LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107805.D
Acq On : 30 Jul 2018 17:40
Operator : JU/SJ
Sample : J4188-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HA-BASELINEWATER-N48971

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_F\METHODS\8270-BF073018.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	5.189	481	485	501	rVB	189205	237452	4.55%	0.663%
2	5.595	551	554	576	rBV	780125	1430636	27.41%	3.992%
3	6.601	722	725	744	rBV	378202	1038238	19.89%	2.897%
4	6.736	744	748	770	rVV	2415870	3410290	65.34%	9.516%
5	6.960	783	786	793	rBV	463079	656341	12.57%	1.831%
6	7.113	808	812	825	rBV	2928203	3331457	63.83%	9.296%
7	7.525	879	882	906	rBV	1663903	2726205	52.23%	7.607%
8	7.742	916	919	925	rVB2	39833	55935	1.07%	0.156%
9	8.242	1000	1004	1019	rBV	805023	1083944	20.77%	3.025%
10	9.313	1181	1186	1202	rBV	4283875	5219478	100.00%	14.565%
11	9.707	1250	1253	1256	rBV	92830	98651	1.89%	0.275%
12	9.766	1260	1263	1267	rBV	58609	71626	1.37%	0.200%
13	9.924	1286	1290	1292	rBV	52206	54430	1.04%	0.152%
14	10.001	1299	1303	1315	rVB	1080695	1211071	23.20%	3.379%
15	10.260	1344	1347	1353	rBV	106510	147255	2.82%	0.411%
16	10.407	1369	1372	1374	rBV	56809	52521	1.01%	0.147%
17	10.613	1404	1407	1412	rBV	439342	355524	6.81%	0.992%
18	10.795	1434	1438	1452	rBV	2581064	3512034	67.29%	9.800%
19	11.471	1551	1553	1554	rBV	129086	105408	2.02%	0.294%
20	11.495	1554	1557	1566	rVV	1093980	1366031	26.17%	3.812%
21	11.566	1567	1569	1575	rVB	105448	117384	2.25%	0.328%
22	11.683	1586	1589	1592	rBV	152750	130996	2.51%	0.366%
23	11.854	1616	1618	1621	rVB	138855	119129	2.28%	0.332%
24	11.930	1628	1631	1633	rBV	82968	76850	1.47%	0.214%
25	12.001	1640	1643	1652	rBV3	338211	437714	8.39%	1.221%
26	12.271	1687	1689	1692	rBV2	56324	54296	1.04%	0.152%
27	12.965	1804	1807	1813	rBV	154661	176961	3.39%	0.494%
28	13.083	1822	1827	1838	rBV	4460342	4958682	95.00%	13.837%
29	13.618	1916	1918	1921	rVB2	75687	57097	1.09%	0.159%
30	13.948	1971	1974	1981	rVB3	180152	225291	4.32%	0.629%
31	14.148	2004	2008	2016	rVB	902505	1116066	21.38%	3.114%
32	14.307	2032	2035	2037	rBV	66008	67243	1.29%	0.188%
33	14.759	2109	2112	2118	rVB	81356	121022	2.32%	0.338%
34	14.977	2145	2149	2154	rVB	586796	616894	11.82%	1.721%

LSC Area Percent Report

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Acq On : 30 Jul 2018 17:40
Operator : JU/SJ
Sample : J4188-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HA-BASELINEWATER-N48971

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_F\METHODS\8270-BF073018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.195	2183	2186	2191	rVV	62836	85181	1.63%	0.238%
36	15.248	2192	2195	2199	rVB	57443	66938	1.28%	0.187%
37	15.677	2263	2268	2287	rVB2	576005	1124935	21.55%	3.139%
38	16.106	2337	2341	2346	rVB2	45928	62856	1.20%	0.175%
39	16.400	2387	2391	2399	rBV4	28378	56693	1.09%	0.158%

Sum of corrected areas: 35836755

LSC Report - Integrated Chromatogram

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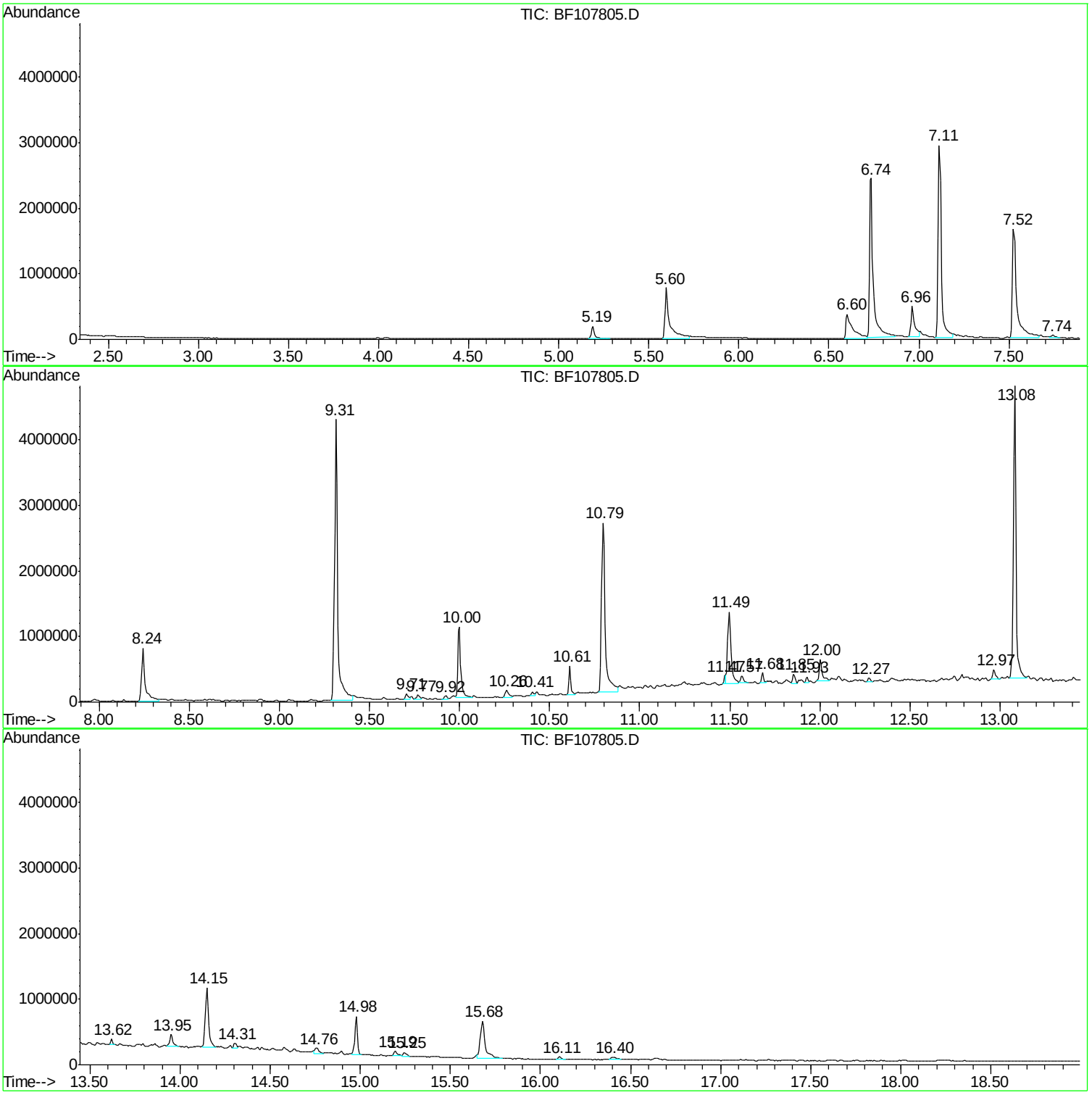
Acq On : 30 Jul 2018 17:40
Operator : JU/SJ
Sample : J4188-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HA-BASELINEWATER-N48971

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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

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Data File : BF107805.D
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Operator : JU/SJ
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HA-BASELINEWATER-N48971

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

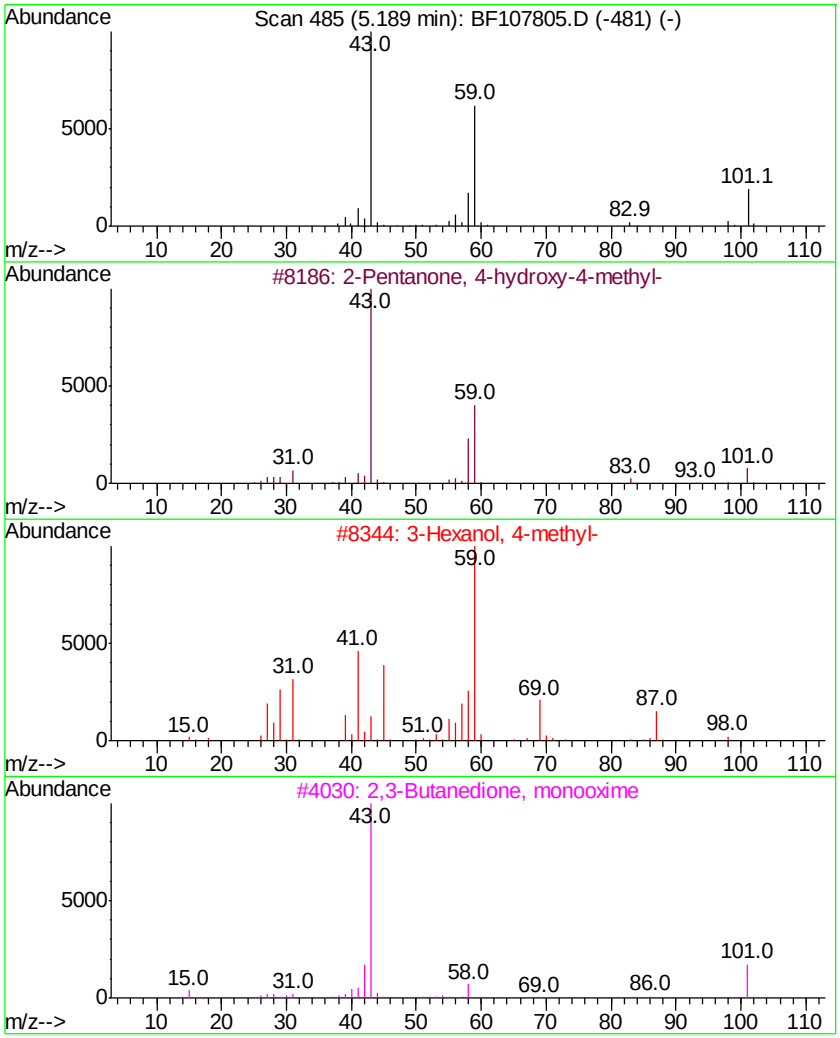
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

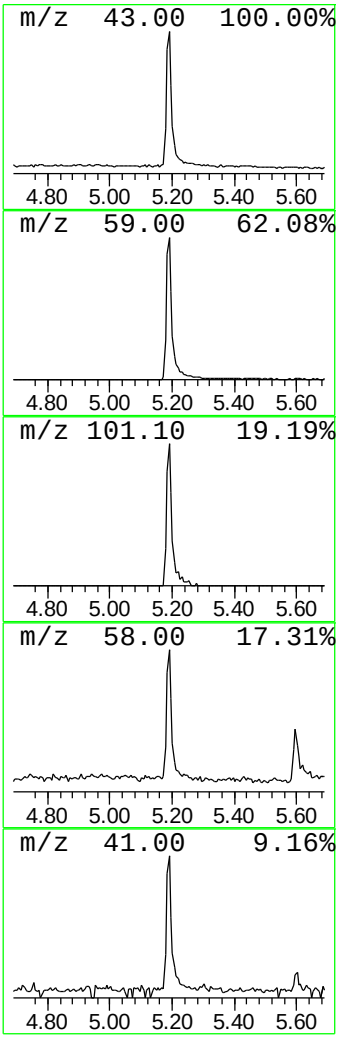
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	7.24 ng	237452	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107805.D
Acq On : 30 Jul 2018 17:40
Operator : JU/SJ
Sample : J4188-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HA-BASELINEWATER-N48971

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

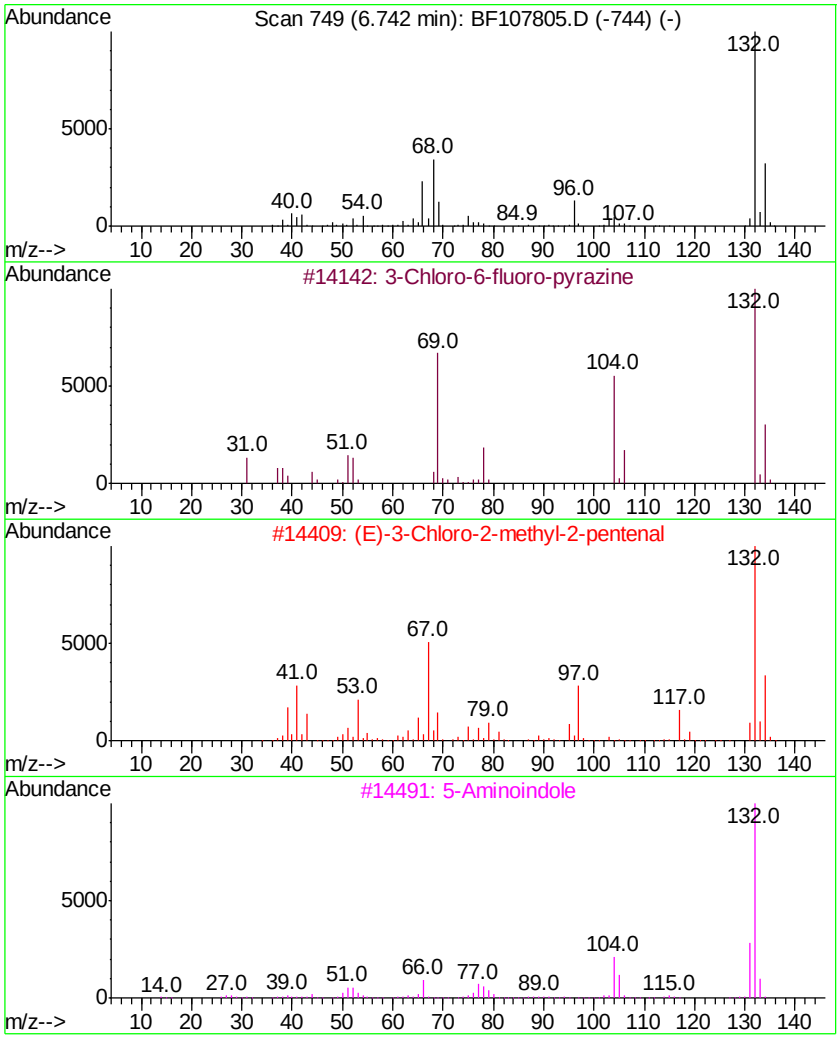
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

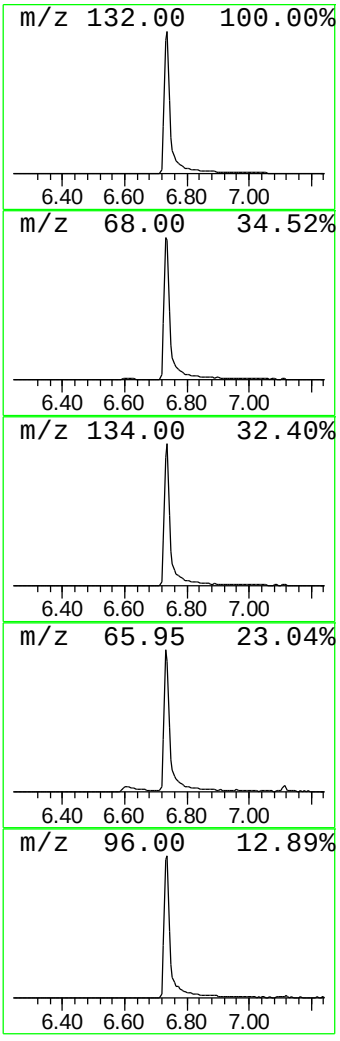
****

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	103.92 ng	3410290	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107805.D
Acq On : 30 Jul 2018 17:40
Operator : JU/SJ
Sample : J4188-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HA-BASELINEWATER-N48971

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

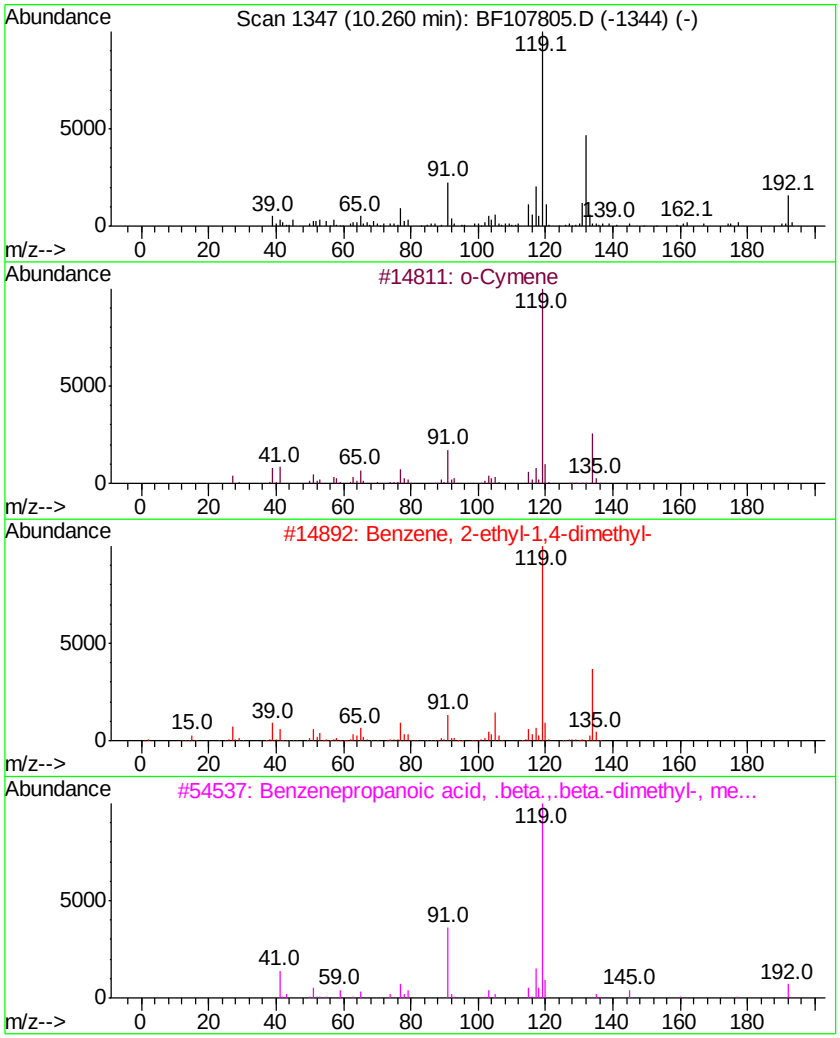
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

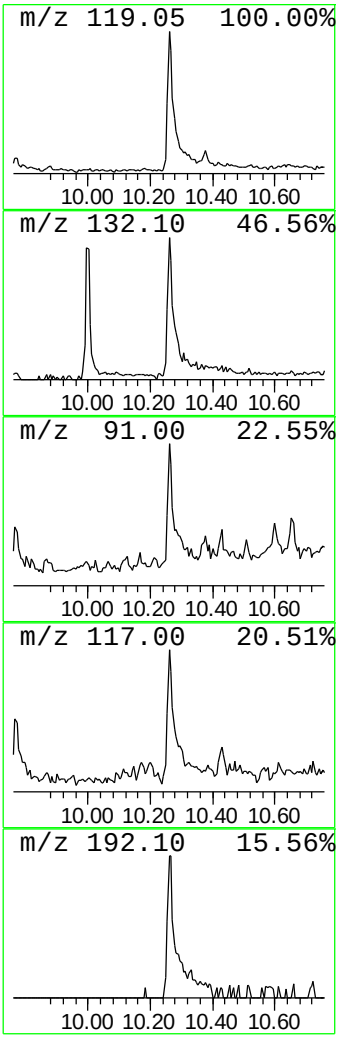
****

Peak Number 4 unknown10.26 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	2.43 ng	147255	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	49
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	47
3	Benzenepropanoic acid, .beta.,.b...	192	C12H16O2	025080-84-6	47
4	p-Cymene	134	C10H14	000099-87-6	43
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
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Operator : JU/SJ
Sample : J4188-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HA-BASELINEWATER-N48971

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

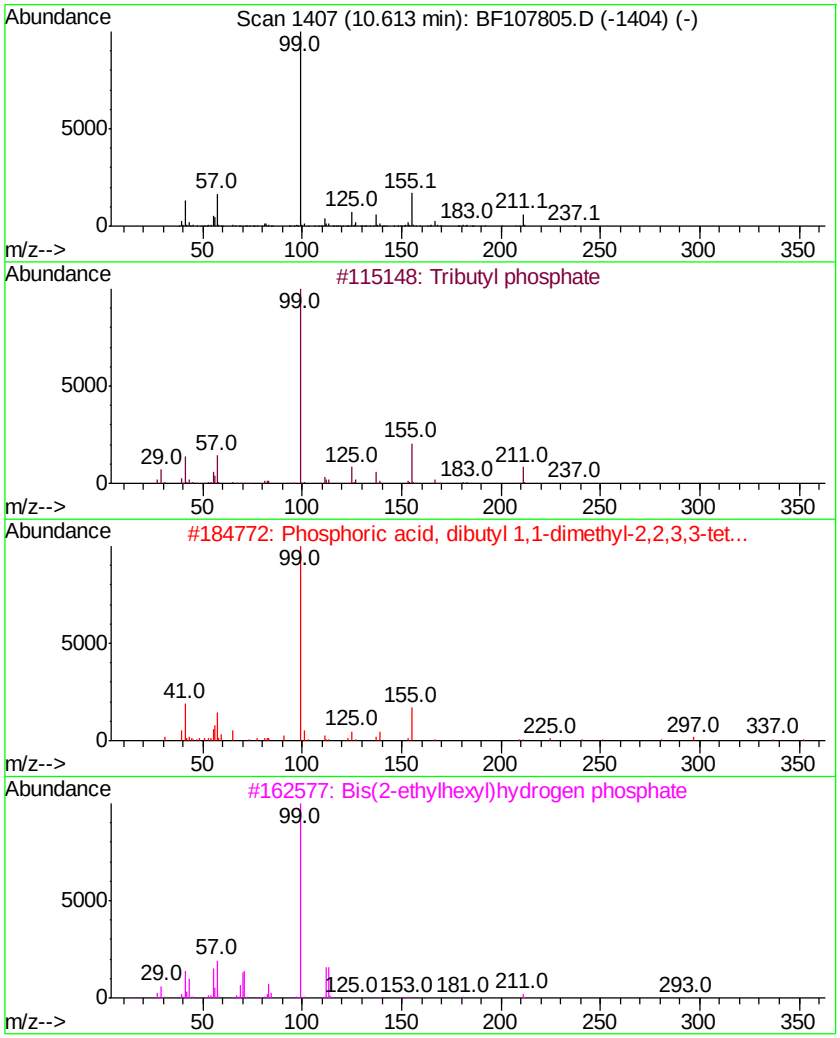
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

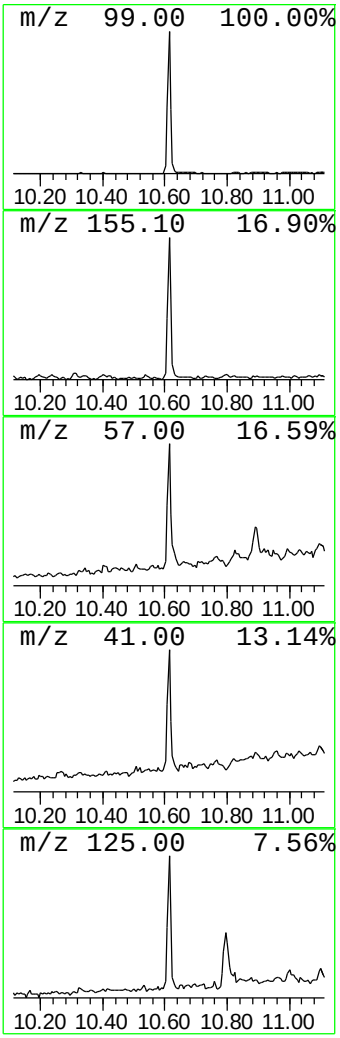
****

Peak Number 5 Tributyl phosphate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	5.87 ng	355524	Acenaphthene-d10	10.00

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	72
3	Bis(2-ethylhexyl)hydrogen phosphate	322	C16H35O4P	000298-07-7	36
4	3-Hydroxy-2,3,4,4-tetramethyl-pe...	202	C11H22O3	1000194-64-5	28
5	2H-Pyran-2-one, tetrahydro-6-octyl-	212	C13H24O2	007370-92-5	9





Library Search Compound Report

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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HA-BASELINEWATER-N48971

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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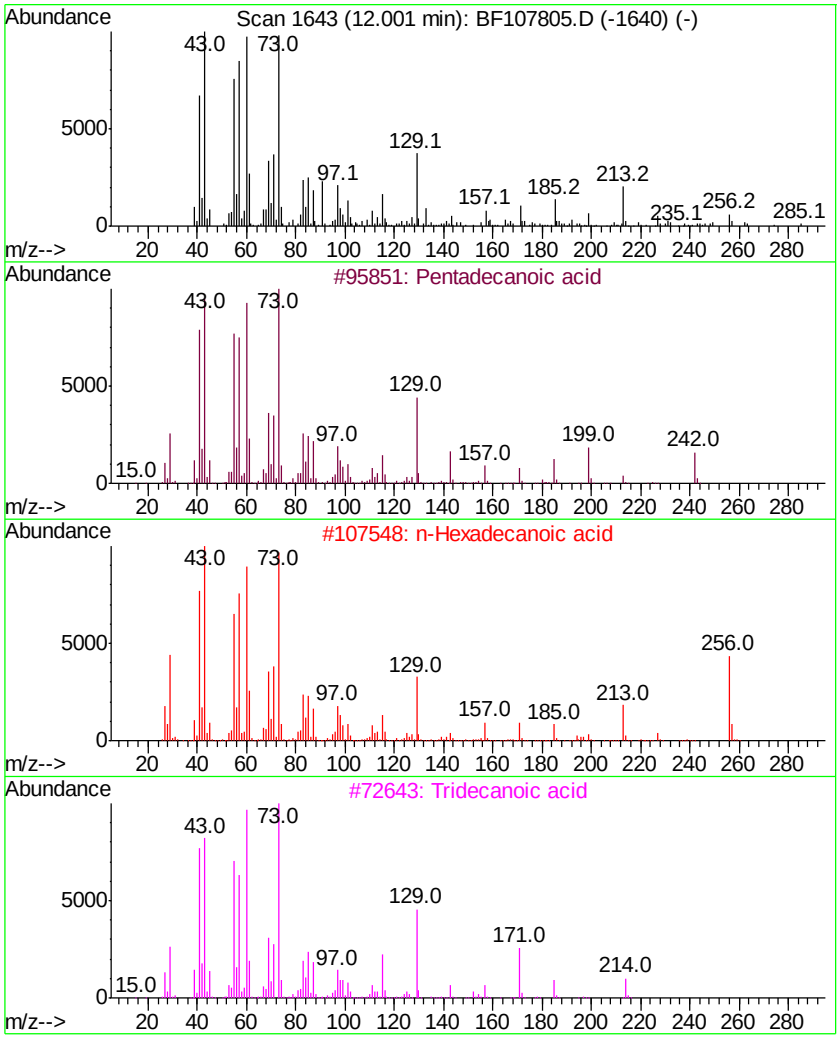
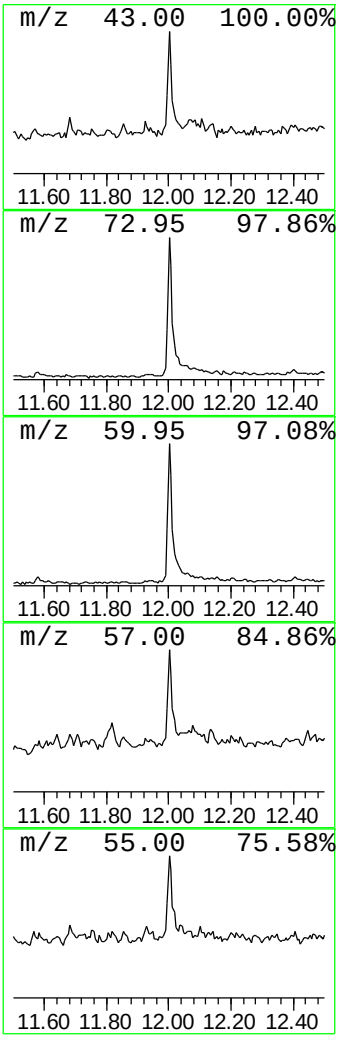
****

Peak Number 6 Pentadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	6.41 ng	437714	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





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Instrument : BNA_F
ClientSampleId : HA-BASELINEWATER-N48971

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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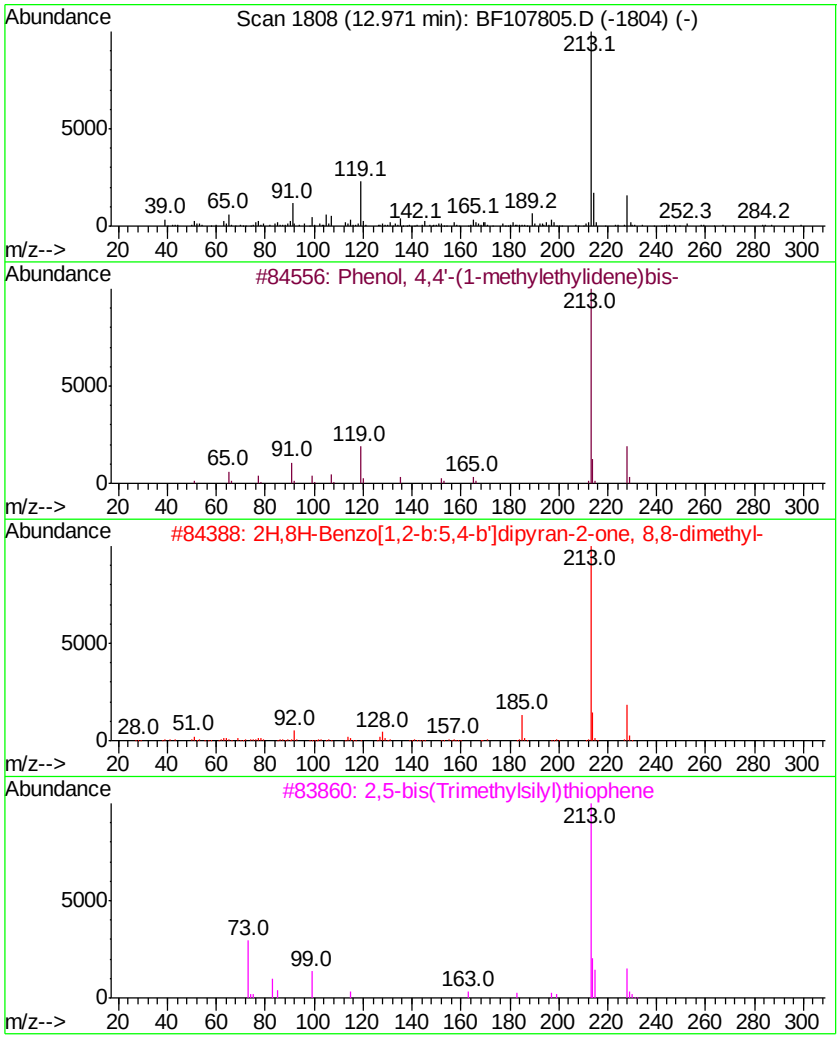
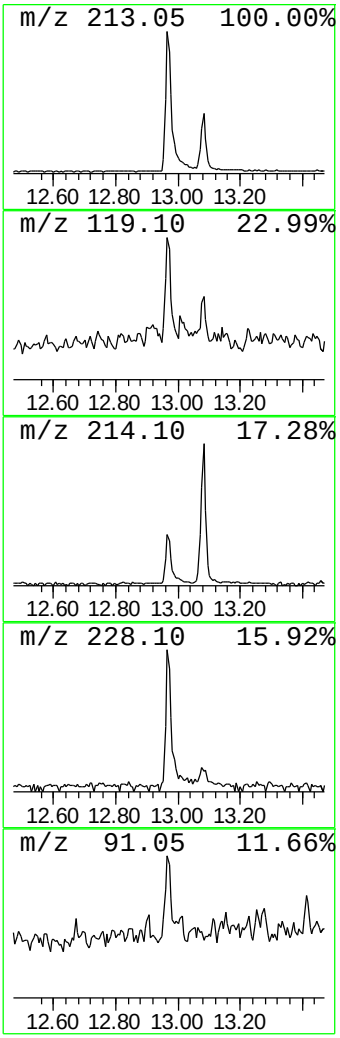
Peak Number 7 Phenol, 4,4'-(1-methylethyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	3.17 ng	176961	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
2	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	58
3	2,5-bis(Trimethylsilyl)thiophene	228	C10H20SSi2	017906-71-7	53
4	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	50
5	Diphenolic acid	286	C17H18O4	000126-00-1	45





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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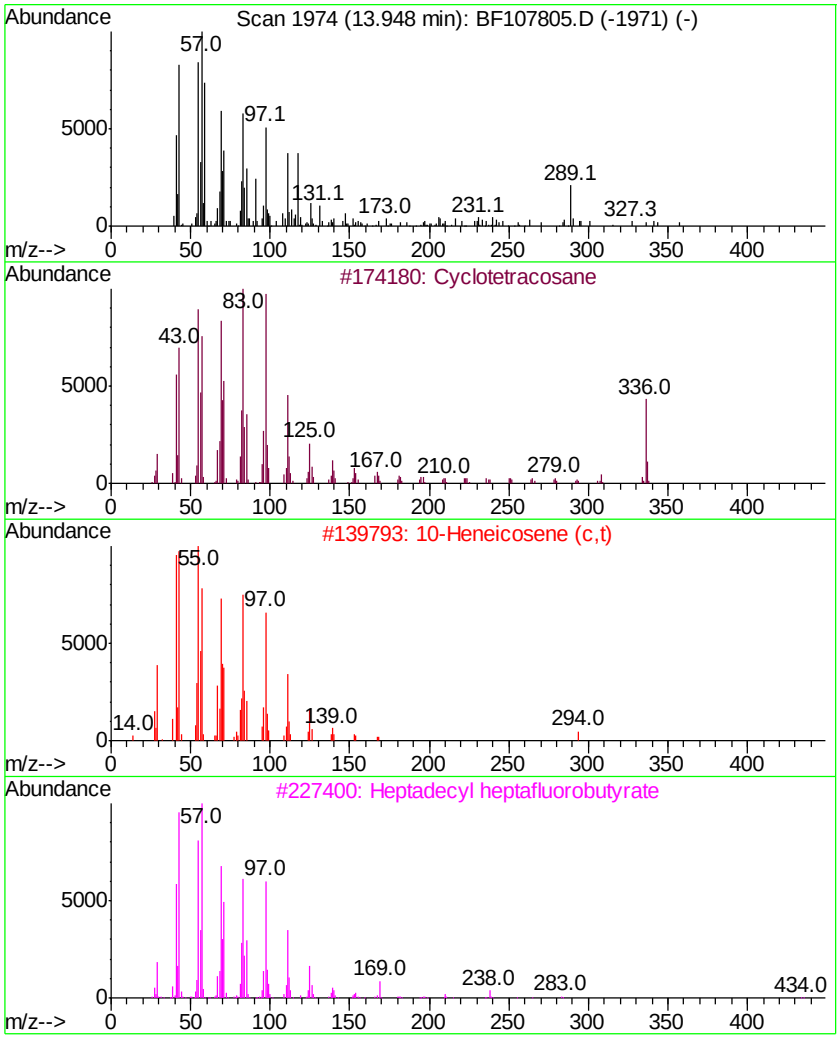
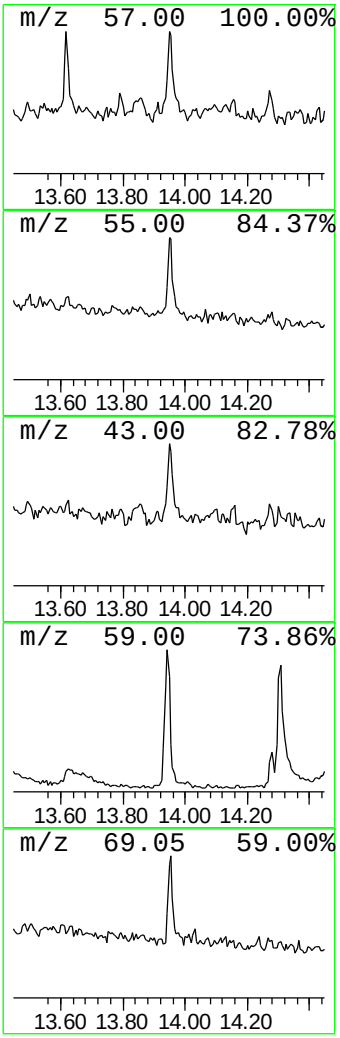
Peak Number 8 Cyclotetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	4.04 ng	225291	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	95
2	10-Heneicosene (c,t)	294	C21H42	095008-11-0	64
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	53
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	53
5	1-Docosene	308	C22H44	001599-67-3	50





Library Search Compound Report

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Operator : JU/SJ
Sample : J4188-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HA-BASELINEWATER-N48971

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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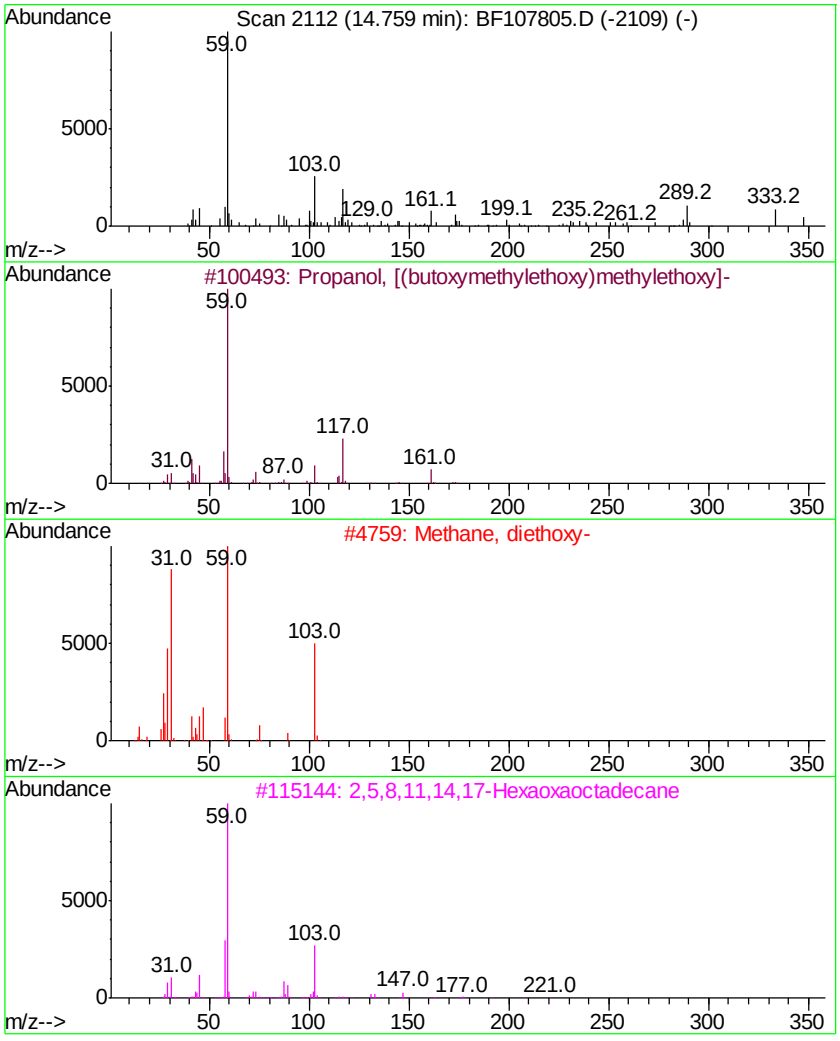
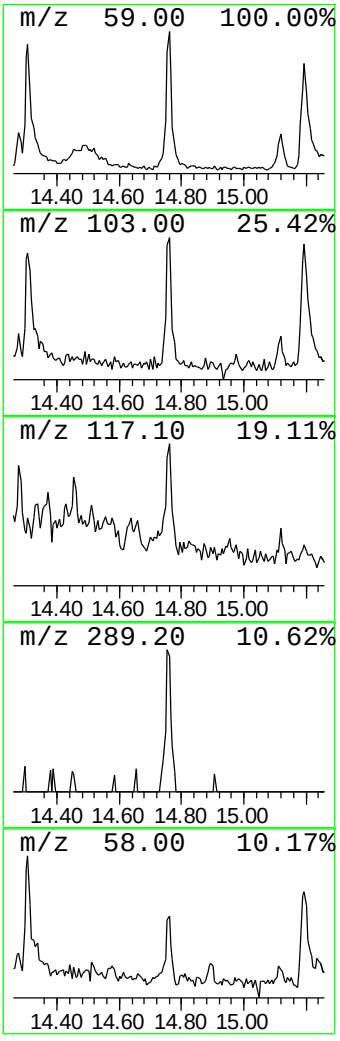
Peak Number 9 Propanol, [(butoxymethyleth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	2.17 ng	121022	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanol, [(butoxymethylethoxy)m...	248	C13H28O4	055934-93-5	53
2	Methane, diethoxy-	104	C5H12O2	000462-95-3	50
3	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	50
4	3-Hydroxy-3-methyl-butyric acid,...	132	C5H12N2O2	1000193-80-2	50
5	Tri(propylene glycol) propyl ether	234	C12H26O4	096077-04-2	42





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Sample : J4188-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HA-BASELINEWATER-N48971

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

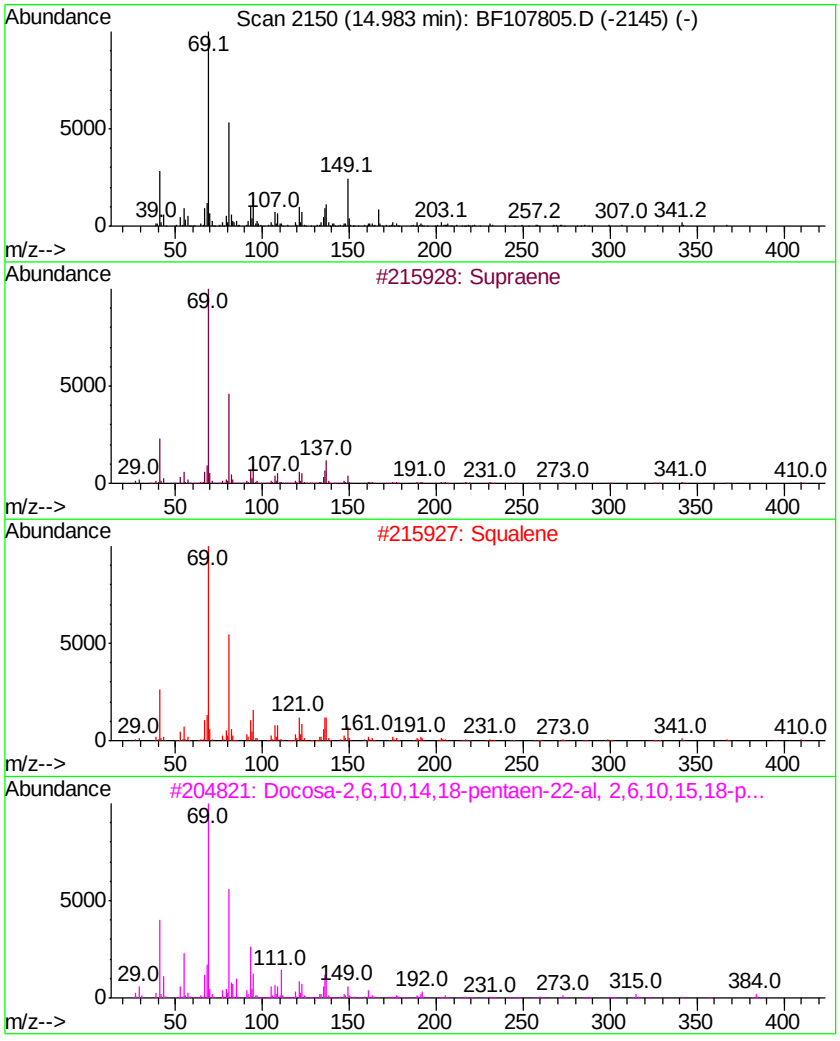
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

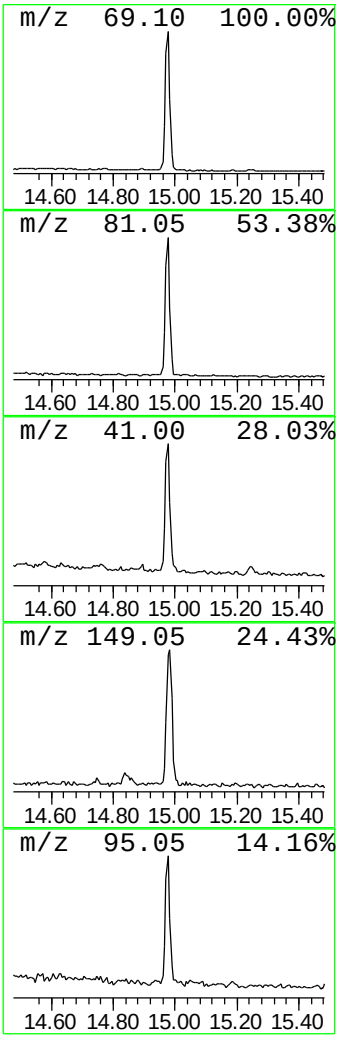
****

Peak Number 10 Supraene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	10.97 ng	616894	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	91
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	90
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	59
5	Trideca-1,7,11-triene-1,1-dicarb...	270	C18H26N2	1000161-46-0	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073018\
Data File : BF107805.D
Acq On : 30 Jul 2018 17:40
Operator : JU/SJ
Sample : J4188-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HA-BASELINEWATER-N48971

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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
2-Pentanone, 4-hy...	5.19	7.2	ng	237452	1	6.96	656341	20.0
unknown6.74	6.74	103.9	ng	3410290	1	6.96	656341	20.0
unknown10.26	10.26	2.4	ng	147255	3	10.00	1211070	20.0
Tributyl phosphate	10.61	5.9	ng	355524	3	10.00	1211070	20.0
Pentadecanoic acid	12.00	6.4	ng	437714	4	11.49	1366030	20.0
Phenol, 4,4'-(1-m...	12.97	3.2	ng	176961	5	14.15	1116070	20.0
Cyclotetracosane	13.95	4.0	ng	225291	5	14.15	1116070	20.0
Propanol, [(butox...	14.76	2.2	ng	121022	5	14.15	1116070	20.0
Supraene	14.98	11.0	ng	616894	6	15.68	1124940	20.0