LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109895.D
Acq On : 15 Oct 2018 22:35
Operator : JU/SJ
Sample : J5455-05 100X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MS-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-BF101518.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	5.581	591	594	598	rVB	26034	22539	1.41%	0.202%
2	6.740	787	791	794	rBV	55380	45437	2.83%	0.408%
3	6.975	828	831	835	rBV	1558547	1313250	81.92%	11.784%
4	7.134	855	858	860	rVB	55007	45514	2.84%	0.408%
5	7.534	922	926	929	rVB	32018	28495	1.78%	0.256%
6	8.263	1046	1050	1053	rVB	1808850	1603123	100.00%	14.385%
7	9.269	1214	1221	1223	rBV4	23131	30941	1.93%	0.278%
8	9.328	1226	1231	1234	rBV	69354	66276	4.13%	0.595%
9	9.410	1241	1245	1248	rBV4	20359	31272	1.95%	0.281%
10	9.563	1267	1271	1272	rBV3	18202	27539	1.72%	0.247%
11	9.645	1282	1285	1290	rBV7	27300	48747	3.04%	0.437%
12	9.686	1290	1292	1295	rBV4	21205	25670	1.60%	0.230%
13	9.728	1296	1299	1302	rBV	95971	90603	5.65%	0.813%
14	9.880	1322	1325	1328	rBV3	55002	75175	4.69%	0.675%
15	9.910	1328	1330	1331	rVV2	44288	39716	2.48%	0.356%
16	9.928	1331	1333	1335	rVB2	58816	49047	3.06%	0.440%
17	10.016	1345	1348	1352	rVB	1550562	1450668	90.49%	13.017%
18	10.063	1352	1356	1357	rBV4	38588	52759	3.29%	0.473%
19	10.428	1416	1418	1421	rVB	116015	88085	5.49%	0.790%
20	10.657	1454	1457	1463	rVB	215917	242681	15.14%	2.178%
21	10.922	1499	1502	1505	rBV	377352	337683	21.06%	3.030%
22	11.133	1535	1538	1541	rBV2	144434	149817	9.35%	1.344%
23	11.392	1578	1582	1585	rBV	399457	424364	26.47%	3.808%
24	11.510	1598	1602	1605	rVB	1617369	1339846	83.58%	12.022%
25	11.739	1639	1641	1647	rBV3	125668	143247	8.94%	1.285%
26	12.539	1774	1777	1780	rVB	197886	186760	11.65%	1.676%
27	14.116	2043	2045	2047	rBV	52750	44424	2.77%	0.399%
28	14.151	2047	2051	2054	rVB	1912268	1568136	97.82%	14.071%
29	14.768	2154	2156	2161	rVB	97573	92871	5.79%	0.833%
30	15.674	2305	2310	2317	rVB	1042744	1355570	84.56%	12.163%
31	16.145	2387	2390	2396	rVB	76520	124409	7.76%	1.116%

Sum of corrected areas: 11144664

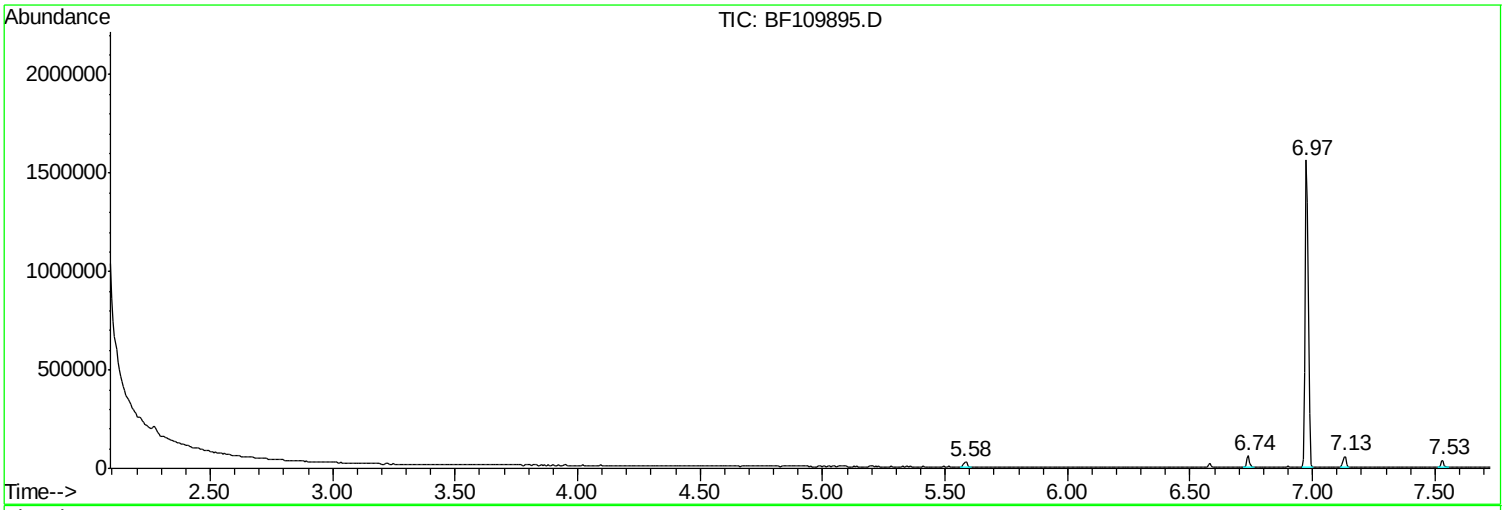
LSC Report - Integrated Chromatogram

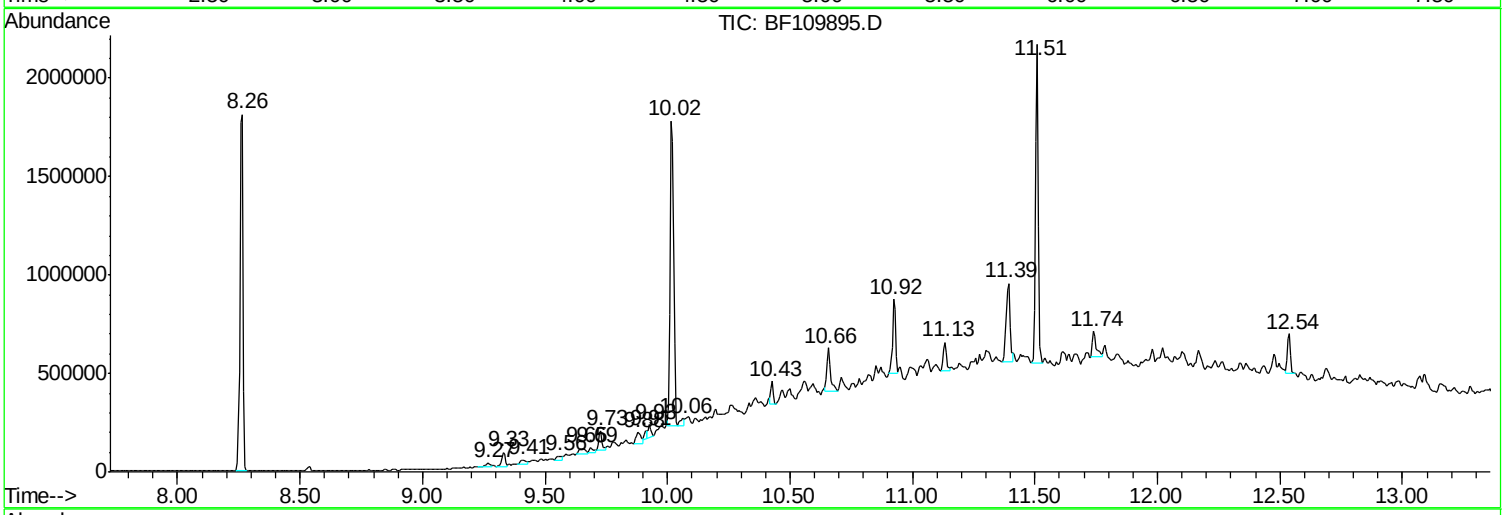
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109895.D
Acq On : 15 Oct 2018 22:35
Operator : JU/SJ
Sample : J5455-05 100X
Misc :
ALS Vial : 19 Sample Multiplier: 1

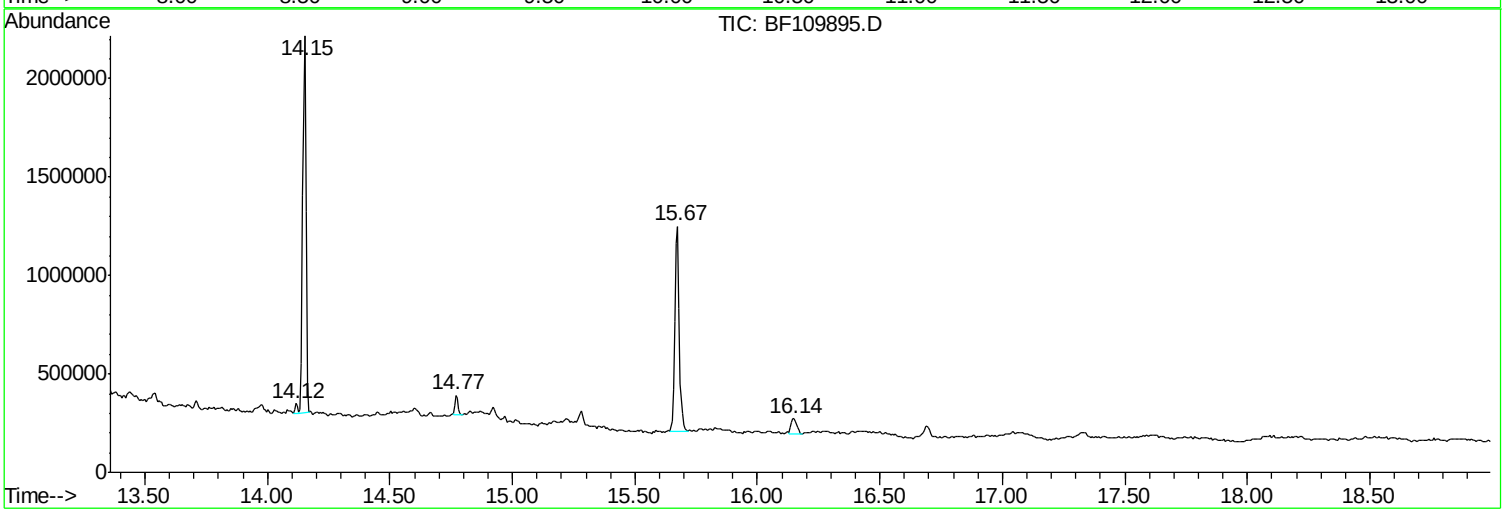
Instrument :
BNA_F
ClientSampleId :
MS-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.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\BF101518\
Data File : BF109895.D
Acq On : 15 Oct 2018 22:35
Operator : JU/SJ
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Misc :
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Instrument :
BNA_F
ClientSampleId :
MS-OILY-WATER

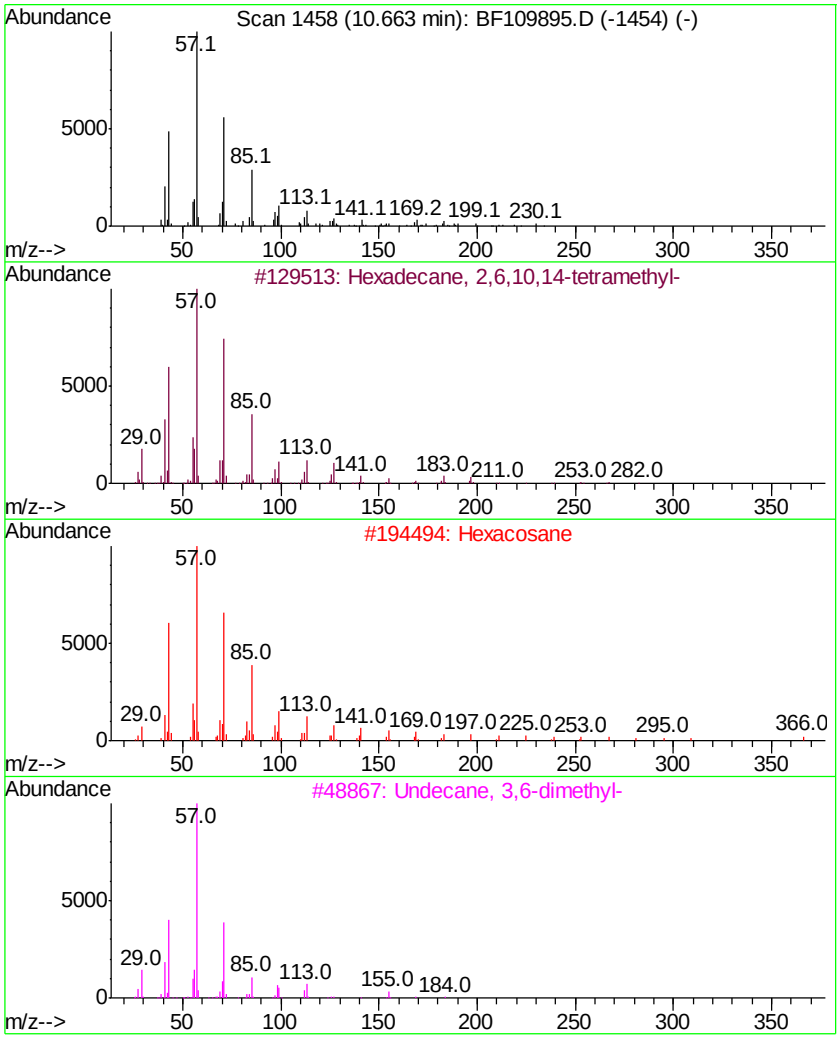
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

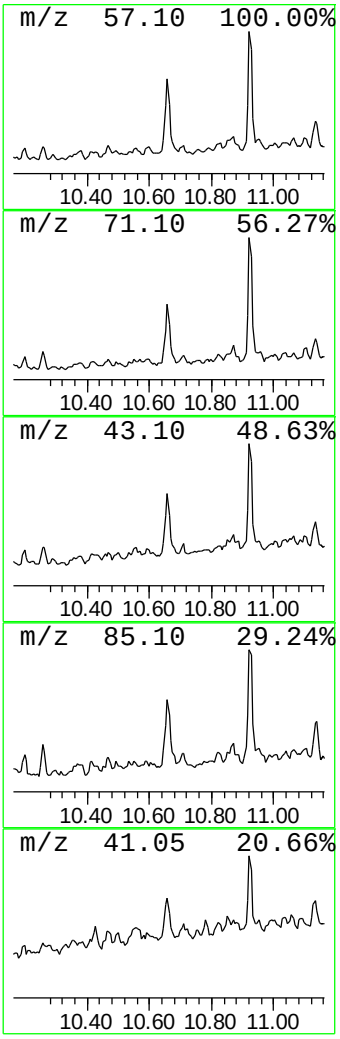
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Hexadecane, 2,6,10,14-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	3.35 ng	242681	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
2	Hexacosane	366	C26H54	000630-01-3	72
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
4	Heptacosane	380	C27H56	000593-49-7	59
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109895.D
Acq On : 15 Oct 2018 22:35
Operator : JU/SJ
Sample : J5455-05 100X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MS-OILY-WATER

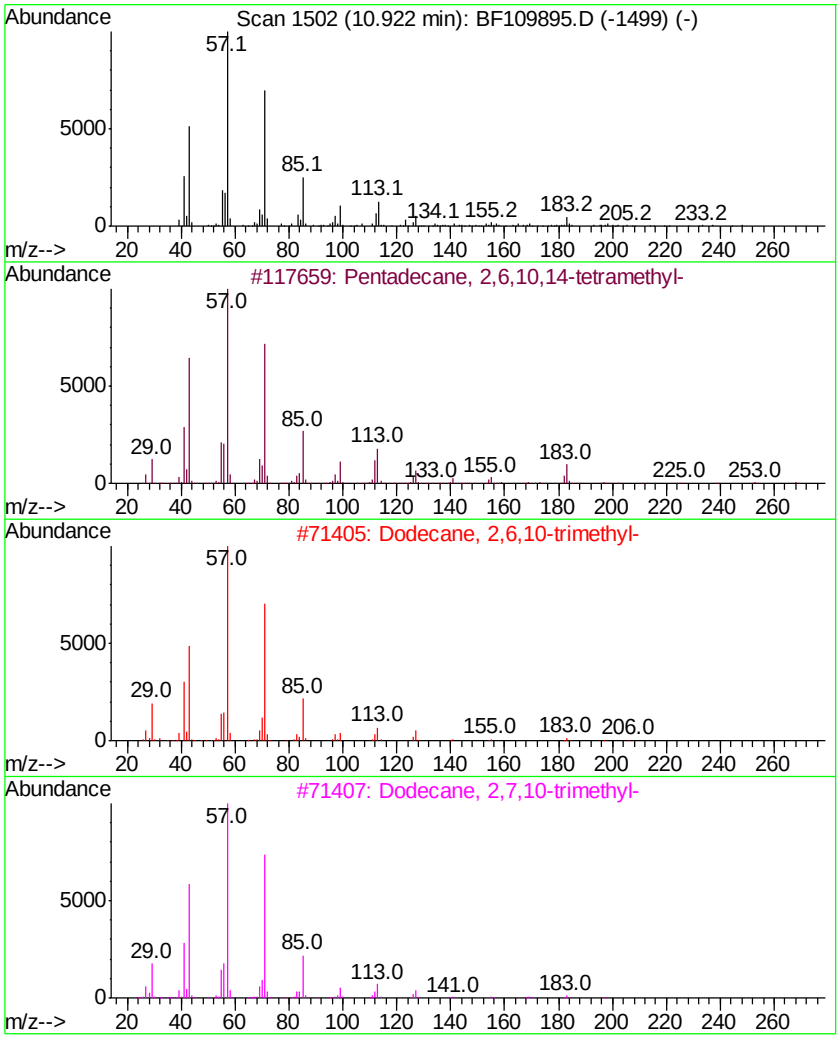
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

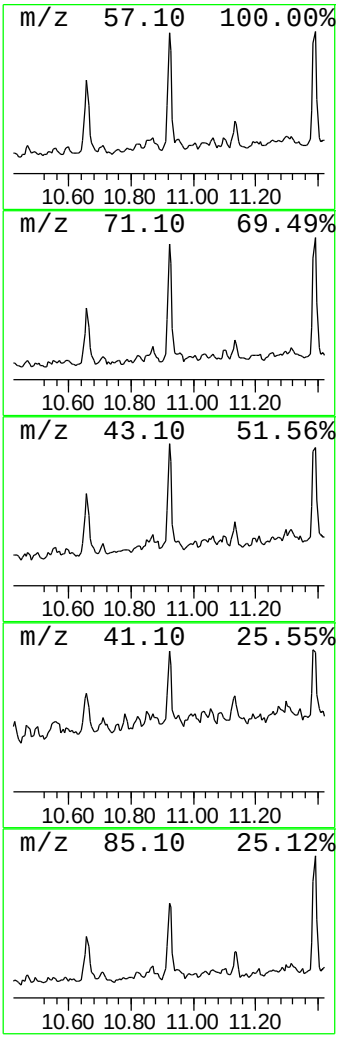
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentadecane, 2,6,10,14-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	5.04 ng	337683	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109895.D
Acq On : 15 Oct 2018 22:35
Operator : JU/SJ
Sample : J5455-05 100X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MS-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

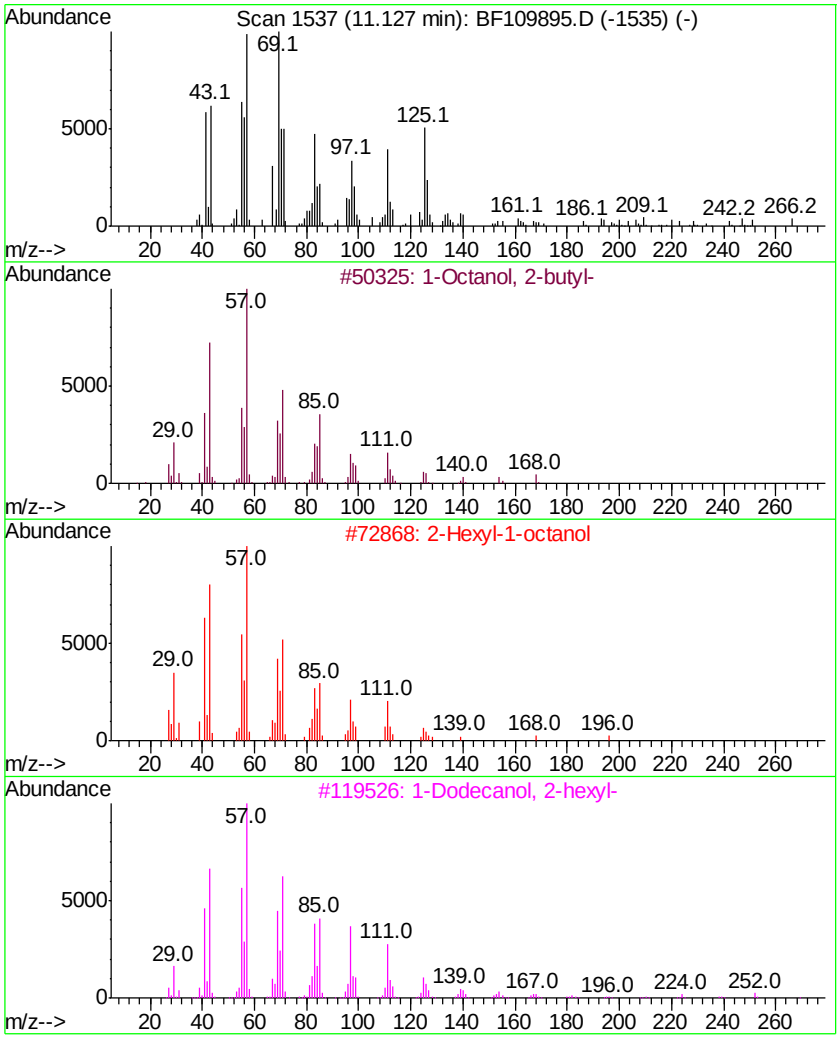
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

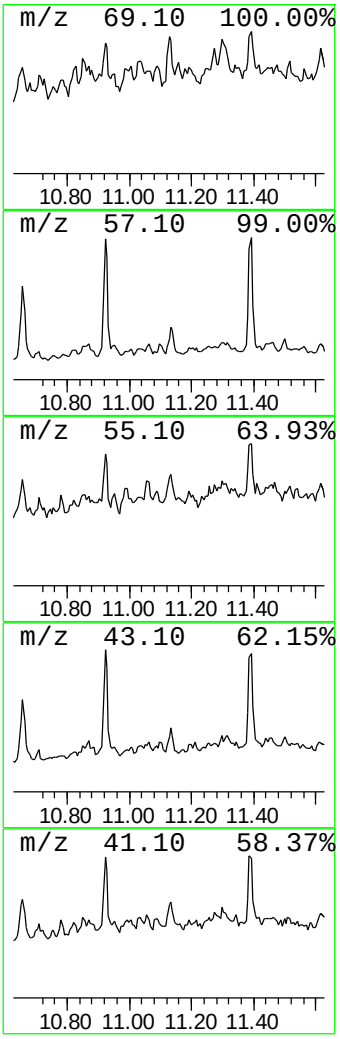
****

Peak Number 3 1-Octanol, 2-butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	2.24 ng	149817	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	59
2	2-Hexyl-1-octanol	214	C14H30O	019780-79-1	59
3	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	59
4	Undecane	156	C11H24	001120-21-4	42
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109895.D
Acq On : 15 Oct 2018 22:35
Operator : JU/SJ
Sample : J5455-05 100X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MS-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

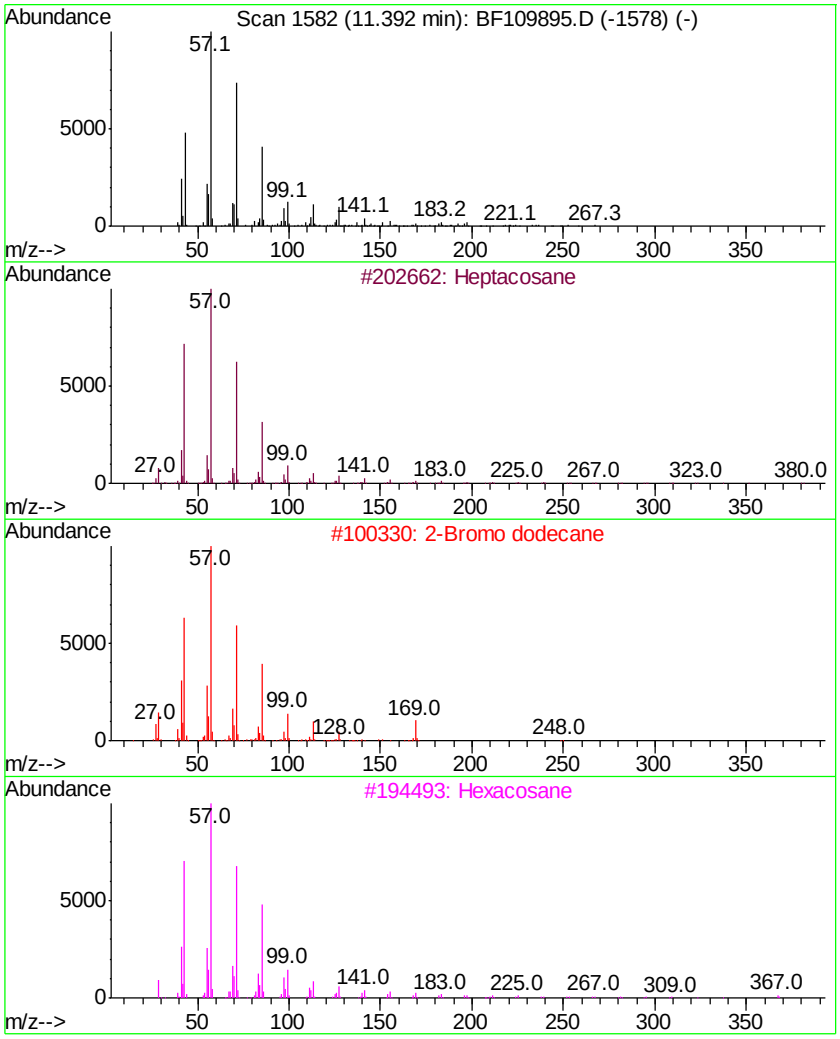
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

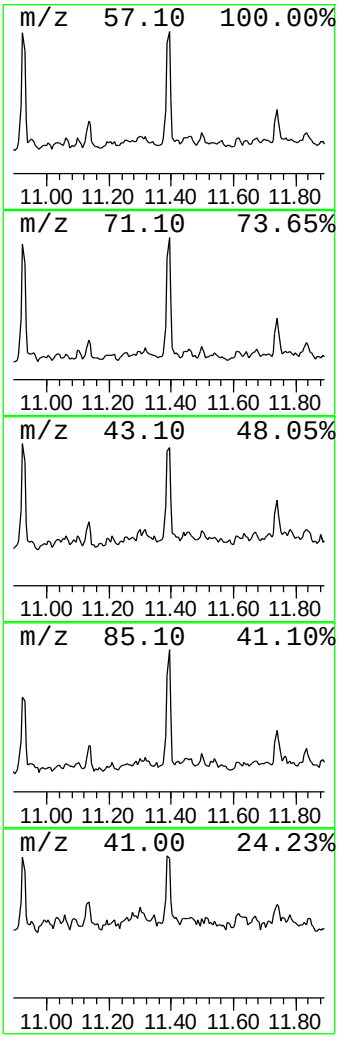
****

Peak Number 4 Heptacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	6.33 ng	424364	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Eicosane	282	C20H42	000112-95-8	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
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Operator : JU/SJ
Sample : J5455-05 100X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MS-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

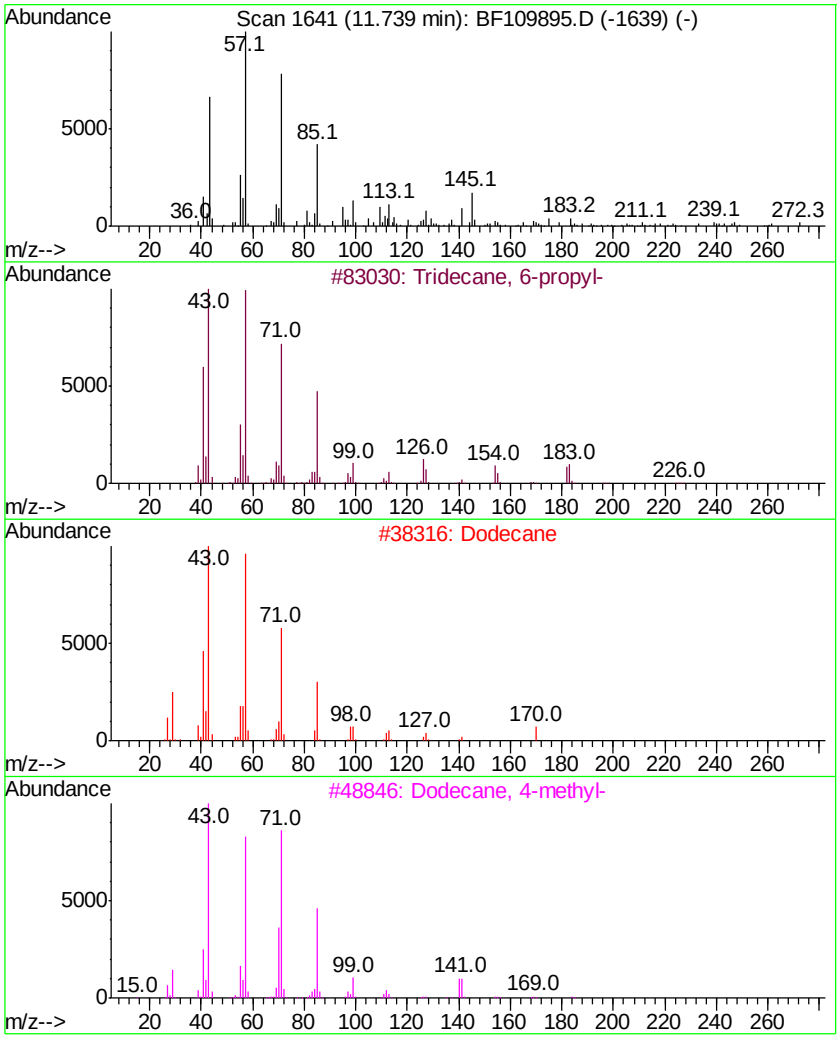
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

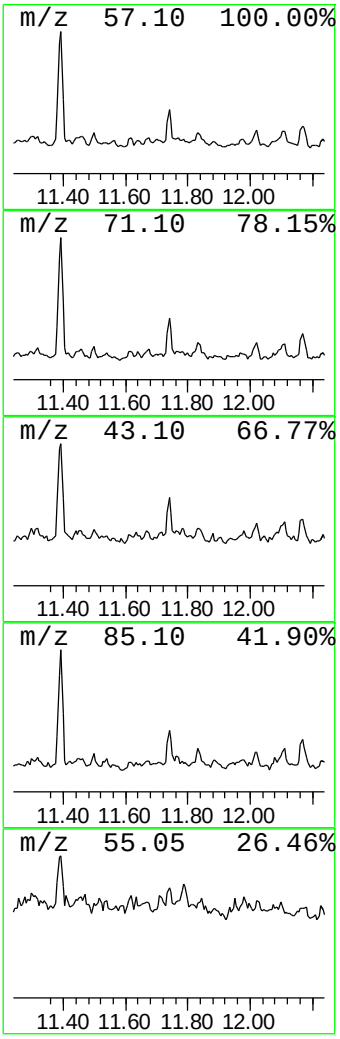
****

Peak Number 5 Tridecane, 6-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	2.14 ng	143247	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	81
2	Dodecane	170	C12H26	000112-40-3	76
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	74
4	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	74
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72





Library Search Compound Report

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Operator : JU/SJ
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MS-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

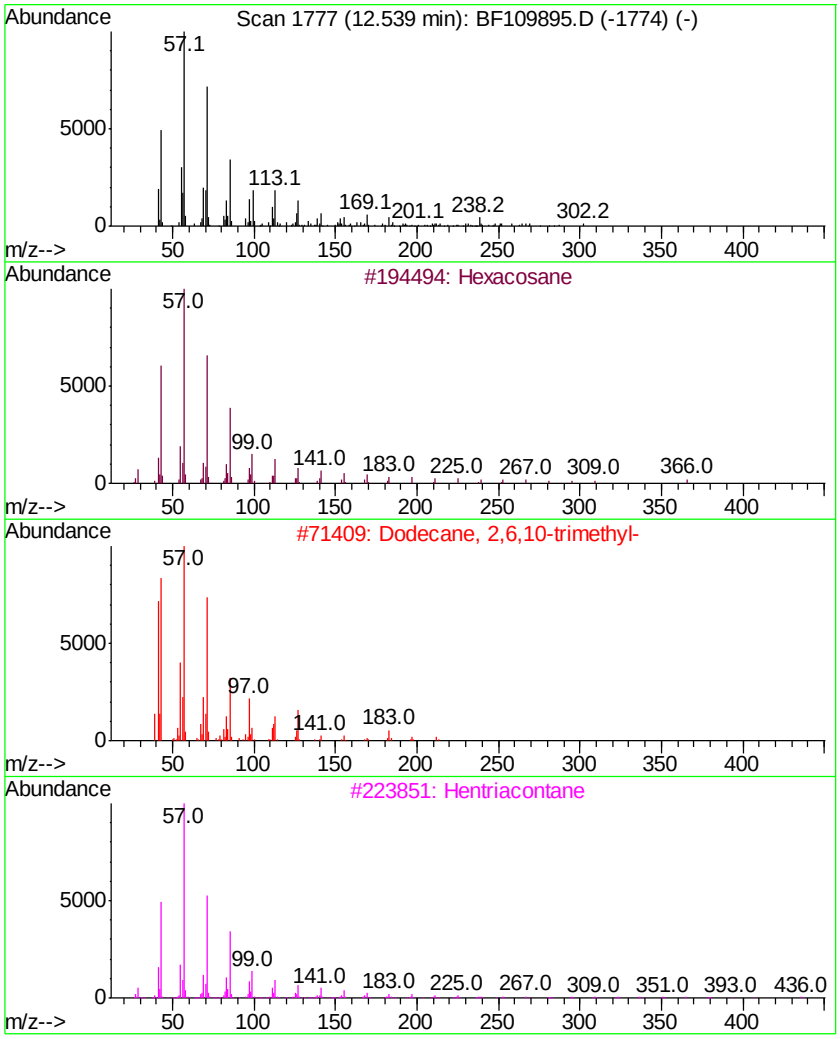
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

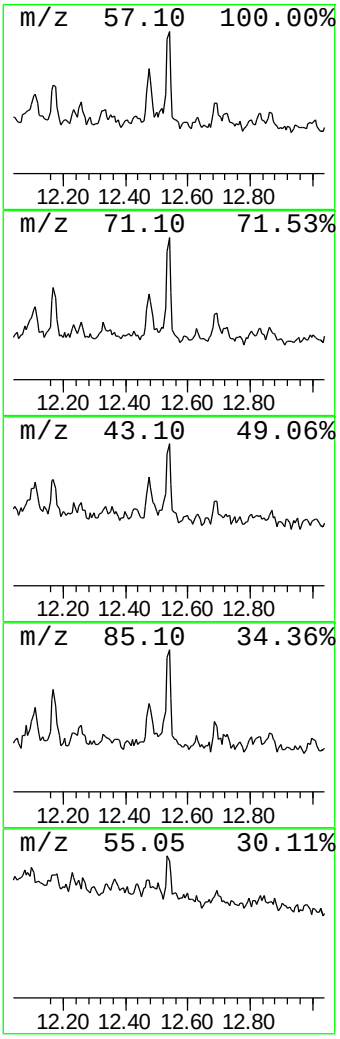
****

Peak Number 6 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	2.79 ng	186760	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	81
3	Hentriacontane	437	C31H64	000630-04-6	80
4	2-methyloctacosane	408	C29H60	1000376-72-8	72
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101518\
Data File : BF109895.D
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Operator : JU/SJ
Sample : J5455-05 100X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc
Hexadecane, 2,6,1...	10.66	3.4	ng	242681	3	10.02	1450670	20.0
Pentadecane, 2,6,...	10.92	5.0	ng	337683	4	11.51	1339850	20.0
1-Octanol, 2-butyl-	11.13	2.2	ng	149817	4	11.51	1339850	20.0
Heptacosane	11.39	6.3	ng	424364	4	11.51	1339850	20.0
Tridecane, 6-propyl-	11.74	2.1	ng	143247	4	11.51	1339850	20.0
Hexacosane	12.54	2.8	ng	186760	4	11.51	1339850	20.0