LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102957.D
Acq On : 13 Feb 2018 13:15
Operator : SJ/JU
Sample : J1527-01 10X
Misc :
ALS Vial : 7 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:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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	5.481	573	577	584	rBV	194440	185969	8.09%	1.220%
2	6.492	745	749	756	rBV	116101	125051	5.44%	0.821%
3	6.634	770	773	778	rBV	426567	357483	15.54%	2.346%
4	6.869	809	813	817	rBV	1056936	872254	37.92%	5.723%
5	6.928	819	823	828	rVB	24172	25974	1.13%	0.170%
6	7.022	834	839	845	rBV	350647	330269	14.36%	2.167%
7	7.428	902	908	912	rBV	327208	284409	12.37%	1.866%
8	8.151	1027	1031	1035	rBV	1316467	1214000	52.78%	7.966%
9	8.204	1037	1040	1047	rVB3	26602	37344	1.62%	0.245%
10	8.557	1097	1100	1107	rVB5	13952	24090	1.05%	0.158%
11	9.016	1174	1178	1183	rBV2	26156	27797	1.21%	0.182%
12	9.133	1195	1198	1202	rVB	45009	40888	1.78%	0.268%
13	9.228	1210	1214	1219	rBV	617349	551667	23.98%	3.620%
14	9.557	1266	1270	1276	rBV	65804	63293	2.75%	0.415%
15	9.622	1276	1281	1284	rBV2	28323	34231	1.49%	0.225%
16	9.669	1284	1289	1293	rVV3	24943	26454	1.15%	0.174%
17	9.733	1296	1300	1303	rVV2	34106	35275	1.53%	0.231%
18	9.769	1303	1306	1309	rVV	226530	205183	8.92%	1.346%
19	9.828	1311	1316	1321	rVV3	33286	57303	2.49%	0.376%
20	9.875	1321	1324	1326	rVV2	24006	26080	1.13%	0.171%
21	9.910	1326	1330	1334	rVV	1582384	1373853	59.73%	9.015%
22	9.975	1338	1341	1344	rVB	75783	60847	2.65%	0.399%
23	10.322	1395	1400	1404	rBV	657754	557710	24.25%	3.659%
24	10.551	1433	1439	1442	rBV2	59145	90903	3.95%	0.596%
25	10.692	1460	1463	1469	rBV	357777	328806	14.30%	2.157%
26	10.780	1474	1478	1480	rBV4	19747	32391	1.41%	0.213%
27	10.816	1480	1484	1491	rVV	134449	172214	7.49%	1.130%
28	11.251	1556	1558	1559	rBV2	33227	24198	1.05%	0.159%
29	11.280	1560	1563	1566	rVV	131357	132674	5.77%	0.871%
30	11.398	1579	1583	1586	rBV	1430468	1336187	58.09%	8.768%
31	11.627	1620	1622	1626	rBV2	48962	49841	2.17%	0.327%
32	11.910	1668	1670	1673	rBV4	56899	55908	2.43%	0.367%
33	12.974	1848	1851	1854	rVB	701399	566820	24.64%	3.719%
34	13.863	1999	2002	2005	rVB2	50861	55781	2.43%	0.366%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102957.D
Acq On : 13 Feb 2018 13:15
Operator : SJ/JU
Sample : J1527-01 10X
Misc :
ALS Vial : 7 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:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.004	2023	2026	2027	rBV	44013	35810	1.56%	0.235%
36	14.033	2027	2031	2040	rVB	1275178	1183446	51.45%	7.765%
37	14.192	2055	2058	2063	rVB2	46568	52149	2.27%	0.342%
38	14.468	2102	2105	2112	rVB2	88567	109998	4.78%	0.722%
39	14.598	2123	2127	2133	rBV	560537	490708	21.33%	3.220%
40	14.739	2147	2151	2158	rBV	339259	486757	21.16%	3.194%
41	14.880	2170	2175	2179	rBV	2197087	2300078	100.00%	15.092%
42	15.133	2215	2218	2224	rVB	33905	39404	1.71%	0.259%
43	15.504	2276	2281	2291	rBV	714532	969527	42.15%	6.362%
44	15.839	2334	2338	2345	rVB3	54856	84003	3.65%	0.551%
45	15.957	2354	2358	2362	rVB2	26498	37459	1.63%	0.246%
46	16.468	2440	2445	2451	rBV8	20866	47114	2.05%	0.309%
47	17.774	2664	2667	2677	rVB8	18632	40578	1.76%	0.266%

Sum of corrected areas: 15240178

LSC Report - Integrated Chromatogram

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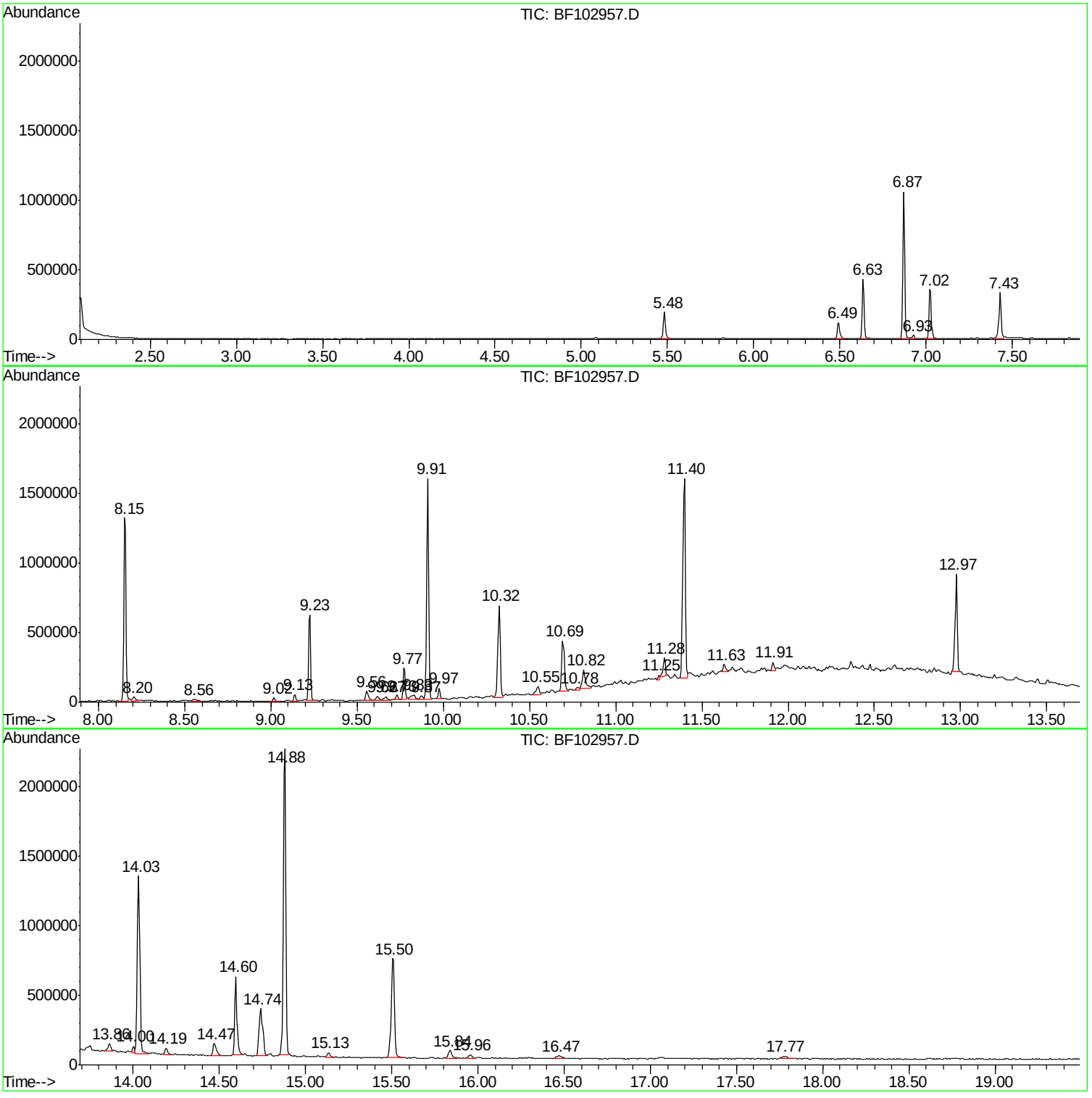
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102957.D
Acq On : 13 Feb 2018 13:15
Operator : SJ/JU
Sample : J1527-01 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

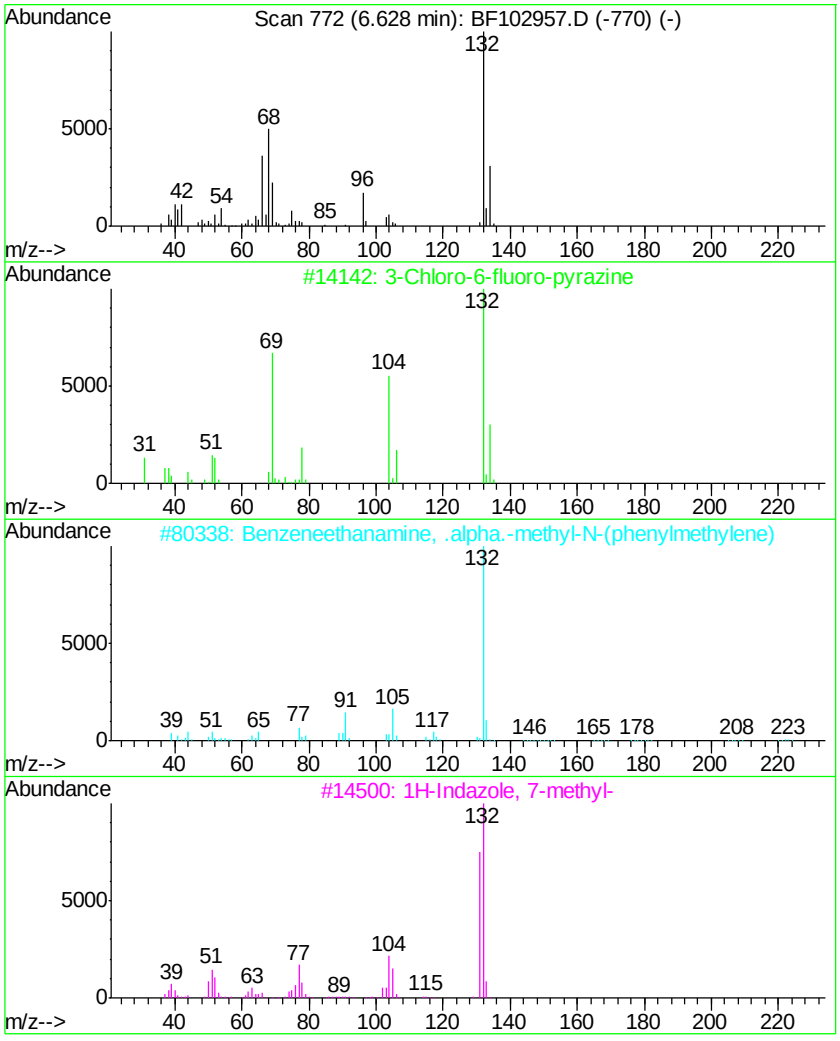
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

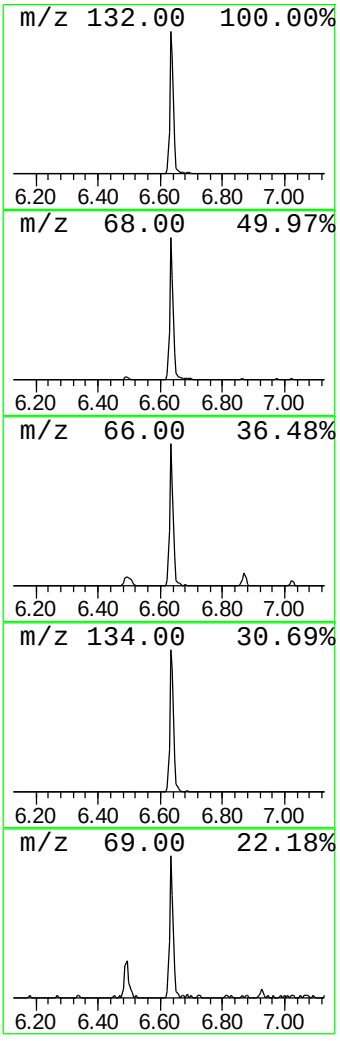
****

Peak Number 1 unknown6.63 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	8.20 ng	357483	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Benzeneethanamine, .alpha.-methy...	223	C16H17N	002980-02-1	10
3	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	5-Aminoindole	132	C8H8N2	005192-03-0	10





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Data File : BF102957.D
Acq On : 13 Feb 2018 13:15
Operator : SJ/JU
Sample : J1527-01 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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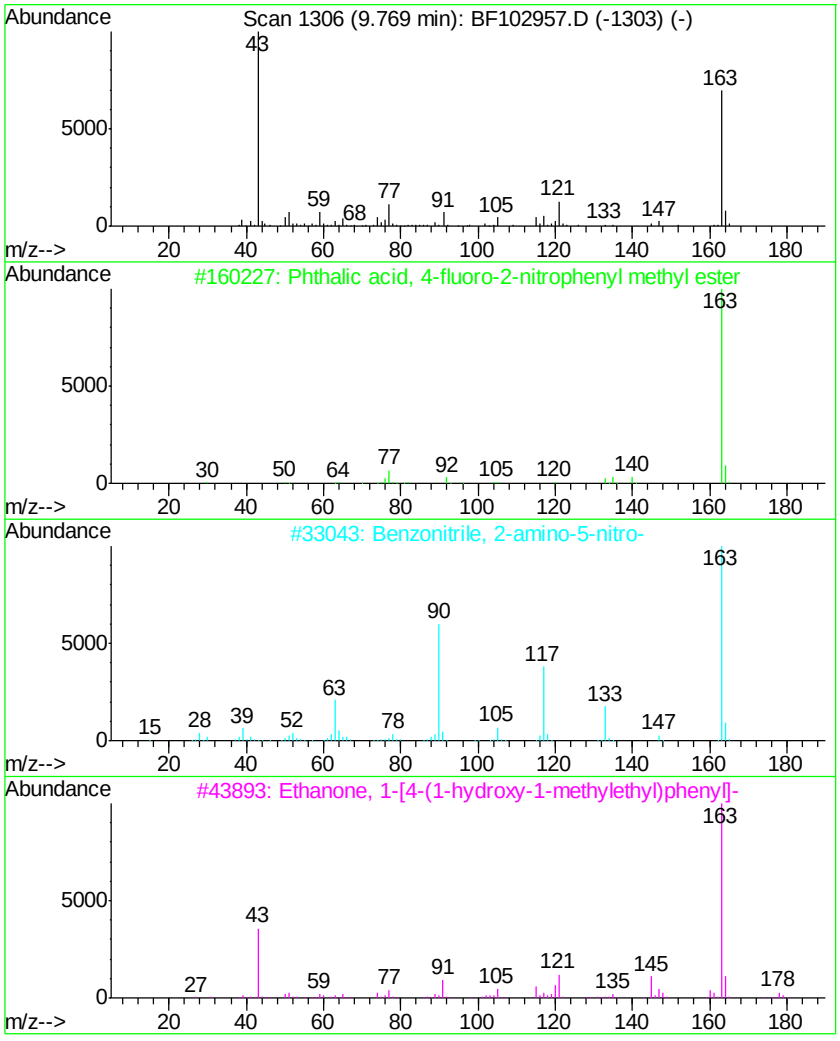
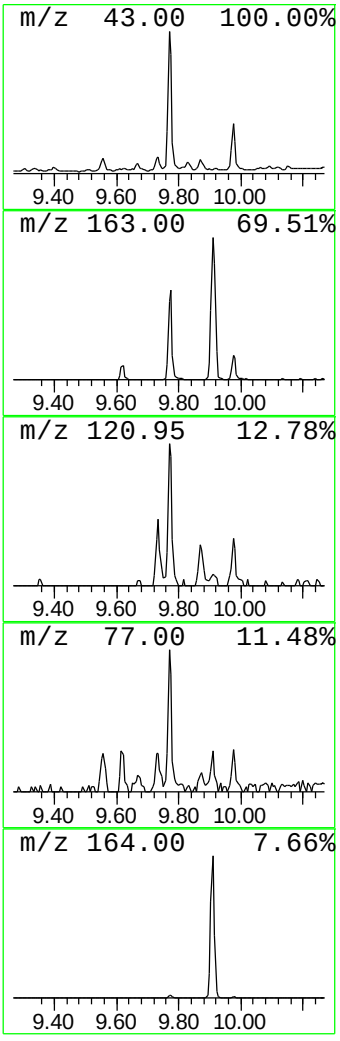
Peak Number 3 unknown9.77 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	2.99 ng	205183	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 4-fluoro-2-nitrop...	319	C15H10FNO6	1000315-63-4	43
2	Benzonitrile, 2-amino-5-nitro-	163	C7H5N3O2	017420-30-3	43
3	Ethanone, 1-[4-(1-hydroxy-1-meth...	178	C11H14O2	054549-72-3	37
4	Benzamide, 2'-(benzoylcarbonylam...	268	C15H12N2O3	129768-51-0	32
5	1,2-Dimethyl-5-nitroadamantane	209	C12H19NO2	006588-68-7	28





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102957.D
Acq On : 13 Feb 2018 13:15
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Sample : J1527-01 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

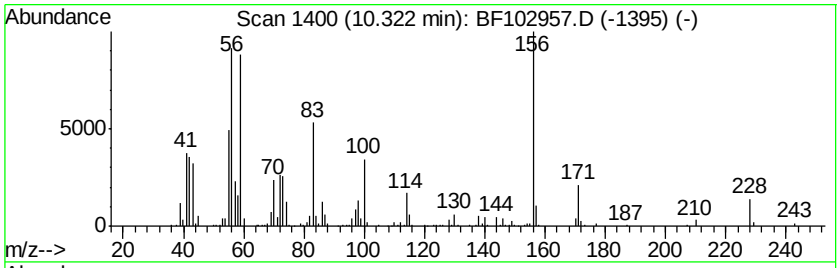
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

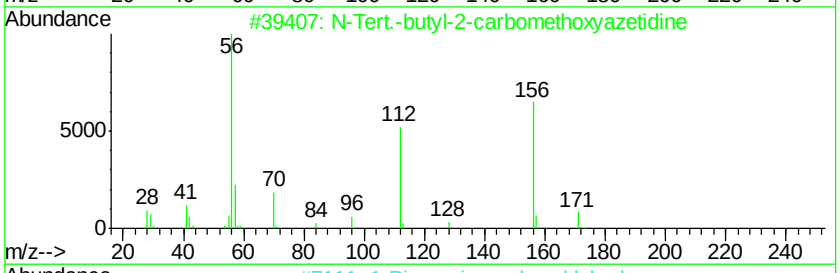
****

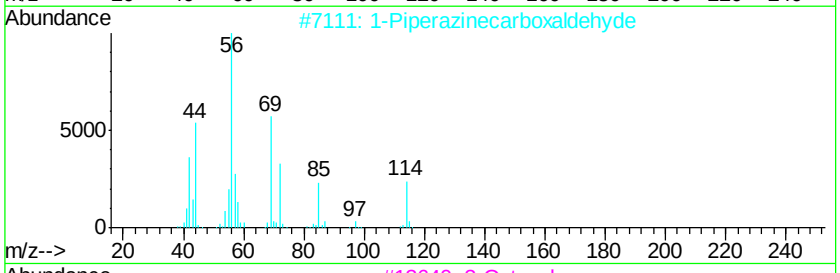
Peak Number 4 unknown10.32 Concentration Rank 5

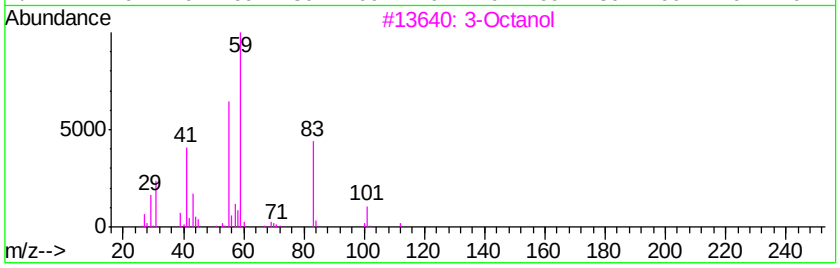
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	8.12 ng	557710	Acenaphthene-d10	9.91

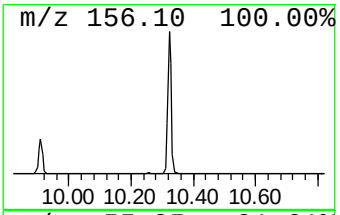
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Tert.-butyl-2-carbomethoxyazet...	171	C9H17NO2	018085-35-3	35
2	1-Piperazinecarboxaldehyde	114	C5H10N2O	007755-92-2	14
3	3-Octanol	130	C8H18O	000589-98-0	14
4	2,2-Dimethyl-1,3-propanediamine	102	C5H14N2	007328-91-8	14
5	Butanal, oxime	87	C4H9NO	000110-69-0	11

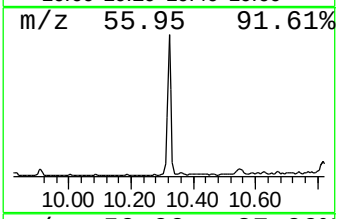


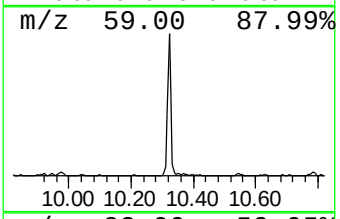


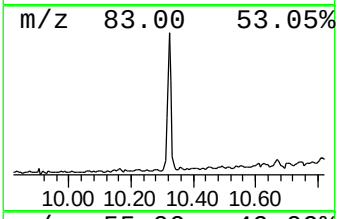


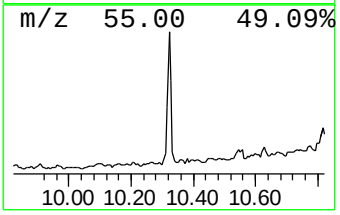












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Acq On : 13 Feb 2018 13:15
Operator : SJ/JU
Sample : J1527-01 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

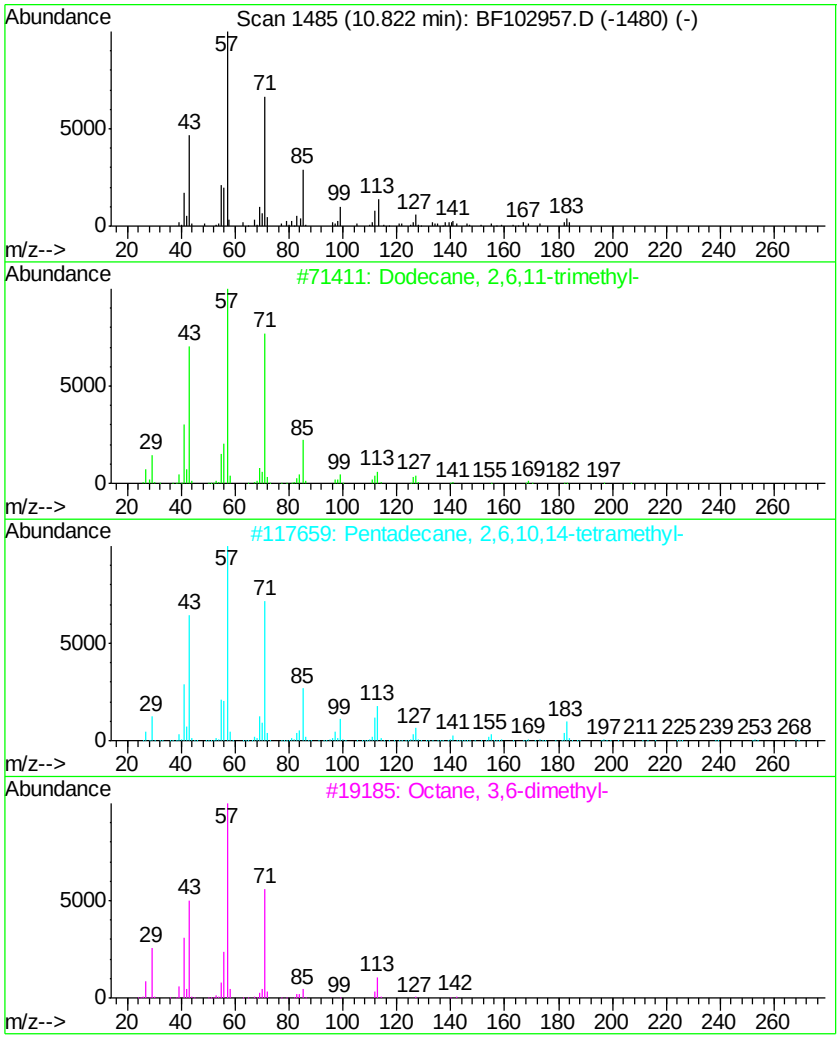
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

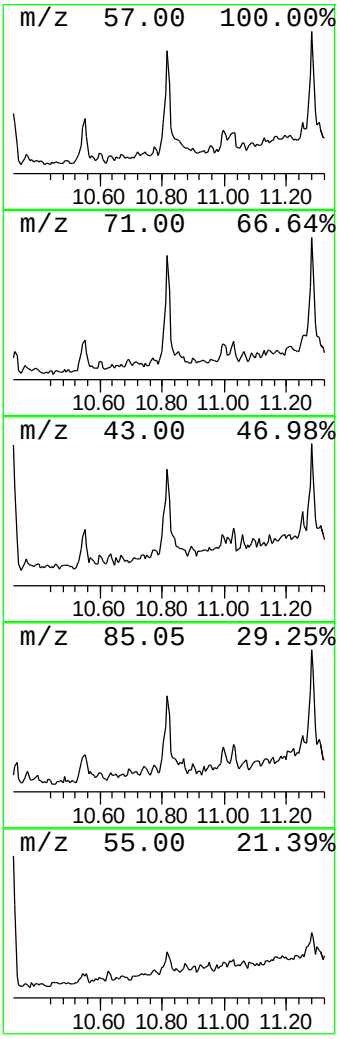
****

Peak Number 5 Dodecane, 2,6,11-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	2.58 ng	172214	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	58
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	58
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

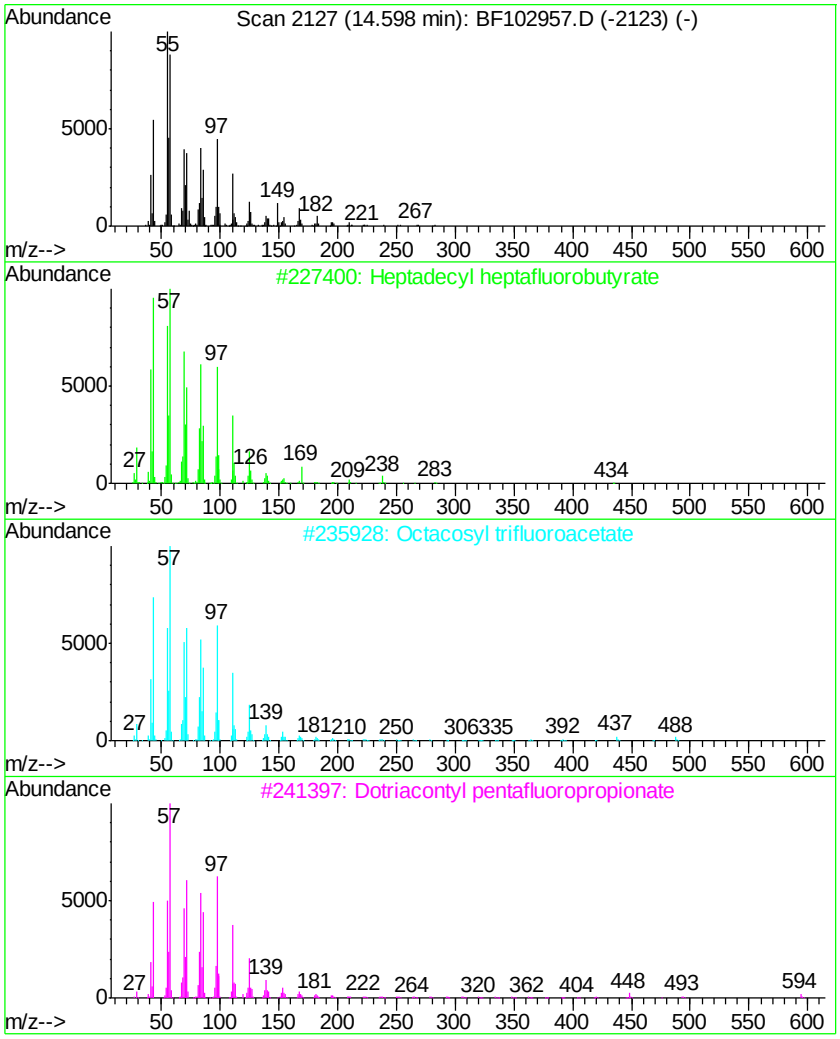
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

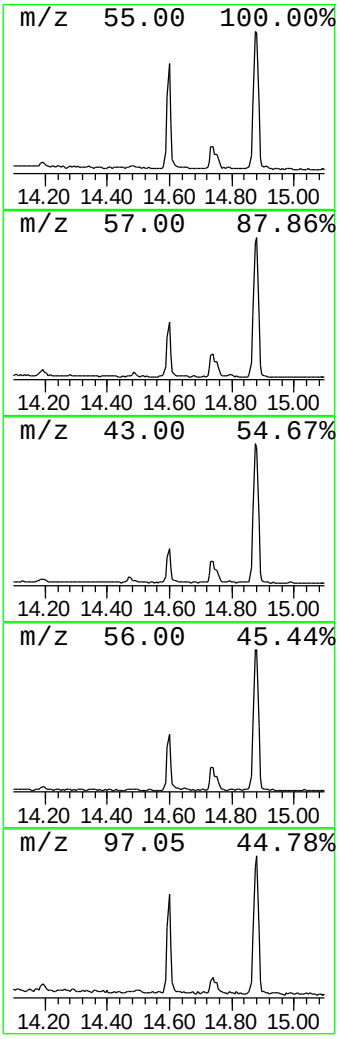
****

Peak Number 6 Heptadecyl heptafluorobutyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	8.29 ng	490708	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	81
2	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	76
3	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	76
4	Tetratriacontyl trifluoroacetate	591	C36H69F3O2	1000351-75-3	76
5	Dotriacontyl trifluoroacetate	562	C34H65F3O2	1000351-75-4	76





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ALS Vial : 7 Sample Multiplier: 1

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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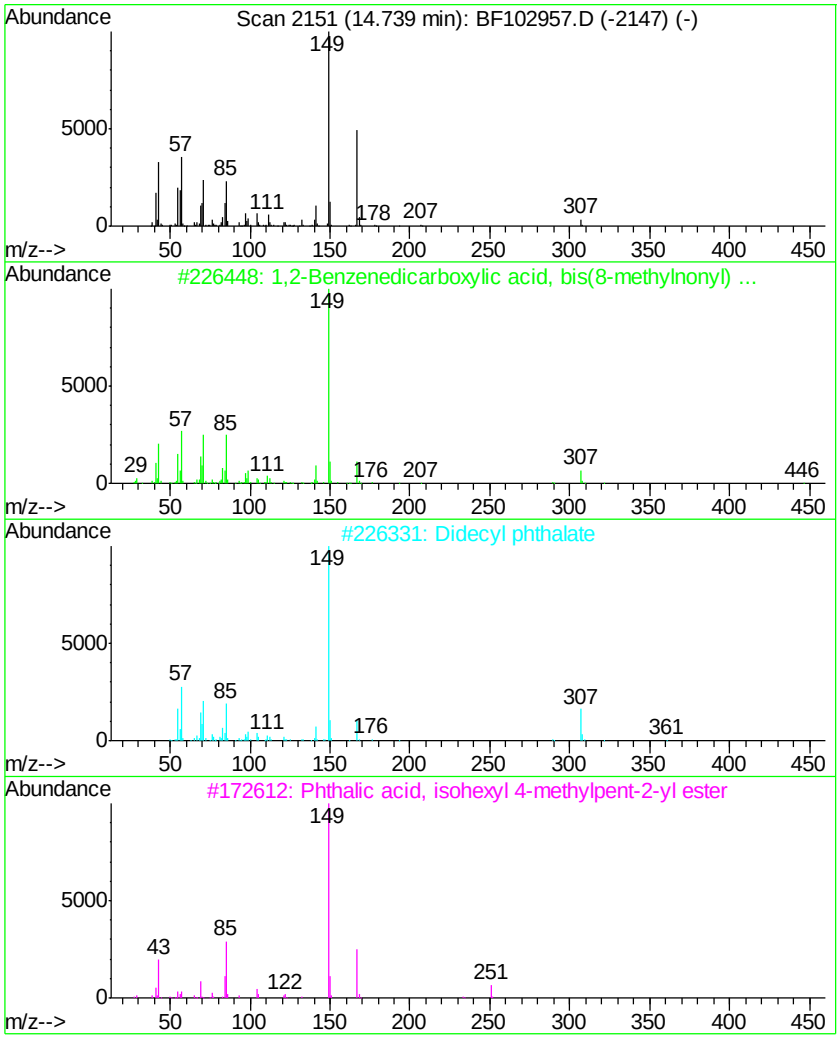
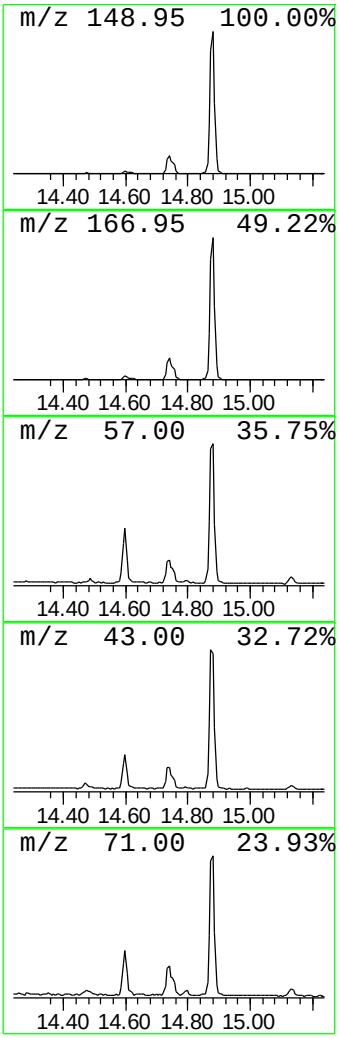
Peak Number 7 1,2-Benzenedicarboxylic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	8.23 ng	486757	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bi...	446	C28H46O4	000089-16-7	72
2	Didecyl phthalate	446	C28H46O4	000084-77-5	72
3	Phthalic acid, isohexyl 4-methyl...	334	C20H30O4	1000356-87-5	58
4	Phthalic acid, di(4-methylpent-2...	334	C20H30O4	1000356-88-6	58
5	Phthalic acid, di(6-methylhept-2...	390	C24H38O4	1000377-97-3	53





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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

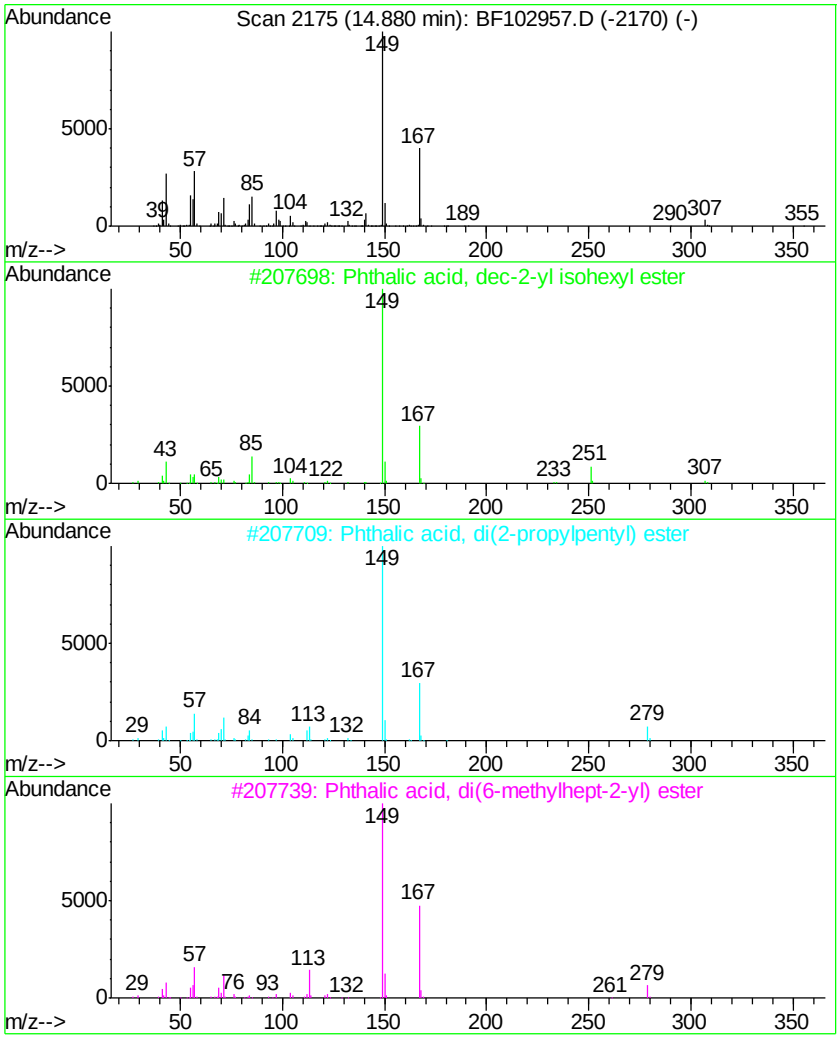
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

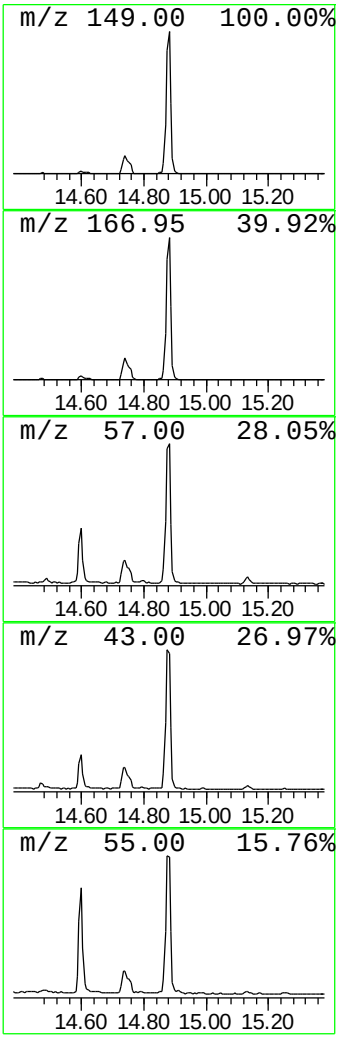
****

Peak Number 8 Phthalic acid, dec-2-yl iso... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	47.45 ng	2300080	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, dec-2-yl isohexyl...	390	C24H38O4	1000356-94-1	86
2	Phthalic acid, di(2-propylpentyl...	390	C24H38O4	1000377-93-5	80
3	Phthalic acid, di(6-methylhept-2...	390	C24H38O4	1000377-97-3	72
4	Phthalic acid, monocyclohexyl ester	248	C14H16O4	007517-36-4	64
5	Phthalic acid, hept-3-yl isohexy...	348	C21H32O4	1000356-98-9	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021318\
Data File : BF102957.D
Acq On : 13 Feb 2018 13:15
Operator : SJ/JU
Sample : J1527-01 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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
unknown6.63	6.63	8.2	ng	357483	1	6.87	872254	20.0
unknown9.77	9.77	3.0	ng	205183	3	9.91	1373850	20.0
unknown10.32	10.32	8.1	ng	557710	3	9.91	1373850	20.0
Dodecane, 2,6,11-...	10.82	2.6	ng	172214	4	11.40	1336190	20.0
Heptadecyl heptaf...	14.60	8.3	ng	490708	5	14.03	1183450	20.0
1,2-Benzenedicarb...	14.74	8.2	ng	486757	5	14.03	1183450	20.0
Phthalic acid, de...	14.88	47.4	ng	2300080	6	15.51	969527	20.0