LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042919\
Data File : BG040668.D
Acq On : 29 Apr 2019 19:11
Operator : JU/SJ
Sample : K2572-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-6

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-BG042319.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	3.161	6	12	21	rBV	407217	786148	15.95%	3.004%
2	3.238	21	25	32	rVB	107830	157165	3.19%	0.600%
3	5.224	352	363	369	rBV	32914	56894	1.15%	0.217%
4	5.682	435	441	447	rBV	388947	611038	12.40%	2.335%
5	7.286	707	714	721	rBV	269646	465372	9.44%	1.778%
6	7.674	771	780	787	rBV	703056	1181156	23.97%	4.513%
7	8.150	855	861	872	rVB2	207131	387846	7.87%	1.482%
8	8.473	909	916	924	rBV	831181	1443359	29.29%	5.514%
9	9.331	1053	1062	1069	rBV	801261	1444634	29.32%	5.519%
10	10.382	1233	1241	1246	rBV3	60957	113384	2.30%	0.433%
11	10.976	1334	1342	1348	rBV	281286	507461	10.30%	1.939%
12	12.280	1559	1564	1569	rBV2	38227	61805	1.25%	0.236%
13	13.408	1748	1756	1764	rBV	2043098	3163079	64.19%	12.085%
14	14.783	1984	1990	1997	rVB2	468786	776616	15.76%	2.967%
15	15.500	2107	2112	2117	rBV	95564	135329	2.75%	0.517%
16	15.676	2137	2142	2147	rVB3	45327	68505	1.39%	0.262%
17	15.958	2179	2190	2194	rBV	91956	144644	2.94%	0.553%
18	16.264	2234	2242	2253	rBV2	1439056	2205808	44.77%	8.428%
19	16.452	2268	2274	2281	rBV	207148	335860	6.82%	1.283%
20	16.781	2323	2330	2338	rBV	82553	149042	3.02%	0.569%
21	17.521	2450	2456	2463	rBV2	644564	1021068	20.72%	3.901%
22	18.379	2597	2602	2614	rBV	227651	334507	6.79%	1.278%
23	19.642	2813	2817	2826	rBV	182598	272293	5.53%	1.040%
24	19.930	2862	2866	2875	rVB2	52291	78065	1.58%	0.298%
25	20.124	2892	2899	2905	rBV	3667045	4927316	100.00%	18.825%
26	20.882	3024	3028	3036	rVB	140103	187673	3.81%	0.717%
27	21.416	3115	3119	3125	rVB	62171	89031	1.81%	0.340%
28	21.810	3179	3186	3197	rVB	726005	1185913	24.07%	4.531%
29	21.980	3210	3215	3221	rBV2	75521	113388	2.30%	0.433%
30	22.609	3316	3322	3329	rVB	154233	246966	5.01%	0.944%
31	23.332	3437	3445	3453	rVB	234231	446476	9.06%	1.706%
32	24.178	3581	3589	3598	rVB2	259085	545516	11.07%	2.084%
33	25.177	3748	3759	3771	rVB2	601618	1656192	33.61%	6.328%
34	26.369	3952	3962	3973	rVB4	145525	481758	9.78%	1.841%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042919\
Data File : BG040668.D
Acq On : 29 Apr 2019 19:11
Operator : JU/SJ
Sample : K2572-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-6

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-BG042319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	27.809	4196	4207	4219	rVB4	78965	288010	5.85%	1.100%
36	29.542	4496	4502	4516	rVB9	26909	104586	2.12%	0.400%

Sum of corrected areas: 26173903

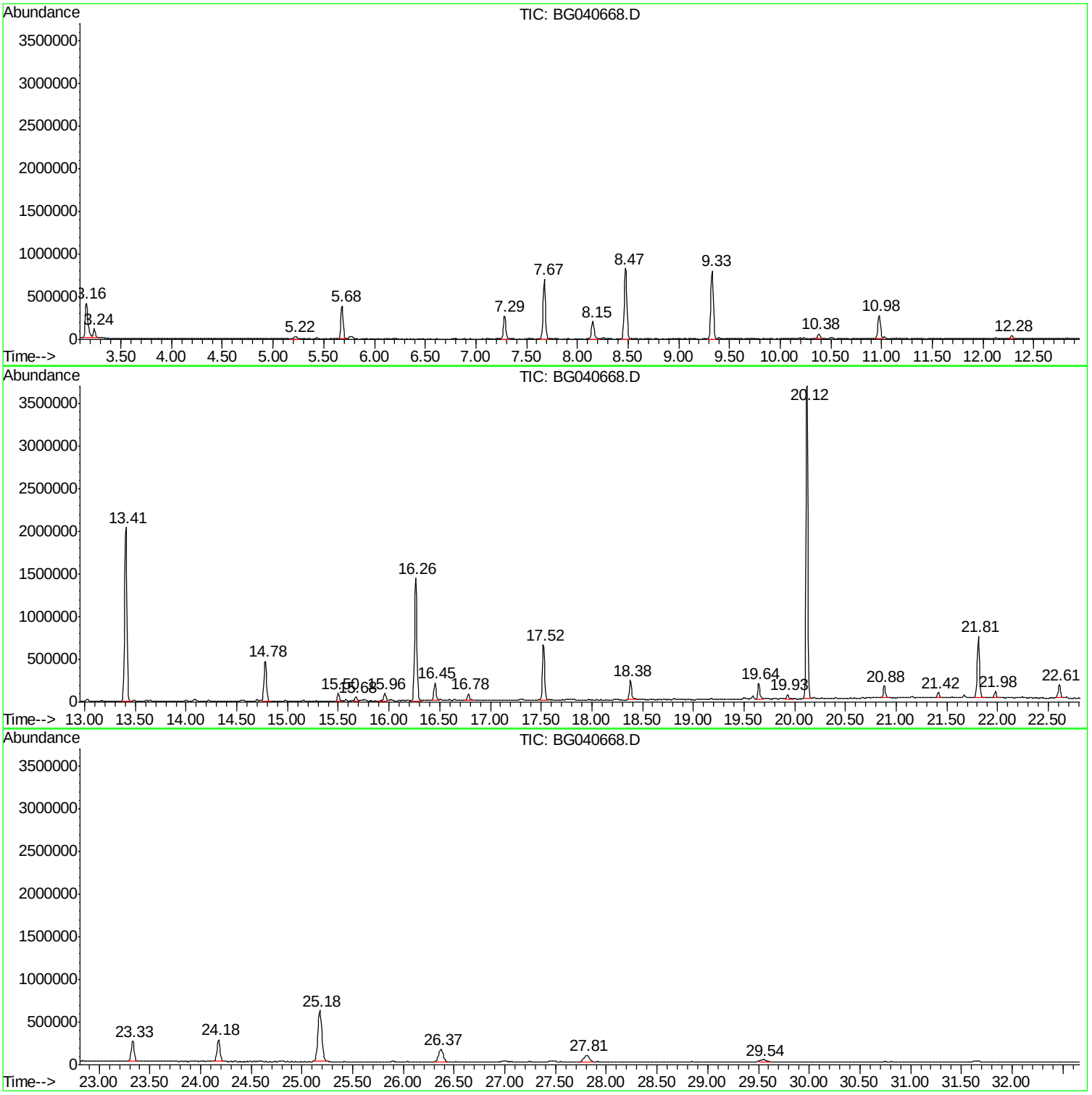
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042919\
Data File : BG040668.D
Acq On : 29 Apr 2019 19:11
Operator : JU/SJ
Sample : K2572-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042919\
Data File : BG040668.D
Acq On : 29 Apr 2019 19:11
Operator : JU/SJ
Sample : K2572-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

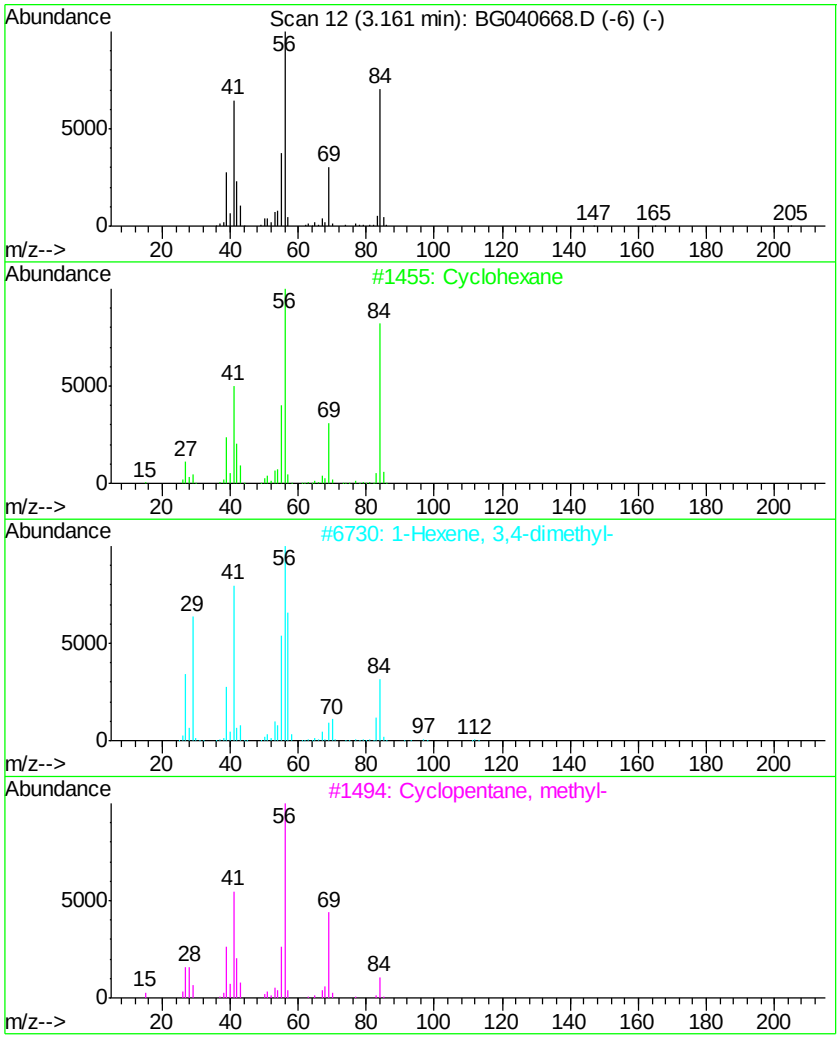
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

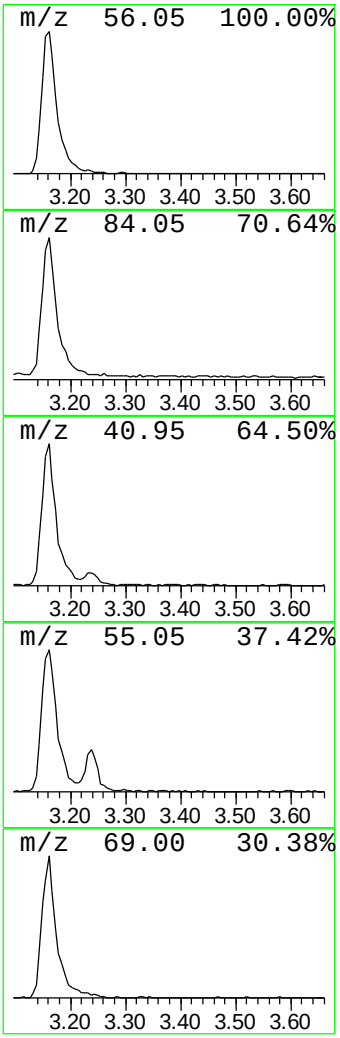
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	40.54 ng	786148	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	94
2	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	64
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	59
4	1-Hexene	84	C6H12	000592-41-6	53
5	Pyridine-D5-	84	C5D5N	007291-22-7	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042919\
Data File : BG040668.D
Acq On : 29 Apr 2019 19:11
Operator : JU/SJ
Sample : K2572-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

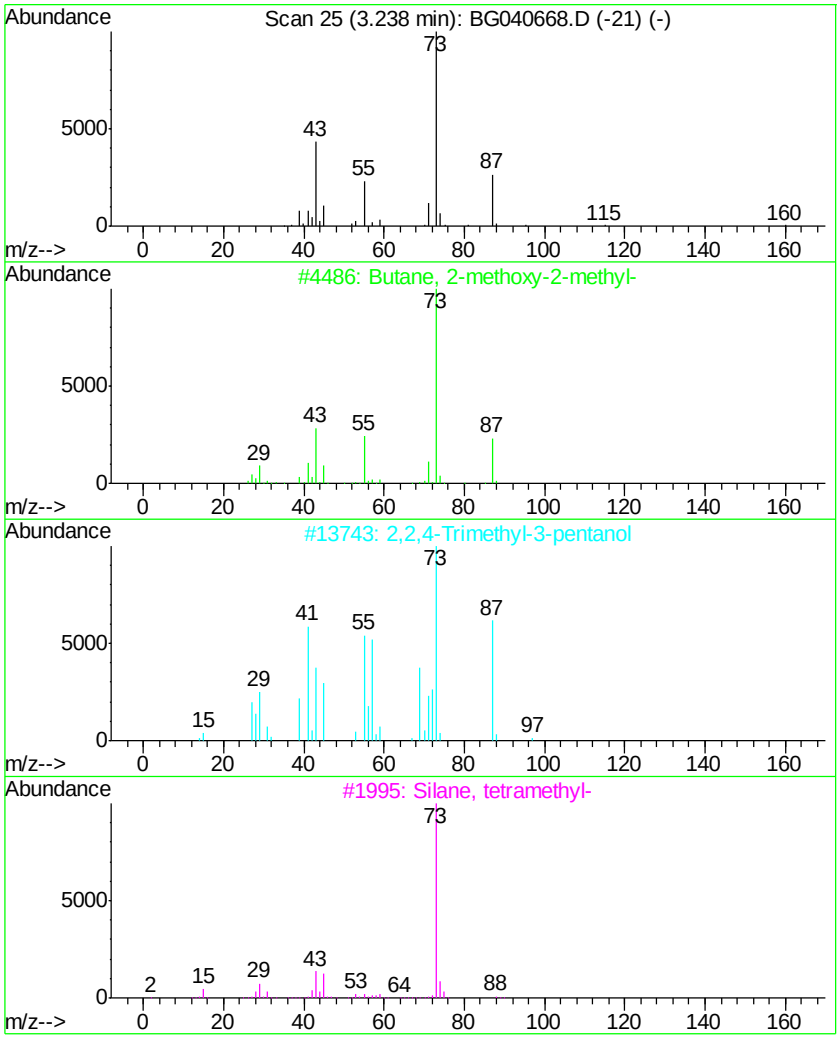
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

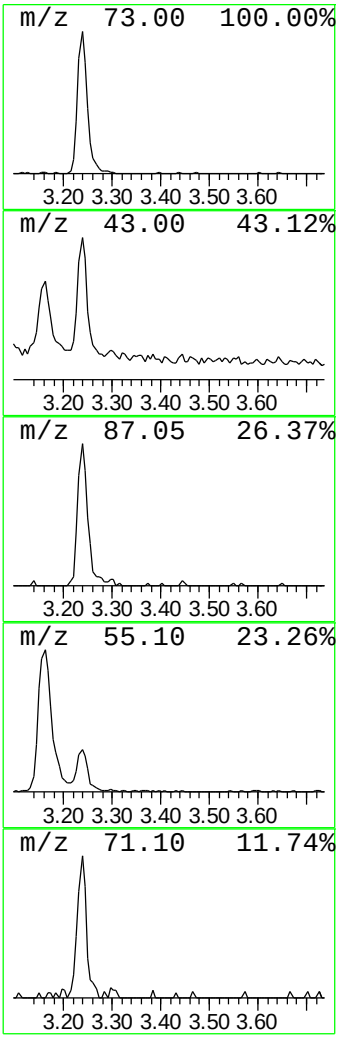
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	8.10 ng	157165	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042919\
Data File : BG040668.D
Acq On : 29 Apr 2019 19:11
Operator : JU/SJ
Sample : K2572-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

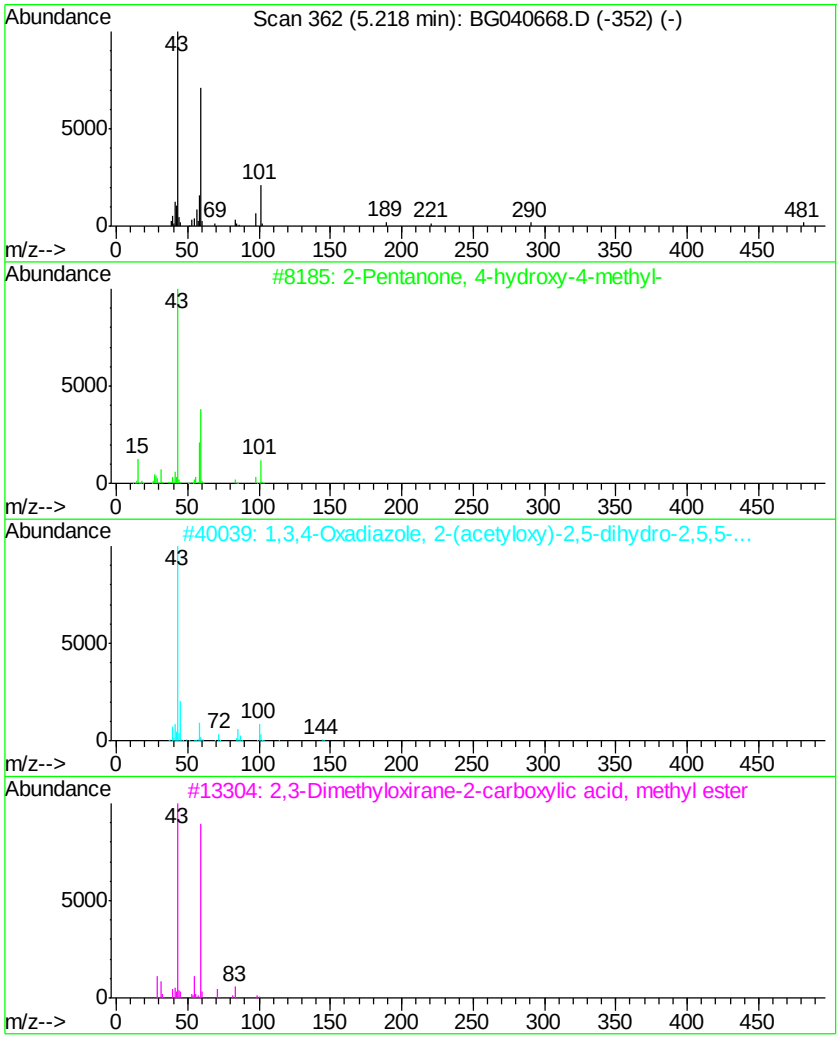
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

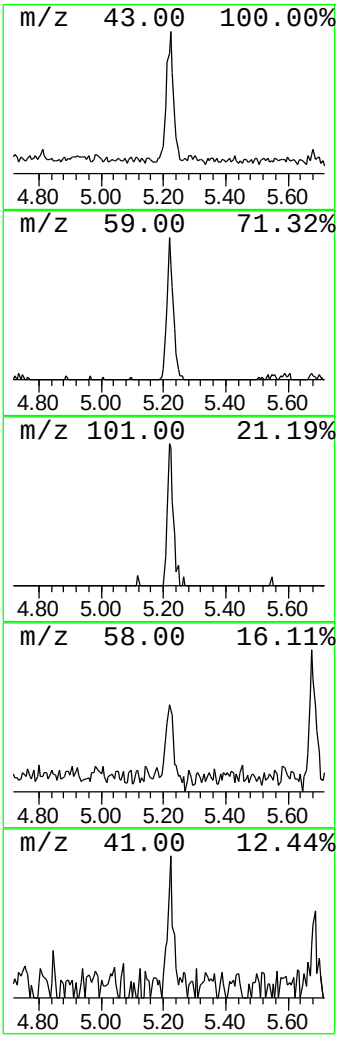
****

Peak Number 3 unknown5.22 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	2.93 ng	56894	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	36
2	1,3,4-Oxadiazole, 2-(acetyloxy)-...	172	C7H12N2O3	066398-57-0	9
3	2,3-Dimethyloxirane-2-carboxylic...	130	C6H10O3	1000306-64-4	9
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5	Dimethadione	129	C5H7NO3	000695-53-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042919\
Data File : BG040668.D
Acq On : 29 Apr 2019 19:11
Operator : JU/SJ
Sample : K2572-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

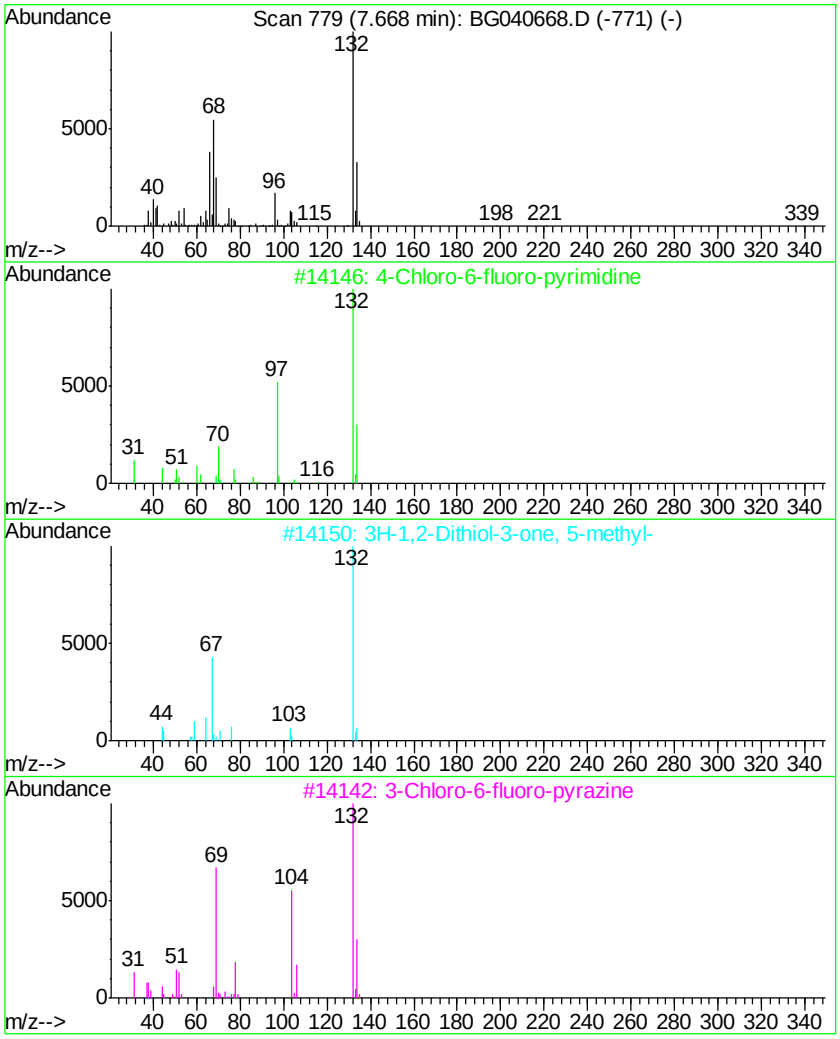
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

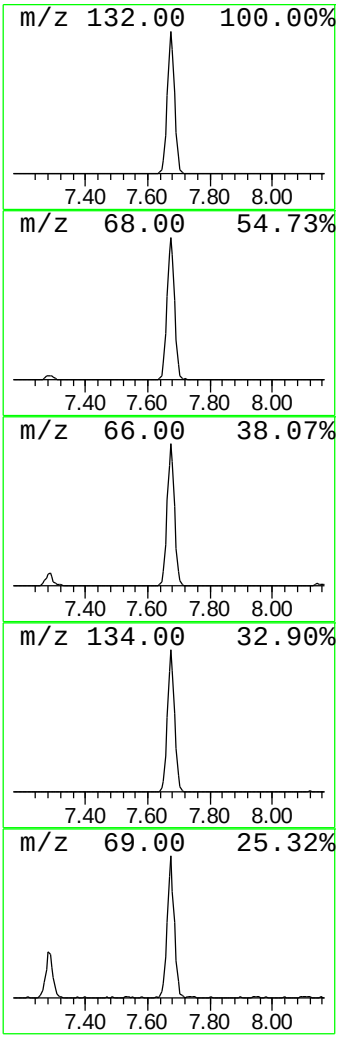
****

Peak Number 4 unknown7.67 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	60.91 ng	1181160	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	10
5	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042919\
Data File : BG040668.D
Acq On : 29 Apr 2019 19:11
Operator : JU/SJ
Sample : K2572-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

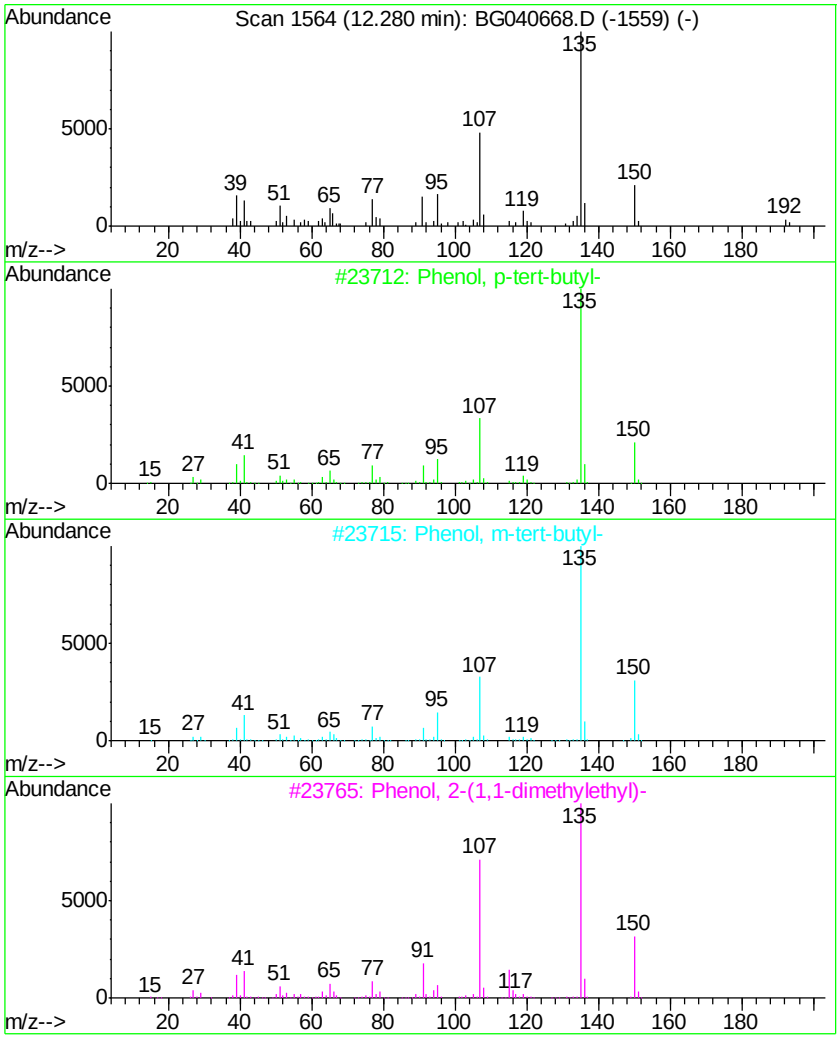
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

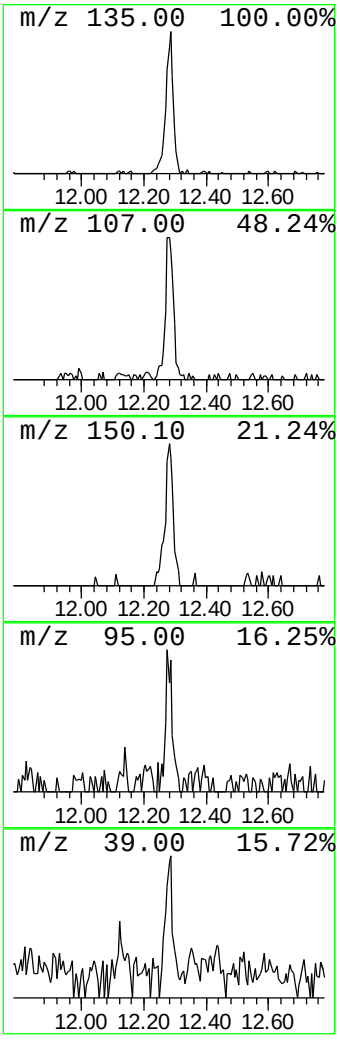
****

Peak Number 7 Phenol, p-tert-butyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	2.44 ng	61805	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	94
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
3	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	90
4	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	74
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64





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Data File : BG040668.D
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Operator : JU/SJ
Sample : K2572-01
Misc :
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Instrument : BNA_G
ClientSampleId : MH-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

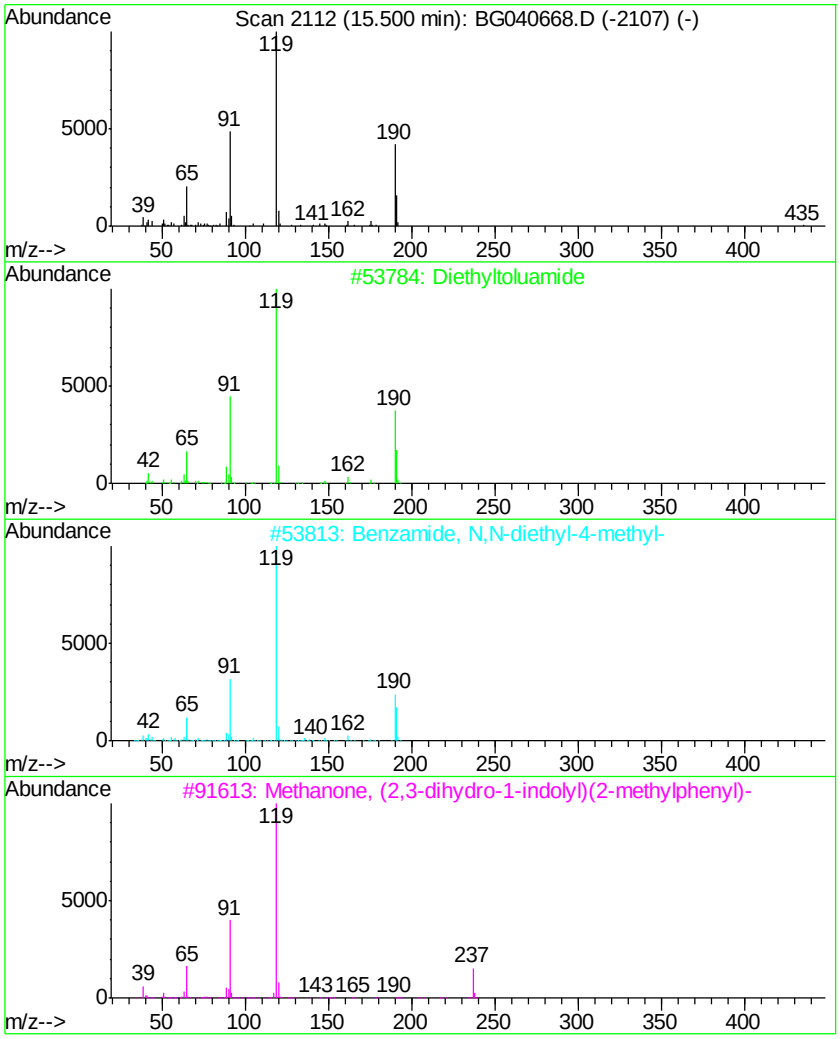
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

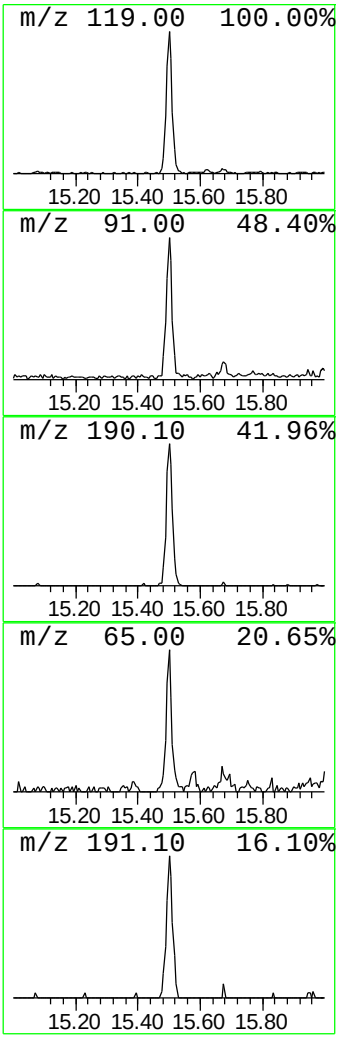
****

Peak Number 8 Diethyltoluamide Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	3.49 ng	135329	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	97
2	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	64
3	Methanone, (2,3-dihydro-1-indoly...	237	C16H15NO	315248-40-9	53
4	2,5-Pyrrolidinone, 1-[(3-methylb...	233	C12H11NO4	110920-15-5	53
5	Quinoxaline-2(1H)-one, 5,6,7,8-t...	314	C17H18N2O4	1000295-63-8	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042919\
Data File : BG040668.D
Acq On : 29 Apr 2019 19:11
Operator : JU/SJ
Sample : K2572-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

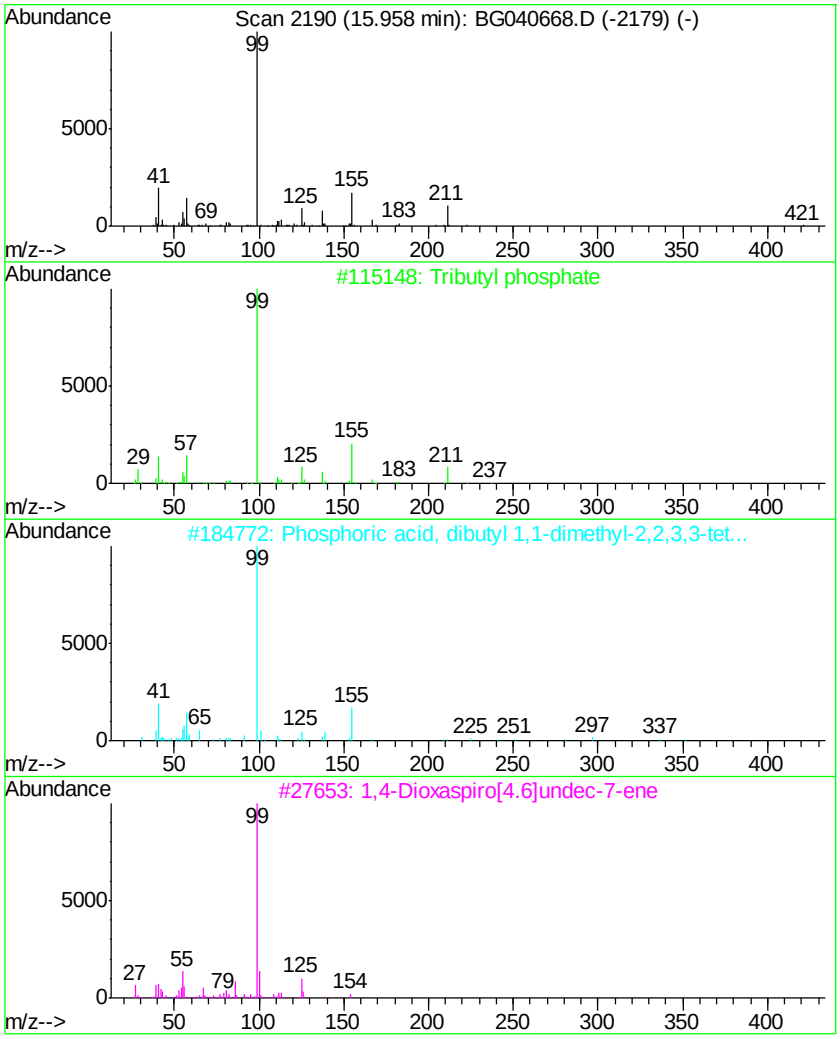
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

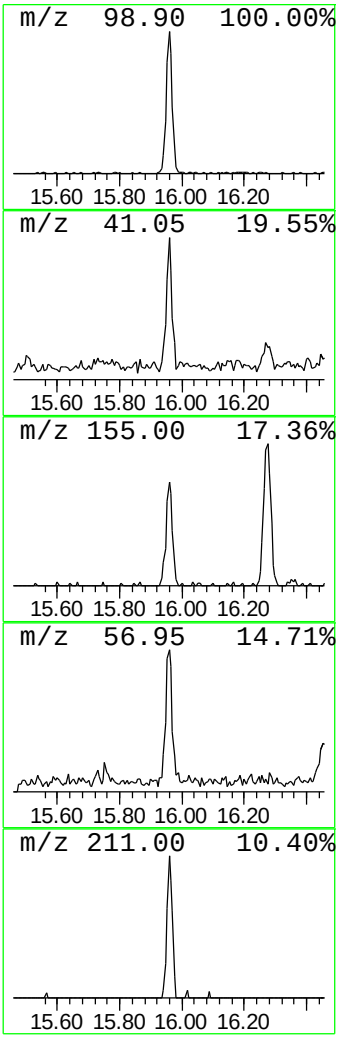
****

Peak Number 9 Tributyl phosphate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	3.72 ng	144644	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tributyl phosphate	266	C12H27O4P	000126-73-8	91
2	Phosphoric acid, dibutyl 1,1-dim...	352	C13H25F4O4P	1000298-93-9	64
3	1,4-Dioxaspiro[4.6]undec-7-ene	154	C9H14O2	007140-60-5	50
4	Phosphoric acid, tris(2-ethylhex...	434	C24H51O4P	000078-42-2	45
5	Phosphoric acid, dibutyl 3-trifl...	348	C14H28F3O4P	1000298-93-8	40





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042919\
Data File : BG040668.D
Acq On : 29 Apr 2019 19:11
Operator : JU/SJ
Sample : K2572-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

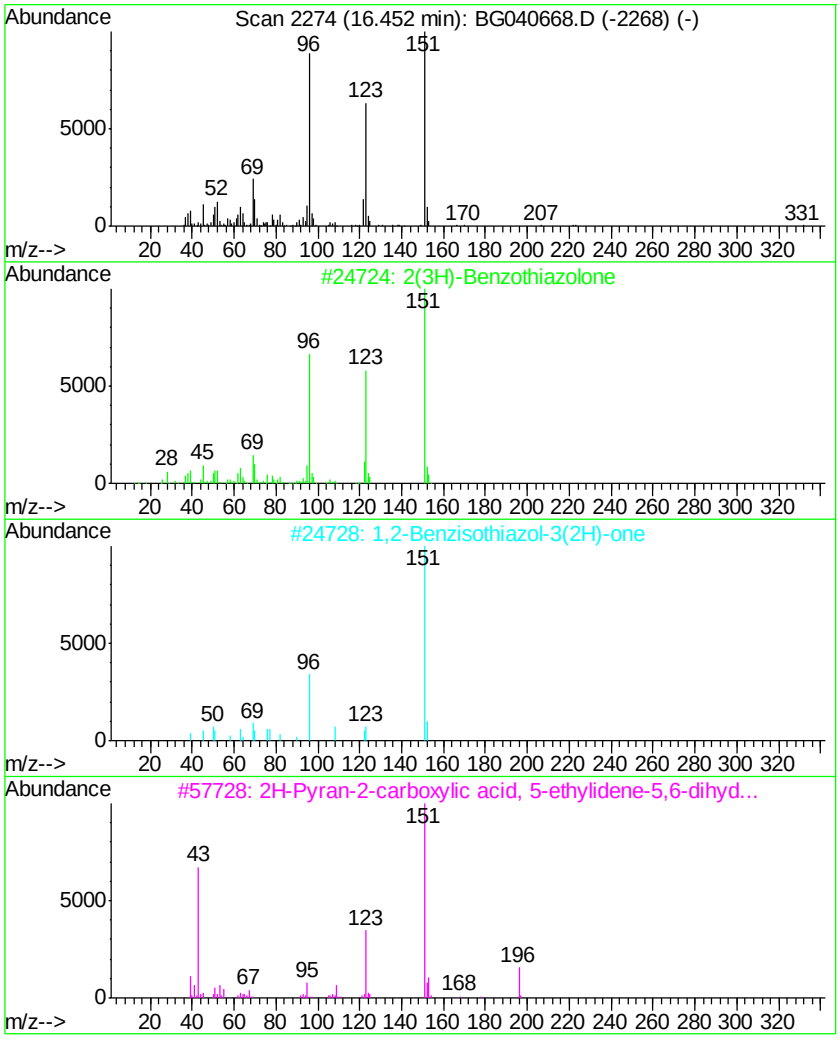
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

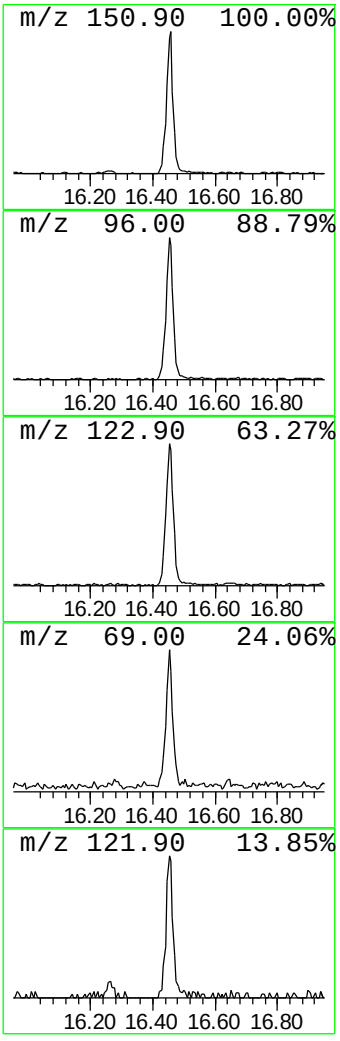
****

Peak Number 10 2(3H)-Benzothiazolone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	6.58 ng	335860	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	94
2	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	68
3	2H-Pyran-2-carboxylic acid, 5-et...	196	C10H12O4	019776-81-9	32
4	5-Cyclohexyl-1-pentene	152	C11H20	005729-54-4	30
5	RCH 108	151	C7H5NO3	002297-94-1	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042919\
Data File : BG040668.D
Acq On : 29 Apr 2019 19:11
Operator : JU/SJ
Sample : K2572-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

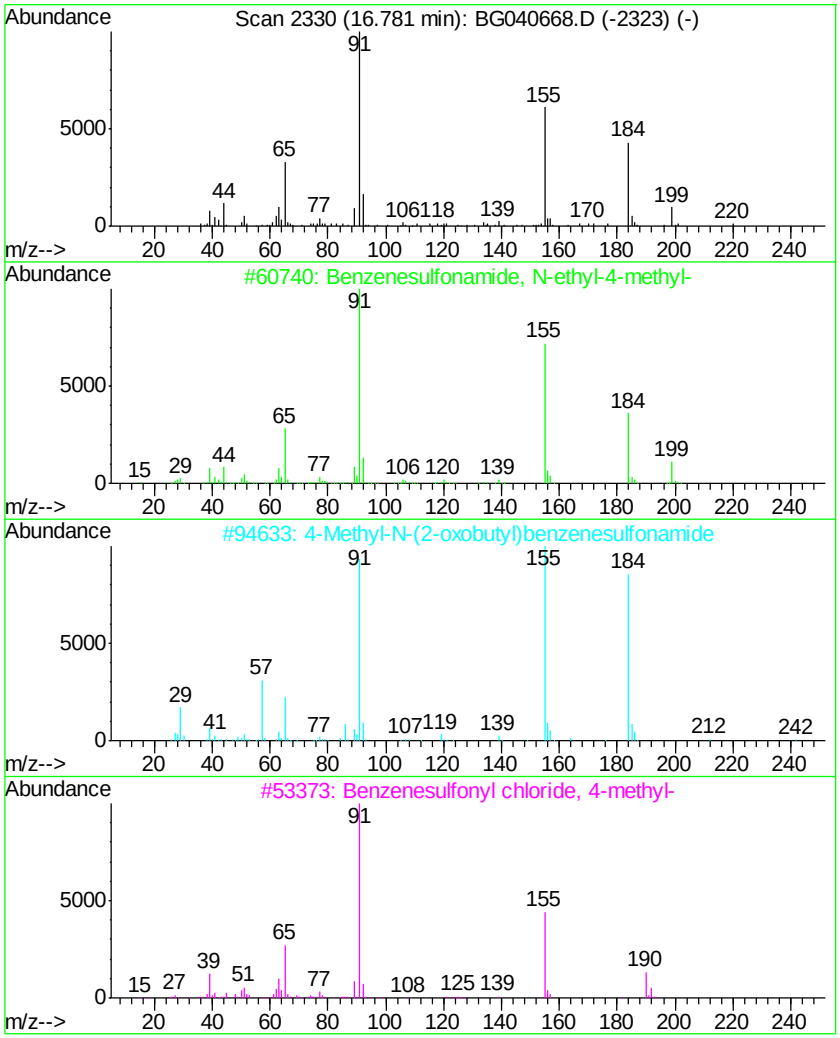
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

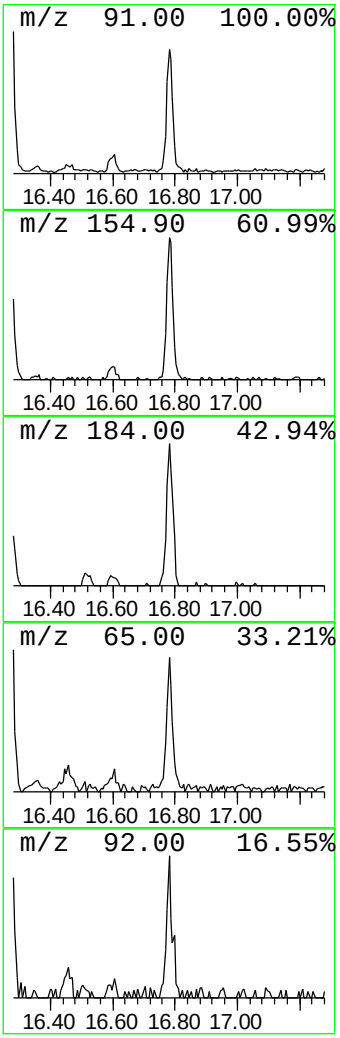
****

Peak Number 11 Benzenesulfonamide, N-ethyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	2.92 ng	149042	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	93
2	4-Methyl-N-(2-oxobutyl)benzenesu...	241	C11H15NO3S	1000192-14-5	78
3	Benzenesulfonyl chloride, 4-methyl-	190	C7H7ClO2S	000098-59-9	47
4	Pyridine-2-carbonitrile, 3,5,6-t...	375	C13H8Cl3N3O2S	255713-77-0	47
5	p-Toluenesulfonylacetonitrile	195	C9H9NO2S	005697-44-9	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042919\
Data File : BG040668.D
Acq On : 29 Apr 2019 19:11
Operator : JU/SJ
Sample : K2572-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

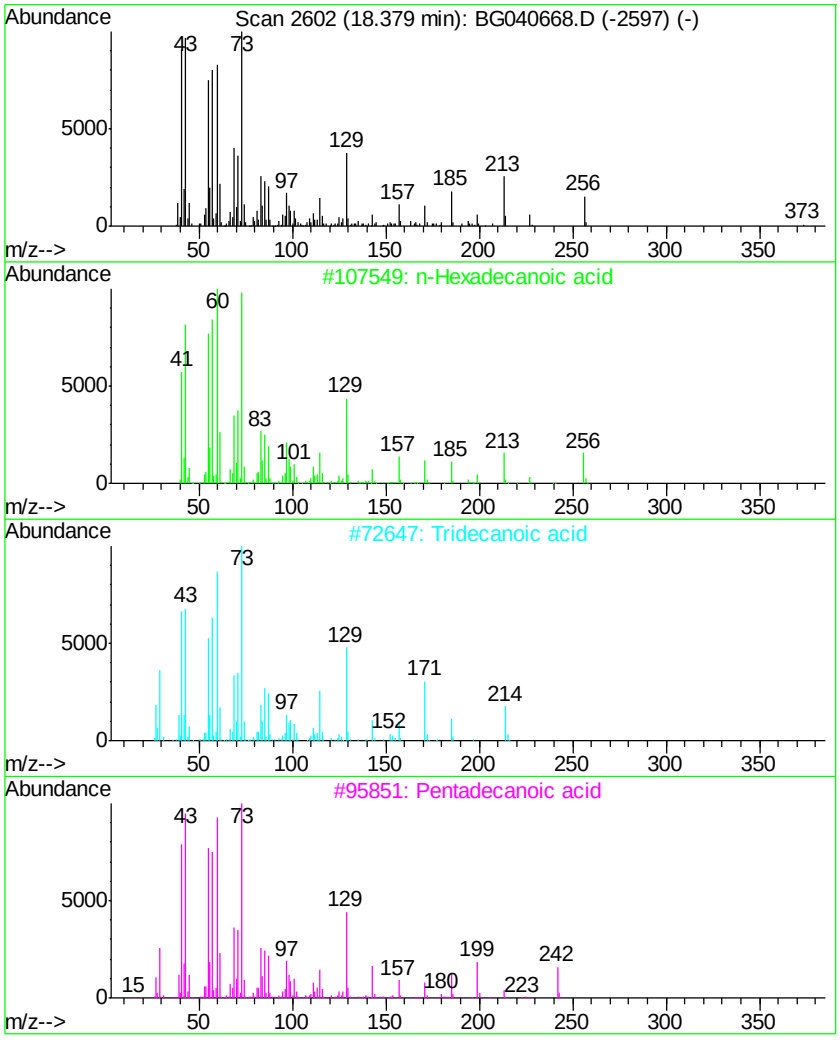
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

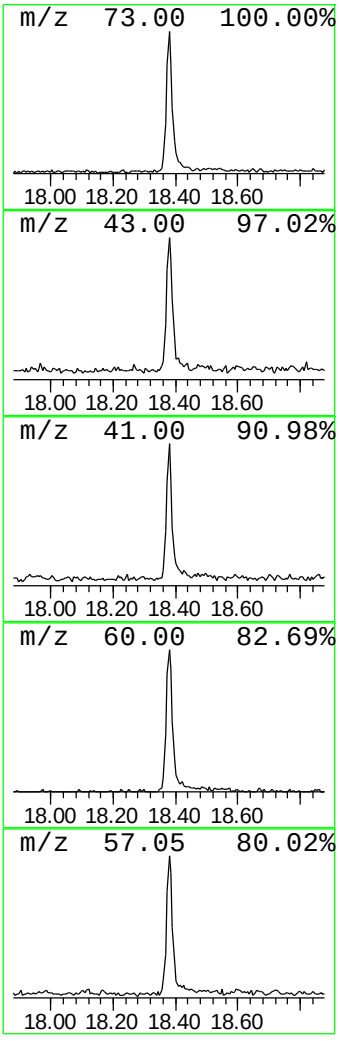
****

Peak Number 12 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	6.55 ng	334507	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





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Acq On : 29 Apr 2019 19:11
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Sample : K2572-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.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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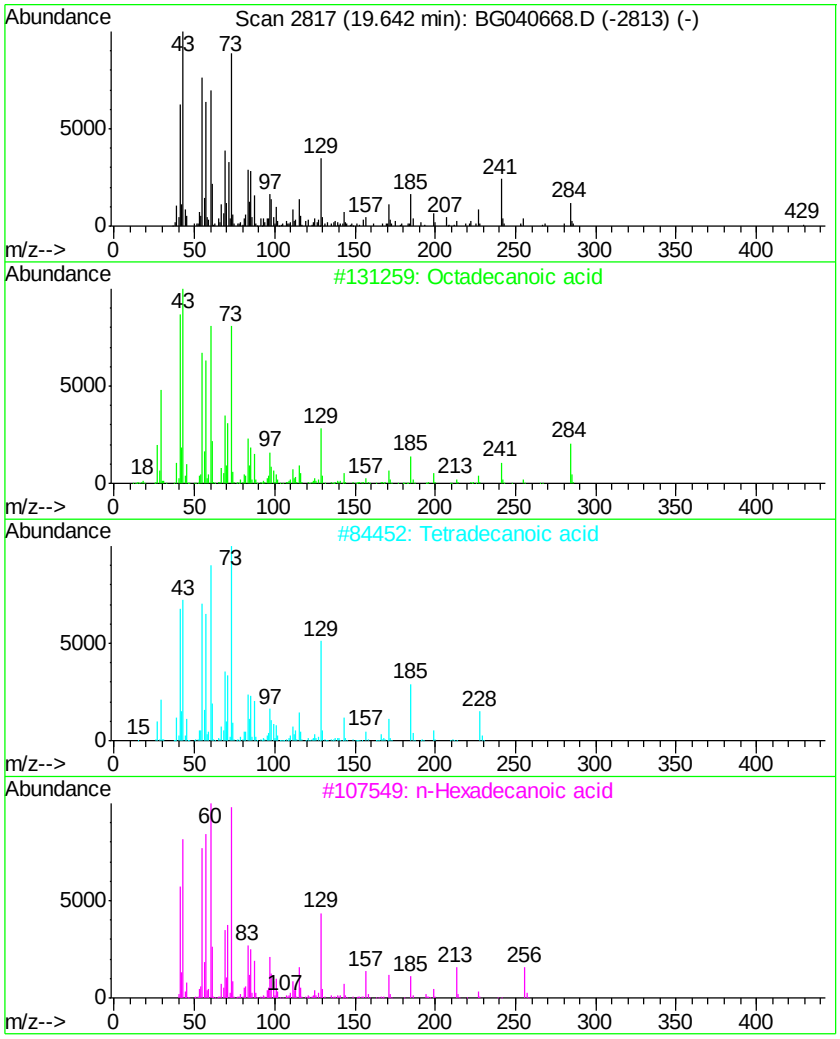
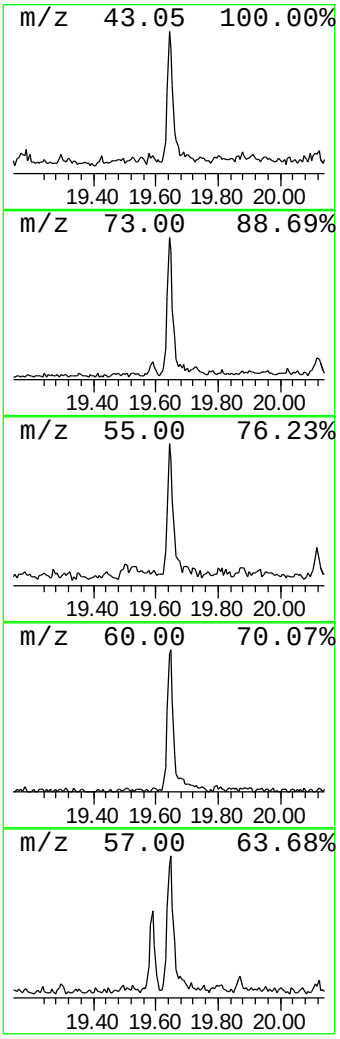
Peak Number 13 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	5.33 ng	272293	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	55
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53





Library Search Compound Report

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Data File : BG040668.D
Acq On : 29 Apr 2019 19:11
Operator : JU/SJ
Sample : K2572-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.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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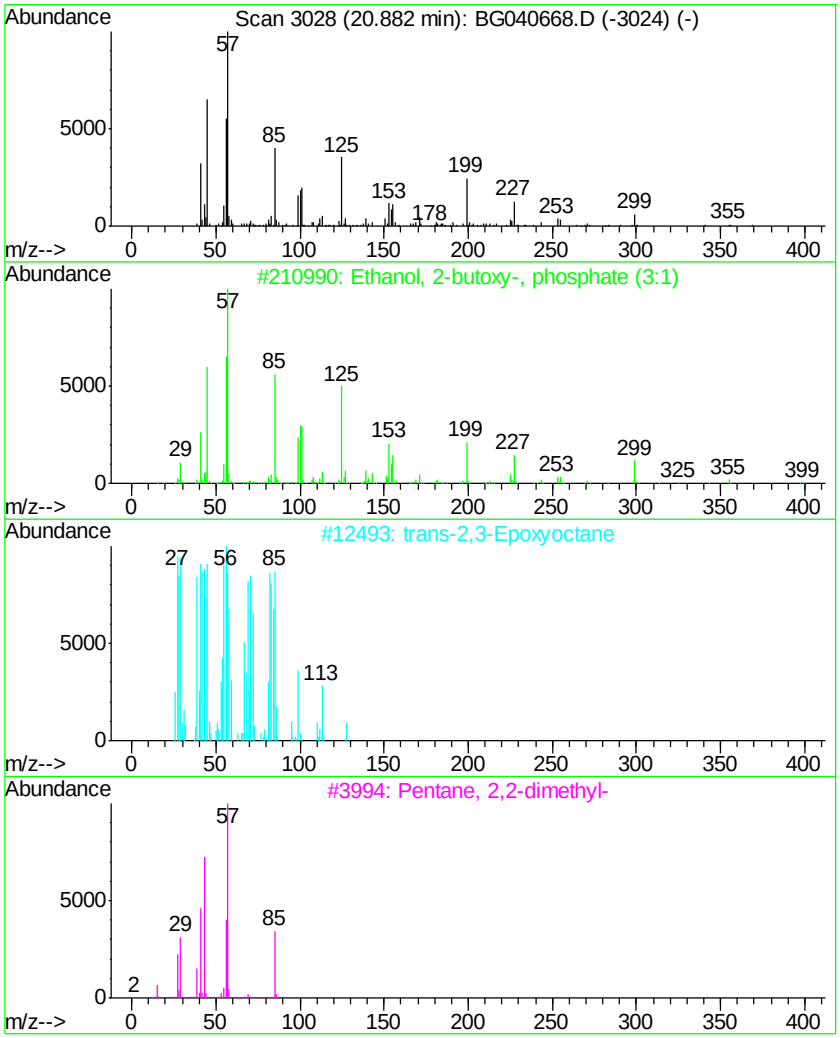
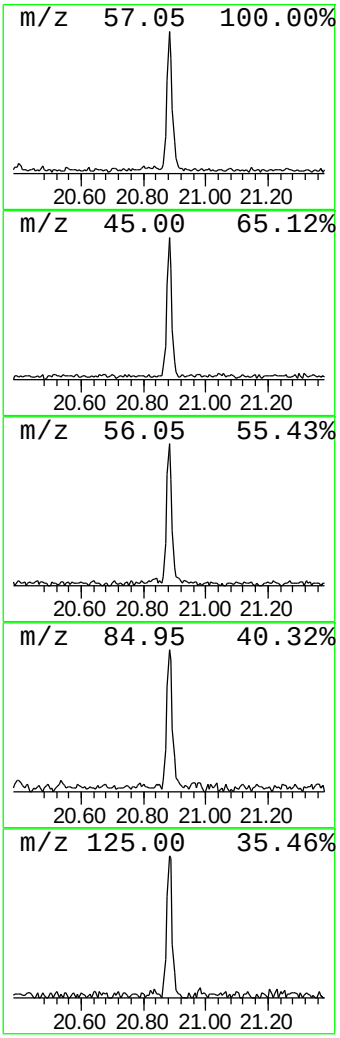
Peak Number 14 Ethanol, 2-butoxy-, phospha... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	3.17 ng	187673	Chrysene-d12	21.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	86
2	trans-2,3-Epoxyoctane	128	C8H16O	028180-70-3	43
3	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	22
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	22
5	Propane, 2-(chloromethyl)-1,3-di...	166	C7H15ClO2	020637-37-0	12





Library Search Compound Report

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Data File : BG040668.D
Acq On : 29 Apr 2019 19:11
Operator : JU/SJ
Sample : K2572-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.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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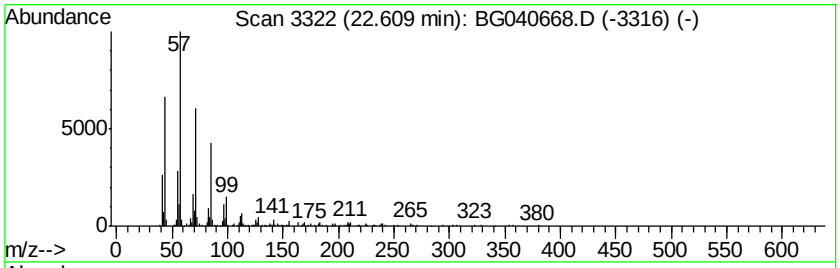
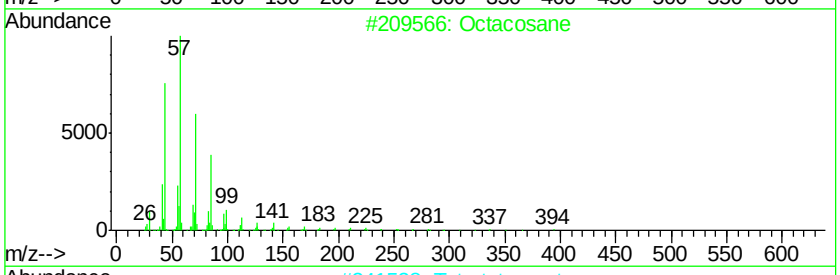
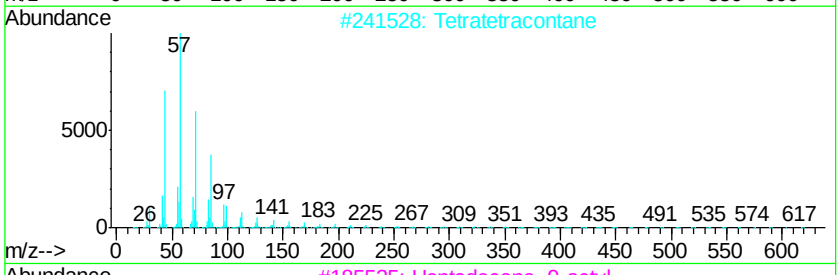
Peak Number 15 Octacosane Concentration Rank 12

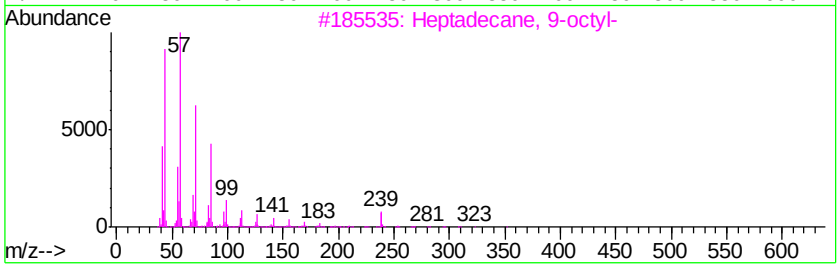
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.61	4.16 ng	246966	Chrysene-d12	21.81

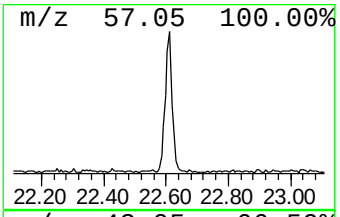
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87
5	Tetracosane	338	C24H50	000646-31-1	87

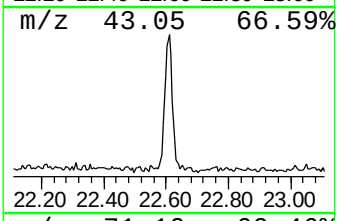


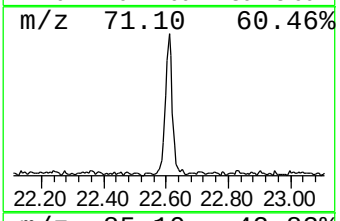


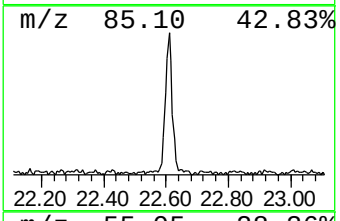


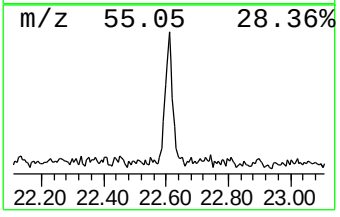












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042919\
Data File : BG040668.D
Acq On : 29 Apr 2019 19:11
Operator : JU/SJ
Sample : K2572-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

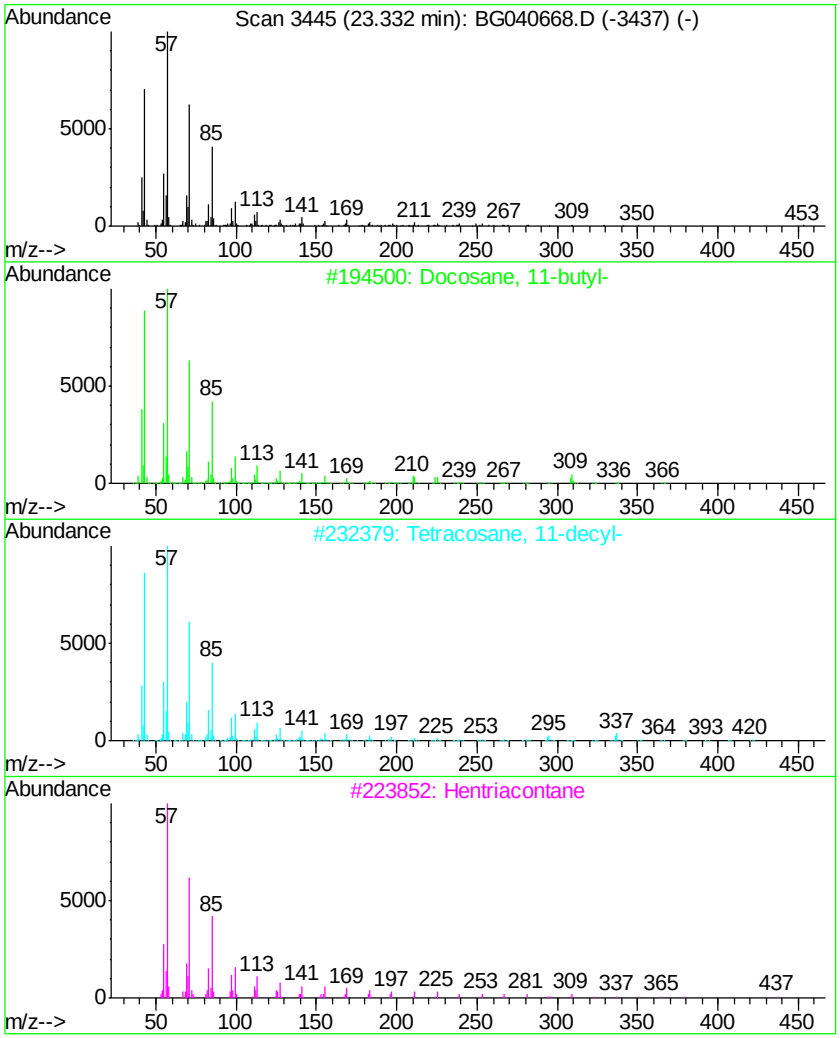
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

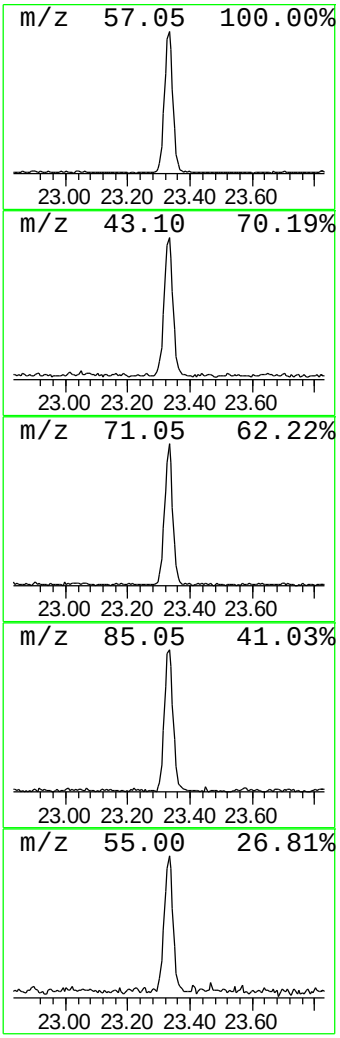
****

Peak Number 16 Docosane, 11-butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.33	7.53 ng	446476	Chrysene-d12	21.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
2	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5	Docosane, 11-decyl-	451	C32H66	055401-55-3	91





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Operator : JU/SJ
Sample : K2572-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

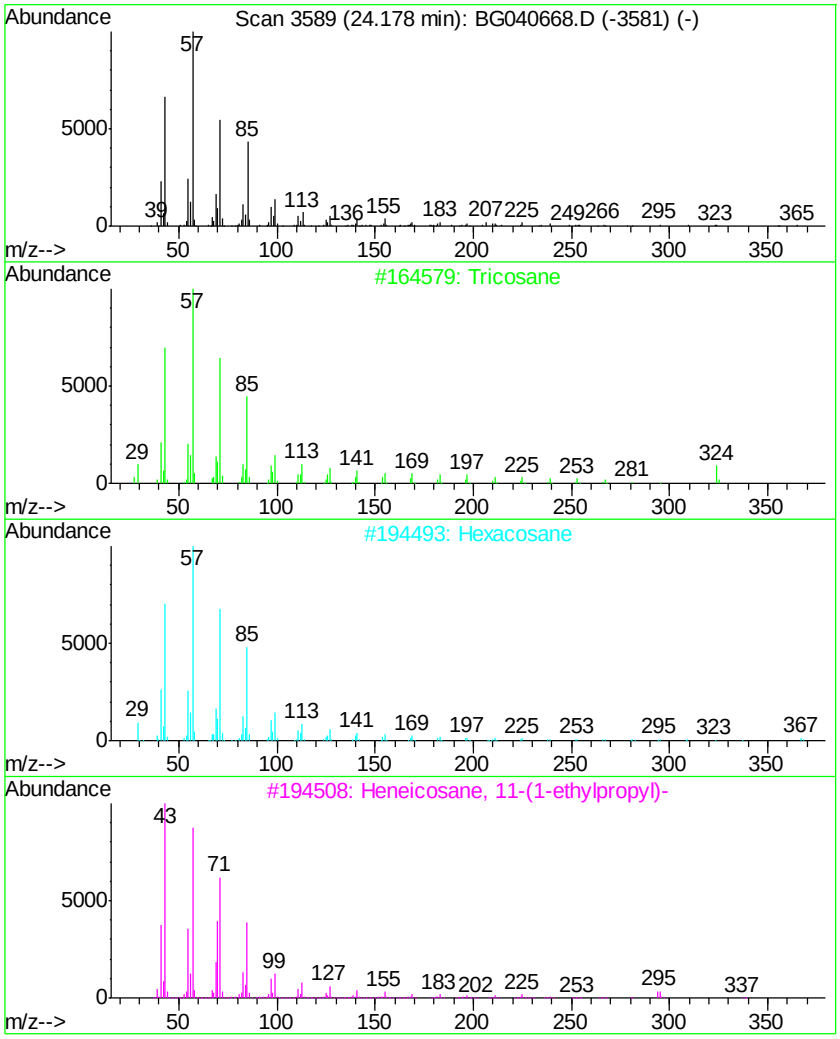
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

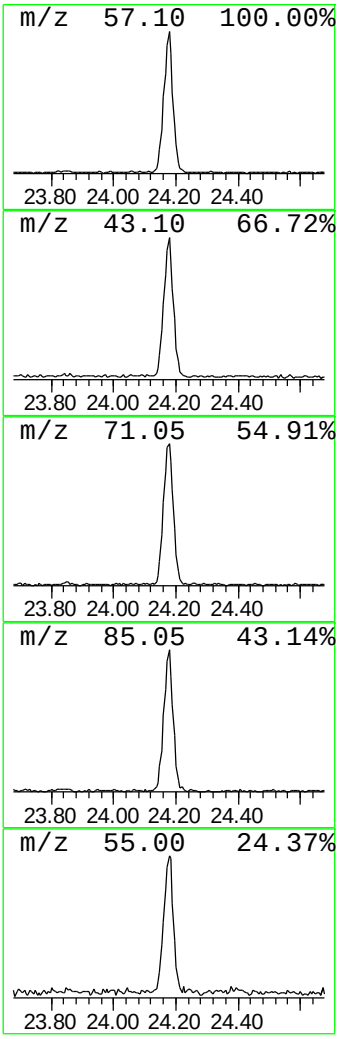
****

Peak Number 17 Tricosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.18	6.59 ng	545516	Perylene-d12	25.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	94
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Acq On : 29 Apr 2019 19:11
Operator : JU/SJ
Sample : K2572-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

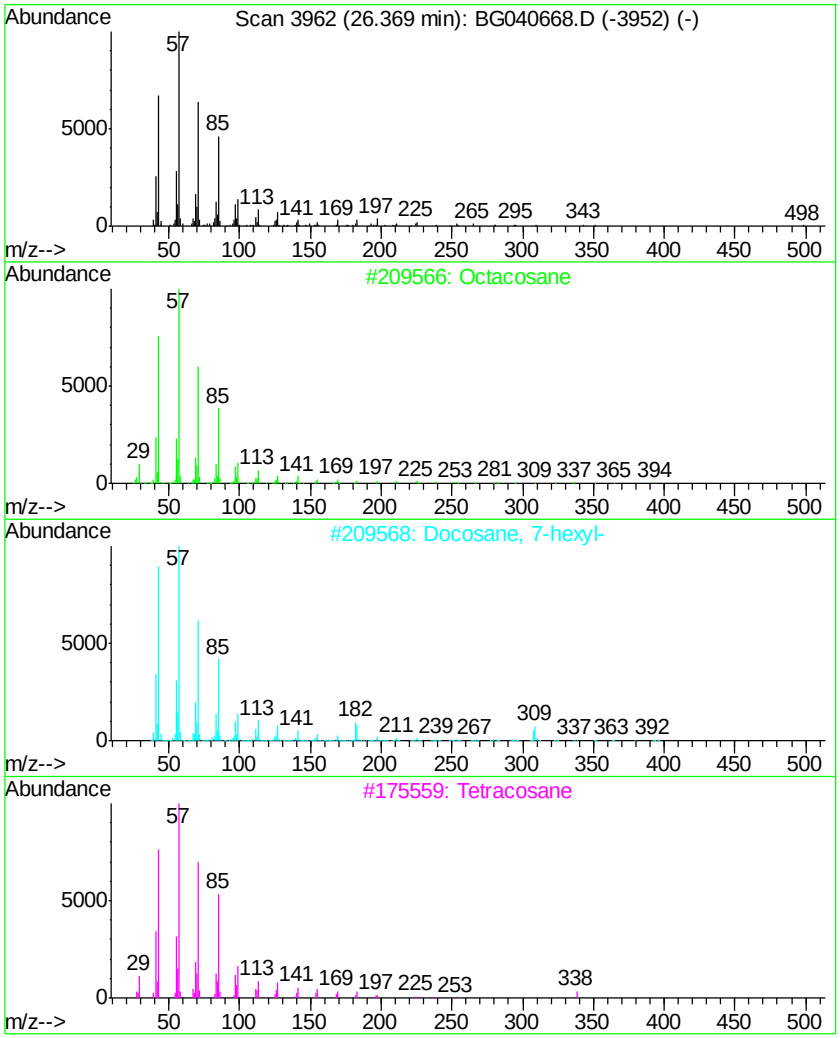
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

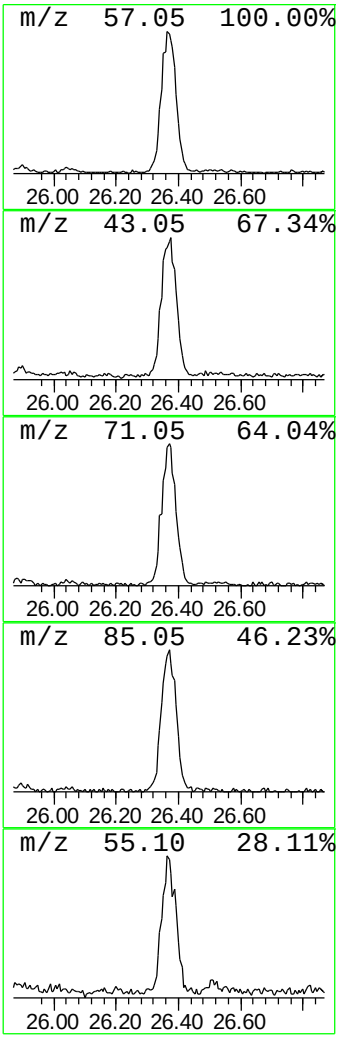
****

Peak Number 18 Docosane, 7-hexyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.37	5.82 ng	481758	Perylene-d12	25.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Docosane, 7-hexyl-	394	C28H58	055373-86-9	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
5	Heptacosane	380	C27H56	000593-49-7	87





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Acq On : 29 Apr 2019 19:11
Operator : JU/SJ
Sample : K2572-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.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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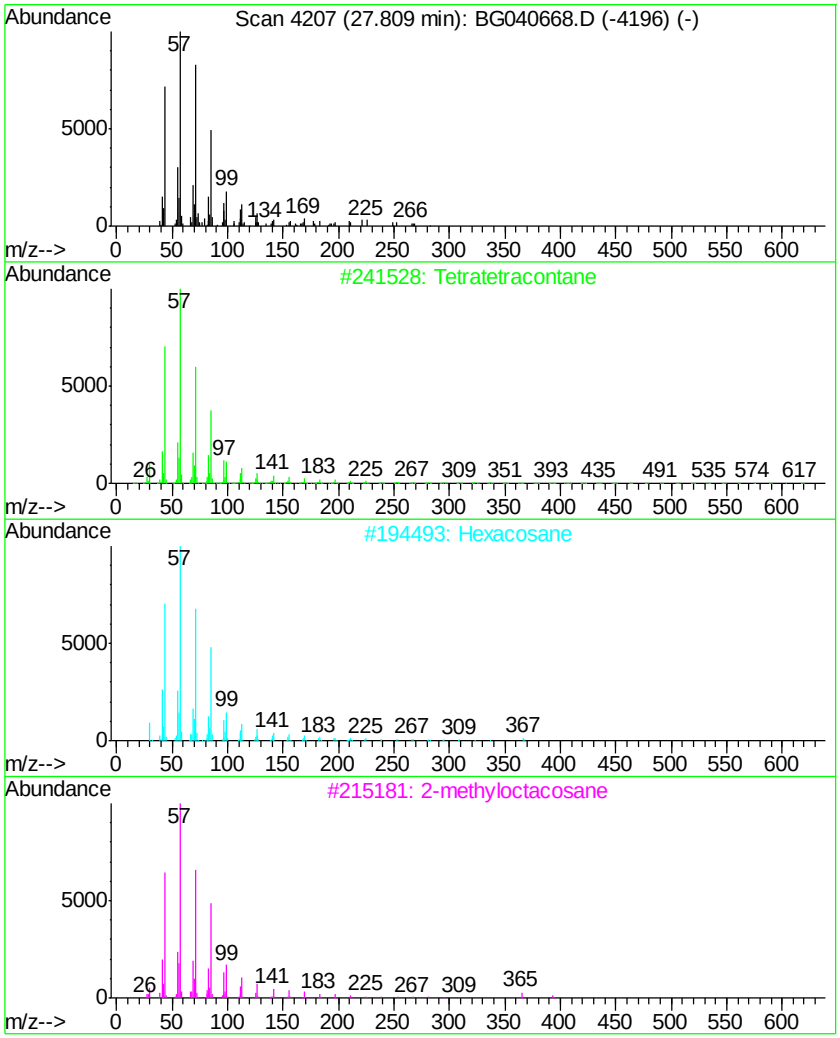
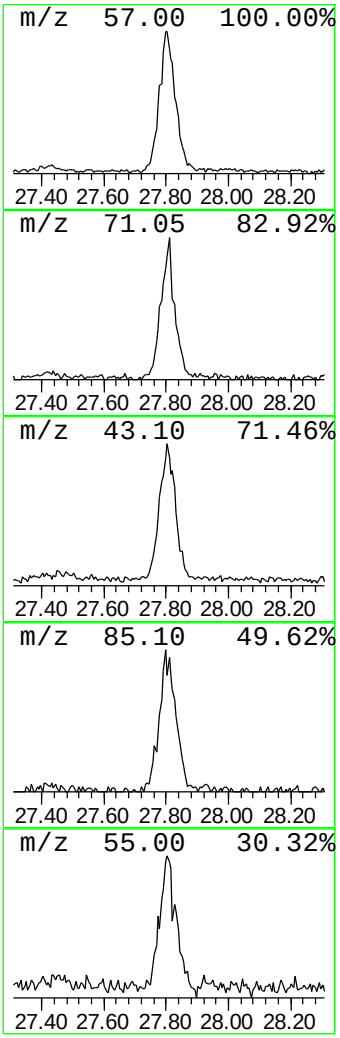
Peak Number 19 Tetratetracontane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.81	3.48 ng	288010	Perylene-d12	25.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Heptacosane	380	C27H56	000593-49-7	90
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042919\
Data File : BG040668.D
Acq On : 29 Apr 2019 19:11
Operator : JU/SJ
Sample : K2572-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-6

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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
1-Hexene, 3,4-dim...	3.16	40.5	ng	786148	1	8.15	387846	20.0
Butane, 2-methoxy...	3.24	8.1	ng	157165	1	8.15	387846	20.0
unknown5.22	5.22	2.9	ng	56894	1	8.15	387846	20.0
unknown7.67	7.67	60.9	ng	1181160	1	8.15	387846	20.0
Phenol, p-tert-bu...	12.28	2.4	ng	61805	2	10.98	507461	20.0
Diethyltoluamide	15.50	3.5	ng	135329	3	14.78	776616	20.0
Tributyl phosphate	15.96	3.7	ng	144644	3	14.78	776616	20.0
2(3H)-Benzothiazo...	16.45	6.6	ng	335860	4	17.52	1021070	20.0
Benzenesulfonamid...	16.78	2.9	ng	149042	4	17.52	1021070	20.0
n-Hexadecanoic acid	18.38	6.5	ng	334507	4	17.52	1021070	20.0
Octadecanoic acid	19.64	5.3	ng	272293	4	17.52	1021070	20.0
Ethanol, 2-butoxy...	20.88	3.2	ng	187673	5	21.81	1185910	20.0
Octacosane	22.61	4.2	ng	246966	5	21.81	1185910	20.0
Docosane, 11-butyl-	23.33	7.5	ng	446476	5	21.81	1185910	20.0
Tricosane	24.18	6.6	ng	545516	6	25.18	1656190	20.0
Docosane, 7-hexyl-	26.37	5.8	ng	481758	6	25.18	1656190	20.0
Tetratetracontane	27.81	3.5	ng	288010	6	25.18	1656190	20.0