0	ng	336555	5	21.69	1333300	20.0
2,2-Bis-(4-hyxrox...	19.84	3.2	ng	212319	5	21.69	1333300	20.0
1-Docosene	21.35	12.2	ng	812514	5	21.69	1333300	20.0
Hexacosane	21.91	4.3	ng	287985	5	21.69	1333300	20.0
Heptacosane	22.52	7.0	ng	467669	5	21.69	1333300	20.0
Octacosane	23.22	8.9	ng	591132	5	21.69	1333300	20.0
Heptadecane	24.03	10.0	ng	679317	6	24.89	1356670	20.0
Tetratetracontane	24.99	10.1	ng	687540	6	24.89	1356670	20.0
Heptadecane, 2,6,...	26.13	8.1	ng	548667	6	24.89	1356670	20.0
Tetracosane	27.48	5.0	ng	337513	6	24.89	1356670	20.0