LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107926.D
Acq On : 2 Aug 2018 22:56
Operator : JU/SJ
Sample : J4284-02 100X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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	6.960	782	786	804	rBV	168034	529303	31.02%	6.629%
2	8.236	999	1003	1028	rBV	534734	997912	58.47%	12.497%
3	9.372	1192	1196	1199	rBV3	15520	20515	1.20%	0.257%
4	9.483	1211	1215	1218	rVB2	25175	28872	1.69%	0.362%
5	9.683	1247	1249	1252	rBV2	44947	39332	2.30%	0.493%
6	9.842	1273	1276	1279	rBV4	27917	33114	1.94%	0.415%
7	9.889	1281	1284	1287	rVB2	48702	42648	2.50%	0.534%
8	9.930	1289	1291	1295	rBV2	17769	21505	1.26%	0.269%
9	9.989	1298	1301	1314	rVV	757542	975840	57.18%	12.221%
10	10.389	1366	1369	1372	rBV3	59556	57077	3.34%	0.715%
11	10.448	1376	1379	1382	rVB5	26159	30832	1.81%	0.386%
12	10.619	1405	1408	1410	rBV3	22058	19947	1.17%	0.250%
13	10.883	1450	1453	1457	rVB2	51579	51814	3.04%	0.649%
14	11.348	1529	1532	1538	rBV3	42454	61366	3.60%	0.769%
15	11.489	1553	1556	1571	rBV	543365	862088	50.52%	10.796%
16	11.848	1614	1617	1620	rVB	99754	85256	5.00%	1.068%
17	12.266	1686	1688	1691	rBV	93631	95405	5.59%	1.195%
18	14.148	2005	2008	2012	rBV	526053	646483	37.88%	8.096%
19	15.489	2233	2236	2240	rVB	349896	405432	23.76%	5.077%
20	16.389	2385	2389	2396	rVB	632347	1273793	74.64%	15.952%
21	16.848	2462	2467	2475	rVB	853102	1706592	100.00%	21.372%

Sum of corrected areas: 7985126

LSC Report - Integrated Chromatogram

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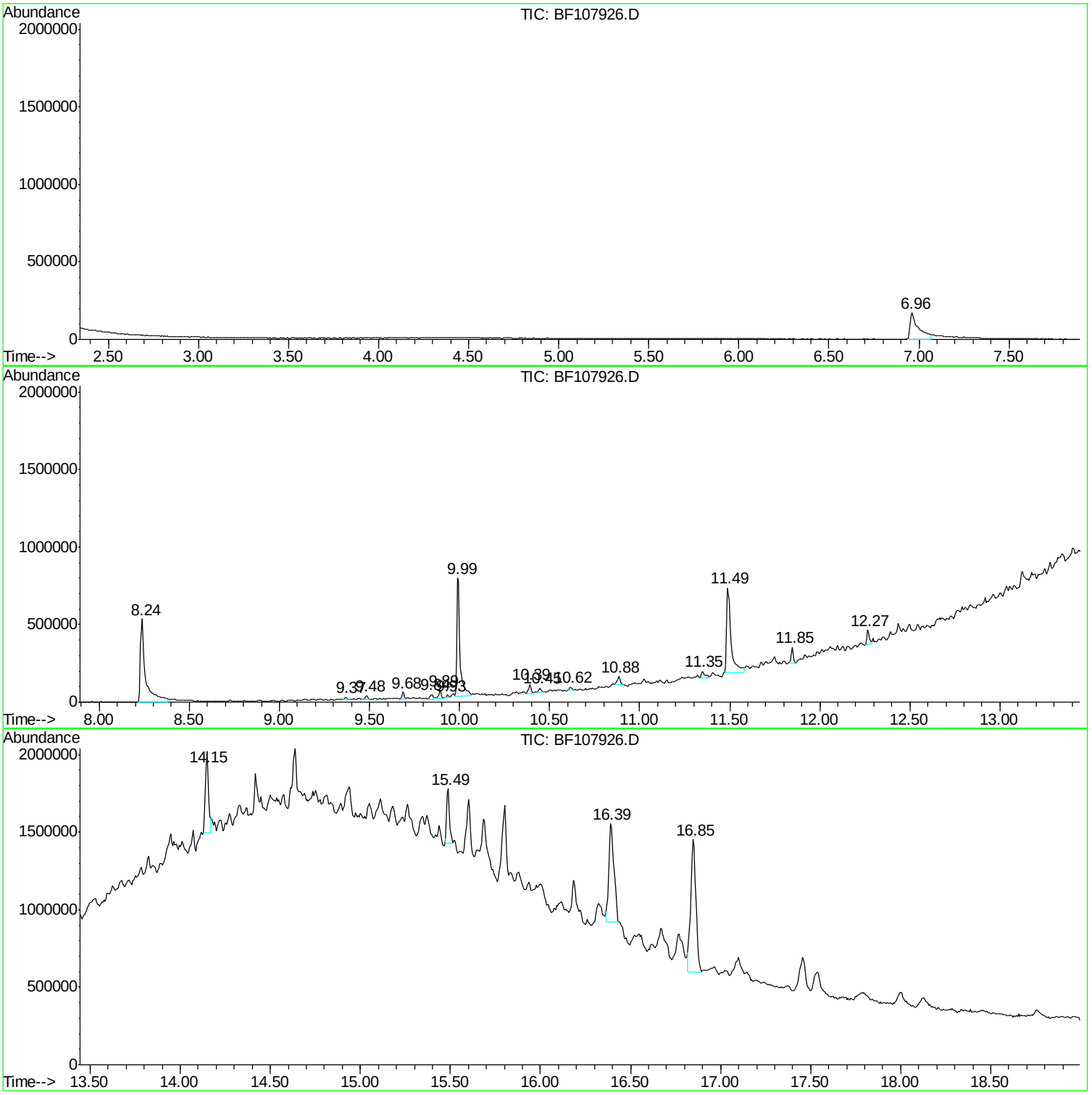
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107926.D
Acq On : 2 Aug 2018 22:56
Operator : JU/SJ
Sample : J4284-02 100X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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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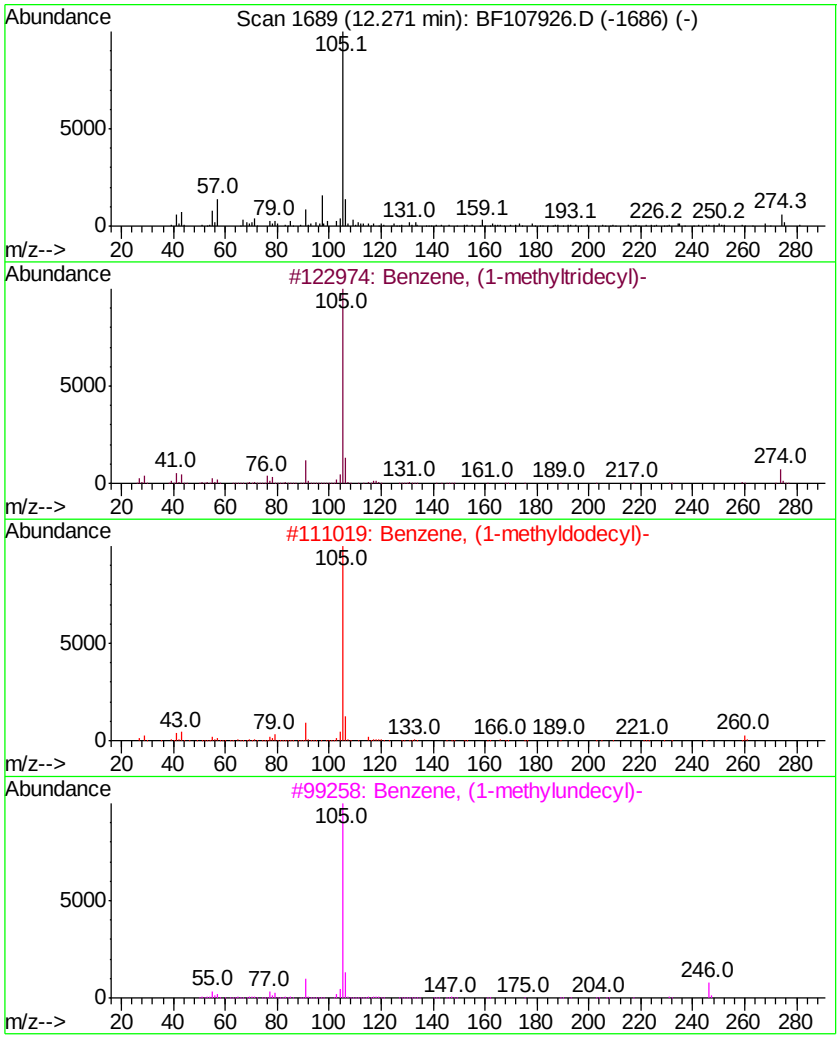
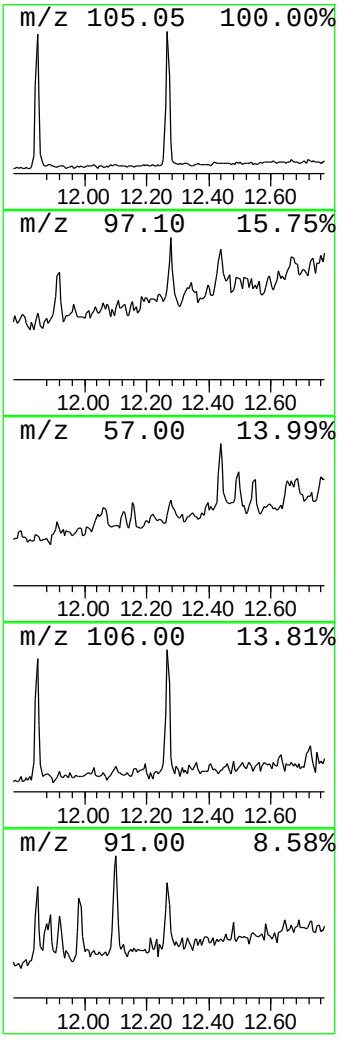
Peak Number 1 Benzene, (1-methyltridecyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	2.21 ng	95405	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyltridecyl)-	274	C20H34	004534-59-2	53
2	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	49
3	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	47
4	Benzene, (1-methylnonadecyl)-	358	C26H46	002398-66-5	47
5	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	47





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Sample : J4284-02 100X
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Instrument : BNA_F
ClientSampleId : OILY-WATER

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

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TIC Integration Parameters: LSCINT.P

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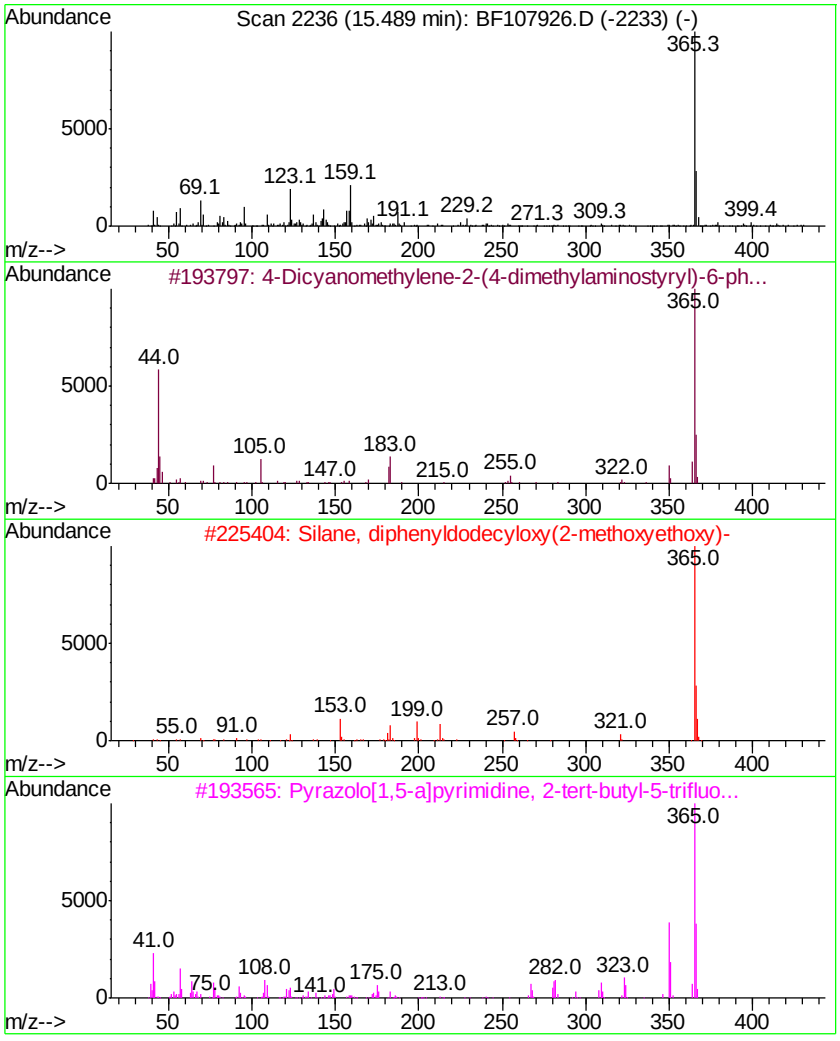
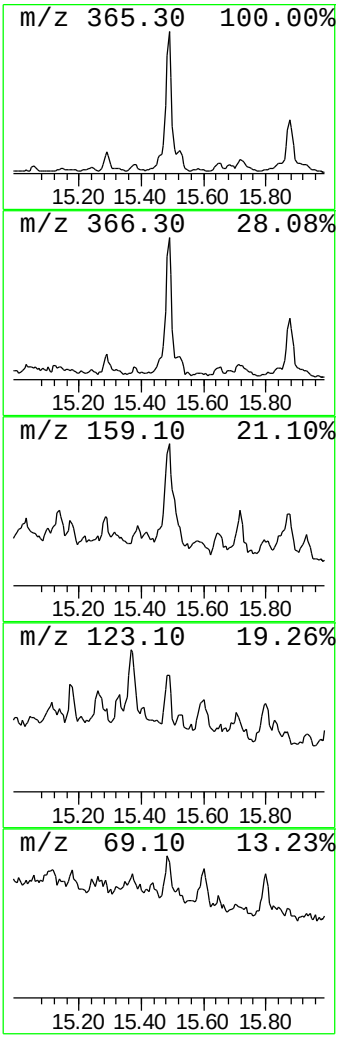
Peak Number 2 unknown15.49 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	20.00 ng	405432	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Dicyanomethylene-2-(4-dimethyl...	365	C24H19N3O	070503-39-8	47
2	Silane, diphenyldodecyloxy(2-met...	442	C27H42O3Si	1000367-73-2	38
3	Pyrazolo[1,5-a]pyrimidine, 2-ter...	365	C18H18F3N3O2	1000268-76-7	38
4	1H-Indole, 1-(trimethylsilyl)-2,5...	365	C17H31NO2Si3	074381-41-2	28
5	1-[4-Hydroxy-6-[trifluoromethyl]...	365	C13H9F6N5O	1000255-80-2	28





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Data File : BF107926.D
Acq On : 2 Aug 2018 22:56
Operator : JU/SJ
Sample : J4284-02 100X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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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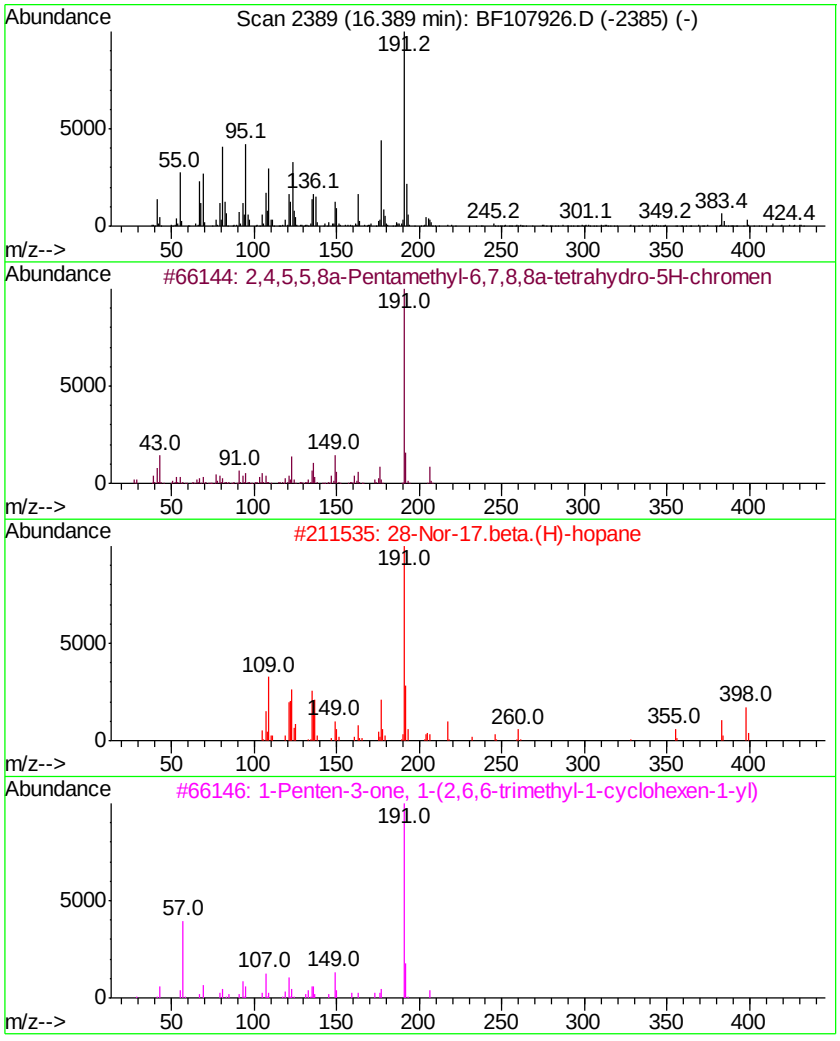
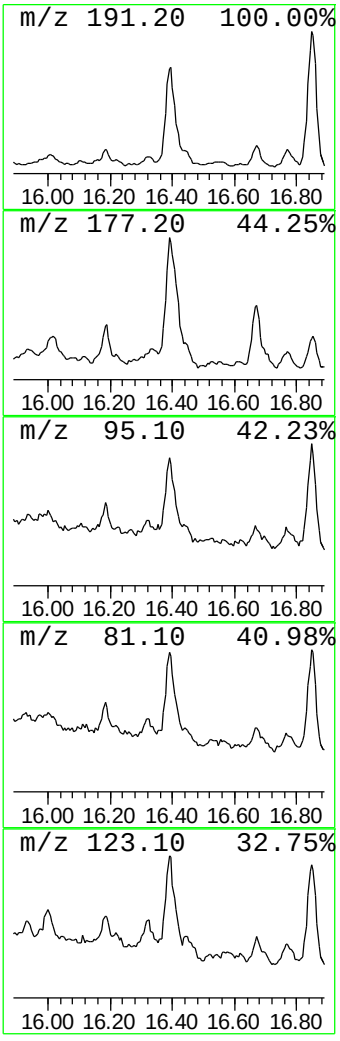
Peak Number 3 unknown16.39 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	62.84 ng	1273790	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	38
2	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	38
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	35
4	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	27
5	Fumaric acid, di(2-isopropoxyphe...	384	C22H24O6	1000344-85-0	25





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Sample : J4284-02 100X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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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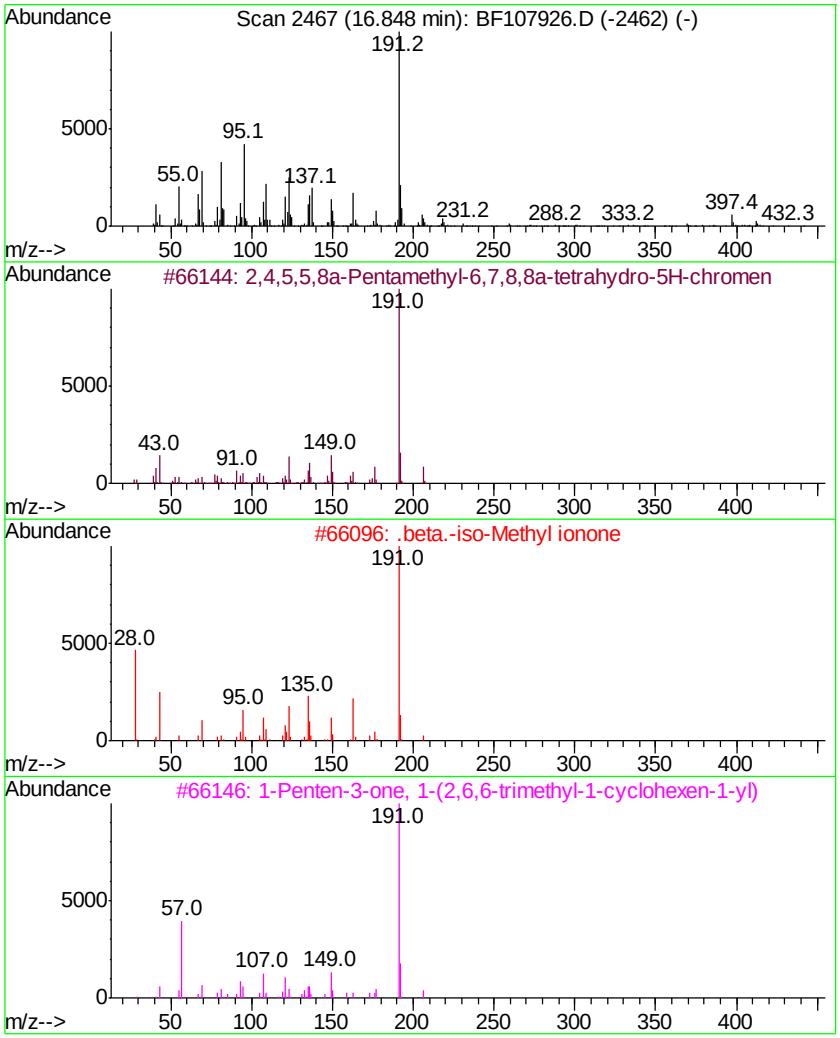
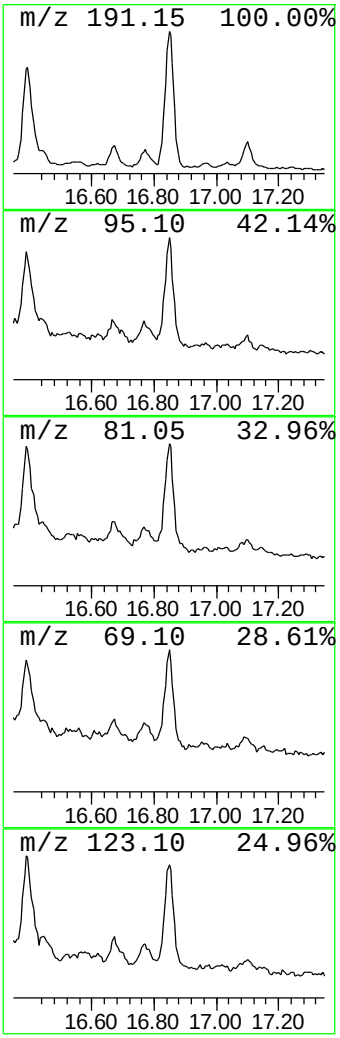
Peak Number 4 unknown16.85 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	84.19 ng	1706590	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	47
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	46
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	45
4	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	42
5	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	40





Tentatively Identified Compound (LSC) summary

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Acq On : 2 Aug 2018 22:56
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, (1-methy...	12.27	2.2	ng	95405	4	11.49	862088	20.0
unknown15.49	15.49	20.0	ng	405432	6	15.68	405432	20.0
unknown16.39	16.39	62.8	ng	1273790	6	15.68	405432	20.0
unknown16.85	16.85	84.2	ng	1706590	6	15.68	405432	20.0