LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110637.D
Acq On : 9 Nov 2018 19:47
Operator : JU/SJ
Sample : J5861-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CY-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-BF110818.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	2.228	20	24	32	rVB	304573	406072	11.34%	1.120%
2	5.163	520	523	531	rBV	33796	40126	1.12%	0.111%
3	5.557	587	590	608	rBV	581143	725539	20.26%	2.001%
4	5.904	643	649	652	rBV	1404108	1913229	53.43%	5.277%
5	6.563	758	761	774	rVB	437548	476793	13.32%	1.315%
6	6.657	774	777	782	rBV	82701	70994	1.98%	0.196%
7	6.710	782	786	794	rBV	1582589	1453660	40.60%	4.009%
8	6.945	822	826	831	rVV	483609	494486	13.81%	1.364%
9	7.098	848	852	856	rBV	1475279	1261332	35.23%	3.479%
10	7.510	909	922	930	rBV2	1270380	2018936	56.38%	5.568%
11	7.657	941	947	953	rVB6	44806	87012	2.43%	0.240%
12	7.740	959	961	973	rVB3	21386	47550	1.33%	0.131%
13	7.834	973	977	979	rBV	60373	56795	1.59%	0.157%
14	7.863	979	982	985	rVV	47081	40820	1.14%	0.113%
15	7.904	985	989	992	rVV3	29535	38062	1.06%	0.105%
16	7.945	992	996	1000	rVB2	48436	50939	1.42%	0.140%
17	8.045	1006	1013	1017	rBV3	68347	136124	3.80%	0.375%
18	8.181	1032	1036	1038	rBV4	36055	54396	1.52%	0.150%
19	8.222	1038	1043	1052	rVV	684496	848132	23.69%	2.339%
20	8.328	1056	1061	1065	rVB3	79035	107877	3.01%	0.298%
21	8.510	1089	1092	1096	rBV	151870	139832	3.91%	0.386%
22	8.551	1096	1099	1101	rVV	58362	60235	1.68%	0.166%
23	8.581	1102	1104	1108	rVB3	39387	42287	1.18%	0.117%
24	8.710	1122	1126	1129	rBV3	29265	37455	1.05%	0.103%
25	8.745	1129	1132	1136	rVB4	45203	52484	1.47%	0.145%
26	9.010	1170	1177	1179	rBV2	55500	85467	2.39%	0.236%
27	9.163	1197	1203	1208	rVB5	41671	72621	2.03%	0.200%
28	9.228	1211	1214	1219	rBV4	58387	75826	2.12%	0.209%
29	9.298	1221	1226	1229	rBV	2435780	2181659	60.93%	6.017%
30	9.404	1241	1244	1247	rBV	42930	47460	1.33%	0.131%
31	9.439	1247	1250	1253	rVB	211665	184878	5.16%	0.510%
32	9.569	1269	1272	1275	rBV	76613	82003	2.29%	0.226%
33	9.657	1284	1287	1290	rBV2	60681	62328	1.74%	0.172%
34	9.692	1290	1293	1294	rVV	120050	117658	3.29%	0.325%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5861-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CY-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-BF110818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.716	1295	1297	1305	rVB3	73345	125589	3.51%	0.346%
36	9.839	1314	1318	1322	rBV5	51290	80152	2.24%	0.221%
37	9.886	1322	1326	1328	rVV3	90358	112681	3.15%	0.311%
38	9.910	1328	1330	1332	rVB	69671	56413	1.58%	0.156%
39	9.986	1339	1343	1345	rBV	788195	699548	19.54%	1.929%
40	10.010	1345	1347	1350	rVB	118672	89515	2.50%	0.247%
41	10.045	1350	1353	1355	rBV2	68762	59107	1.65%	0.163%
42	10.145	1368	1370	1373	rBV3	60305	61306	1.71%	0.169%
43	10.181	1374	1376	1380	rVB3	70192	66153	1.85%	0.182%
44	10.216	1380	1382	1387	rBV3	77437	117119	3.27%	0.323%
45	10.386	1406	1411	1414	rBV4	173073	277504	7.75%	0.765%
46	10.422	1414	1417	1421	rVV3	230555	286719	8.01%	0.791%
47	10.486	1425	1428	1431	rVV	579802	493337	13.78%	1.361%
48	10.528	1432	1435	1437	rVV	212414	207622	5.80%	0.573%
49	10.622	1447	1451	1454	rBV	283034	361243	10.09%	0.996%
50	10.786	1475	1479	1482	rBV2	1366651	1384591	38.67%	3.819%
51	10.886	1492	1496	1499	rBV2	795831	851137	23.77%	2.348%
52	11.351	1573	1575	1582	rVB	406979	478011	13.35%	1.318%
53	11.486	1595	1598	1603	rVB	738633	708236	19.78%	1.953%
54	12.016	1683	1688	1691	rBV	1168369	1427189	39.86%	3.936%
55	12.810	1817	1823	1839	rVB	2059158	3580637	100.00%	9.876%
56	13.075	1864	1868	1871	rVB	1730999	1643735	45.91%	4.534%
57	13.586	1952	1955	1958	rVB	902134	707825	19.77%	1.952%
58	13.927	2010	2013	2014	rBV2	135545	158392	4.42%	0.437%
59	14.139	2045	2049	2052	rVB	476029	433974	12.12%	1.197%
60	14.604	2125	2128	2130	rBV	146347	115723	3.23%	0.319%
61	14.733	2147	2150	2155	rBV	624584	855472	23.89%	2.359%
62	14.786	2157	2159	2164	rVV	452301	730507	20.40%	2.015%
63	14.833	2165	2167	2170	rVV	382340	514317	14.36%	1.419%
64	14.874	2171	2174	2180	rVV2	573532	1179157	32.93%	3.252%
65	14.927	2180	2183	2188	rVV	440155	742359	20.73%	2.048%
66	14.986	2190	2193	2196	rVV	416907	620487	17.33%	1.711%
67	15.021	2196	2199	2204	rVV	409876	613386	17.13%	1.692%
68	15.080	2204	2209	2212	rVV	454248	628227	17.55%	1.733%
69	15.121	2213	2216	2222	rVB	277458	379314	10.59%	1.046%
70	15.180	2222	2226	2229	rVB	242935	280395	7.83%	0.773%
71	15.227	2230	2234	2240	rVB	199628	266297	7.44%	0.734%

LSC Area Percent Report

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Acq On : 9 Nov 2018 19:47
Operator : JU/SJ
Sample : J5861-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CY-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-BF110818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.280	2240	2243	2247	rVB	127236	139630	3.90%	0.385%
73	15.498	2277	2280	2288	rVB	161251	227613	6.36%	0.628%
74	15.621	2297	2301	2304	rBV	124823	149680	4.18%	0.413%
75	15.663	2304	2308	2318	rVB	343418	468069	13.07%	1.291%
76	15.780	2325	2328	2333	rVB2	42966	58613	1.64%	0.162%
77	16.074	2373	2378	2383	rVB2	100487	156062	4.36%	0.430%
78	16.598	2463	2467	2474	rVB	54337	92446	2.58%	0.255%

Sum of corrected areas: 36256556

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110637.D
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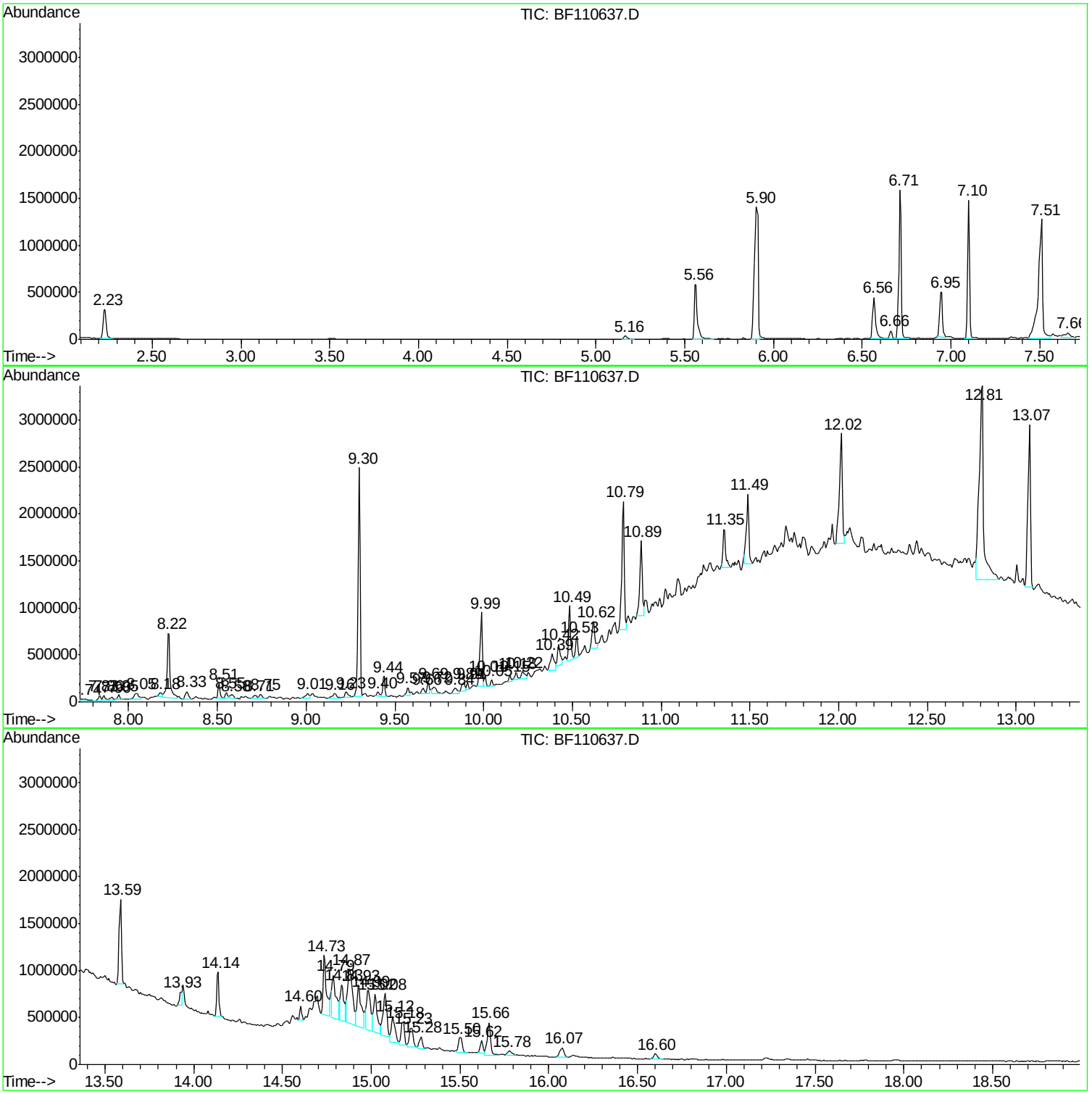
Operator : JU/SJ
Sample : J5861-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CY-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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\BF110918\
Data File : BF110637.D
Acq On : 9 Nov 2018 19:47
Operator : JU/SJ
Sample : J5861-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CY-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

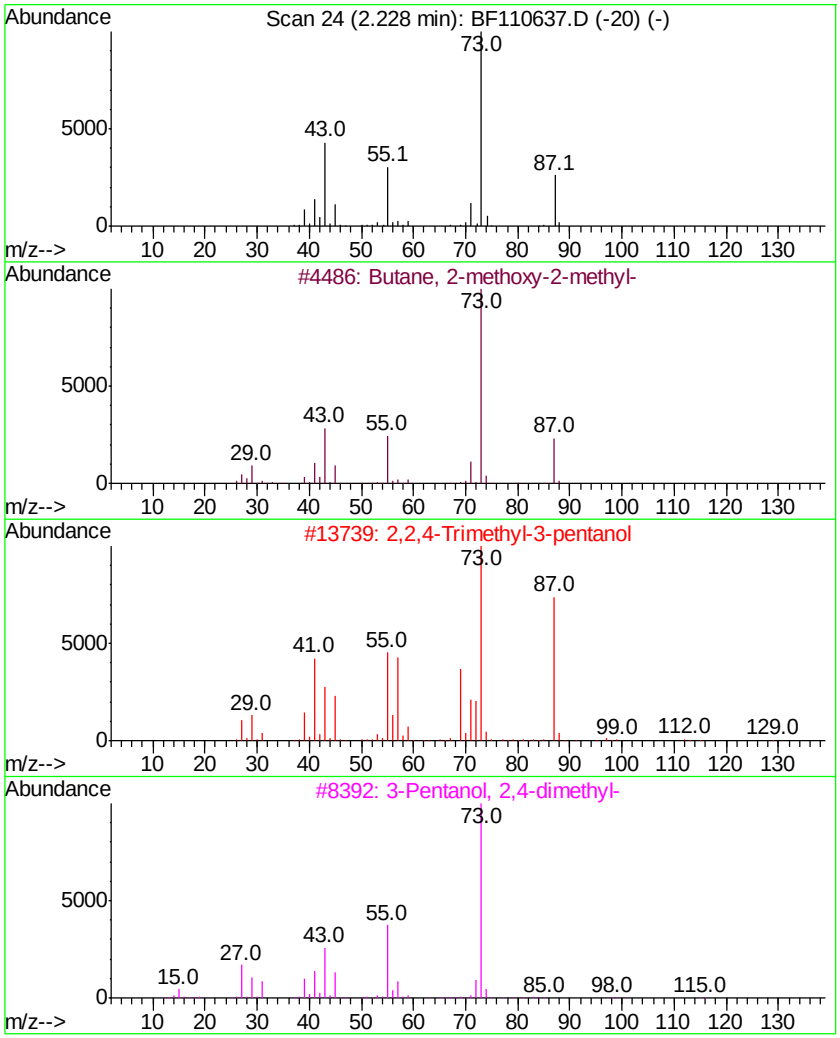
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

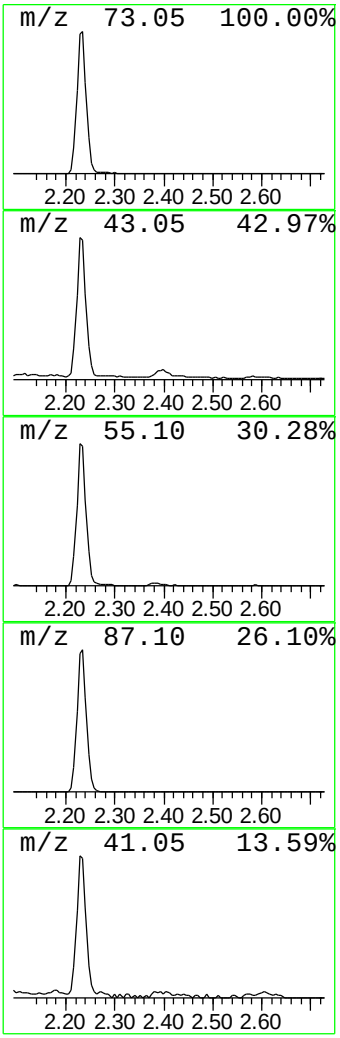
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	16.42 ng	406072	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
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Sample : J5861-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CY-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

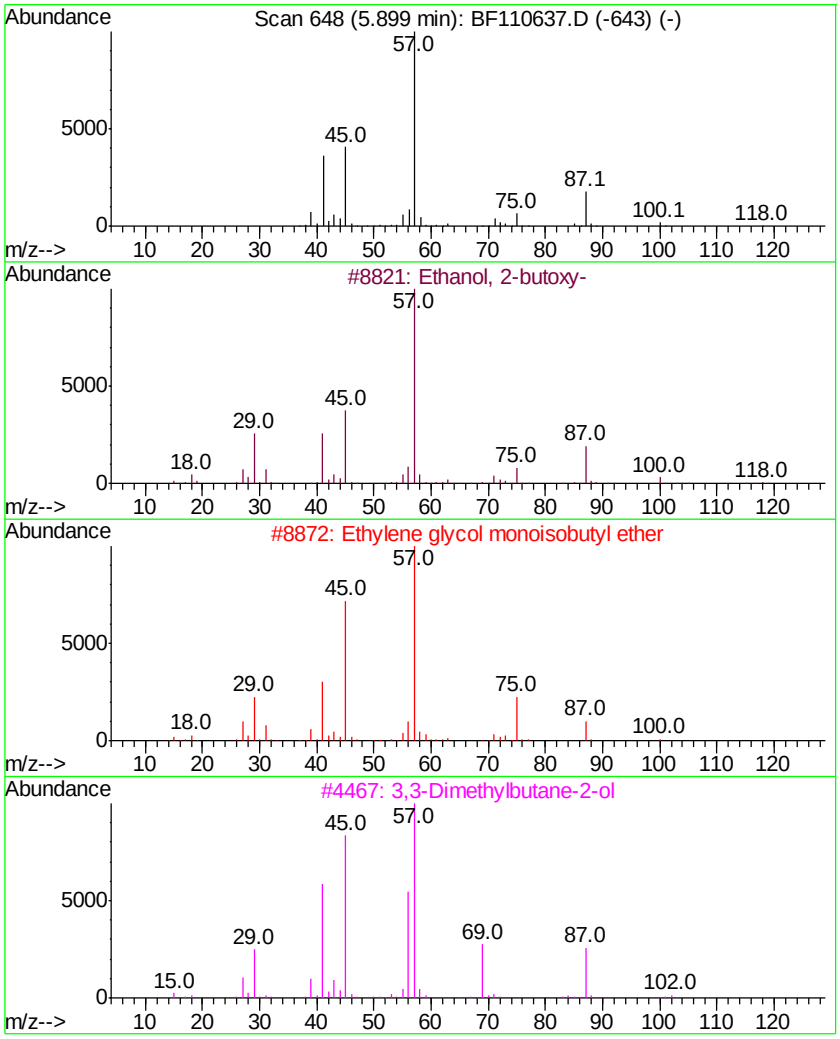
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

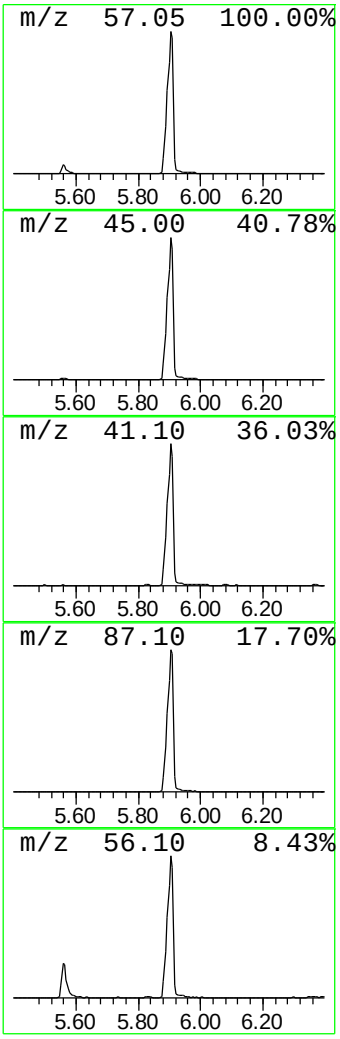
****

Peak Number 2 Ethanol, 2-butoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.90	77.38 ng	1913230	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	78
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	36
4	Formic acid, 3,3-dimethylbut-2-y...	130	C7H14O2	1000368-20-5	23
5	n-Butyl ether	130	C8H18O	000142-96-1	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
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Sample : J5861-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CY-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

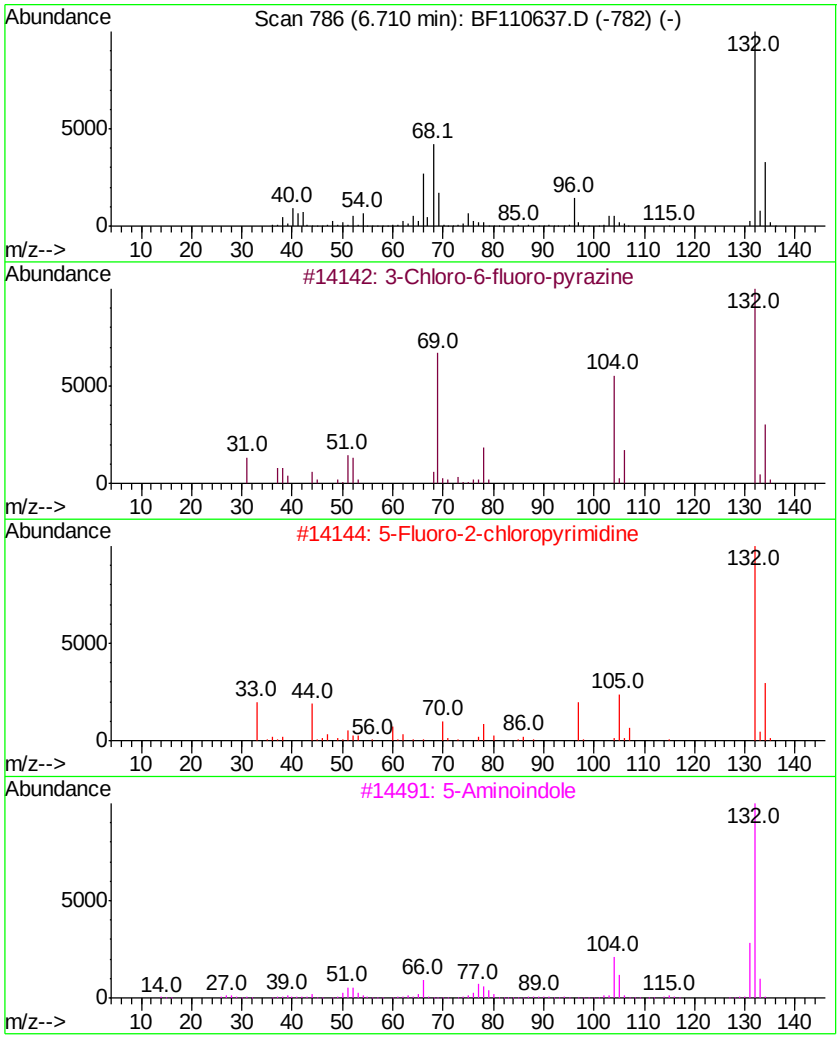
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

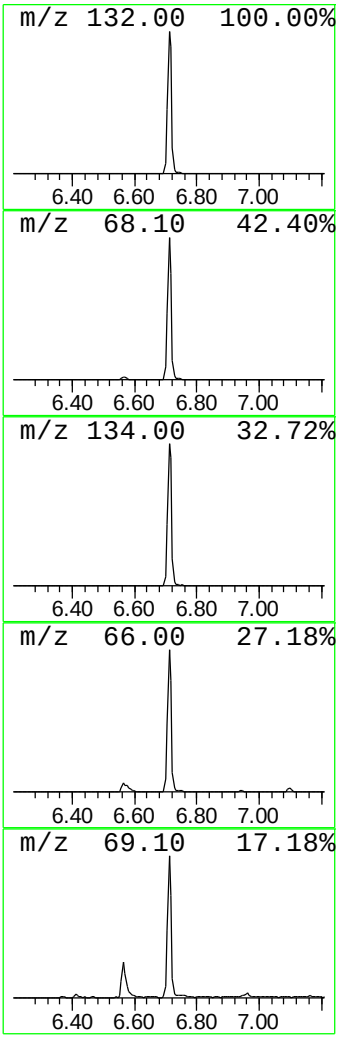
****

Peak Number 3 unknown6.71 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	58.79 ng	1453660	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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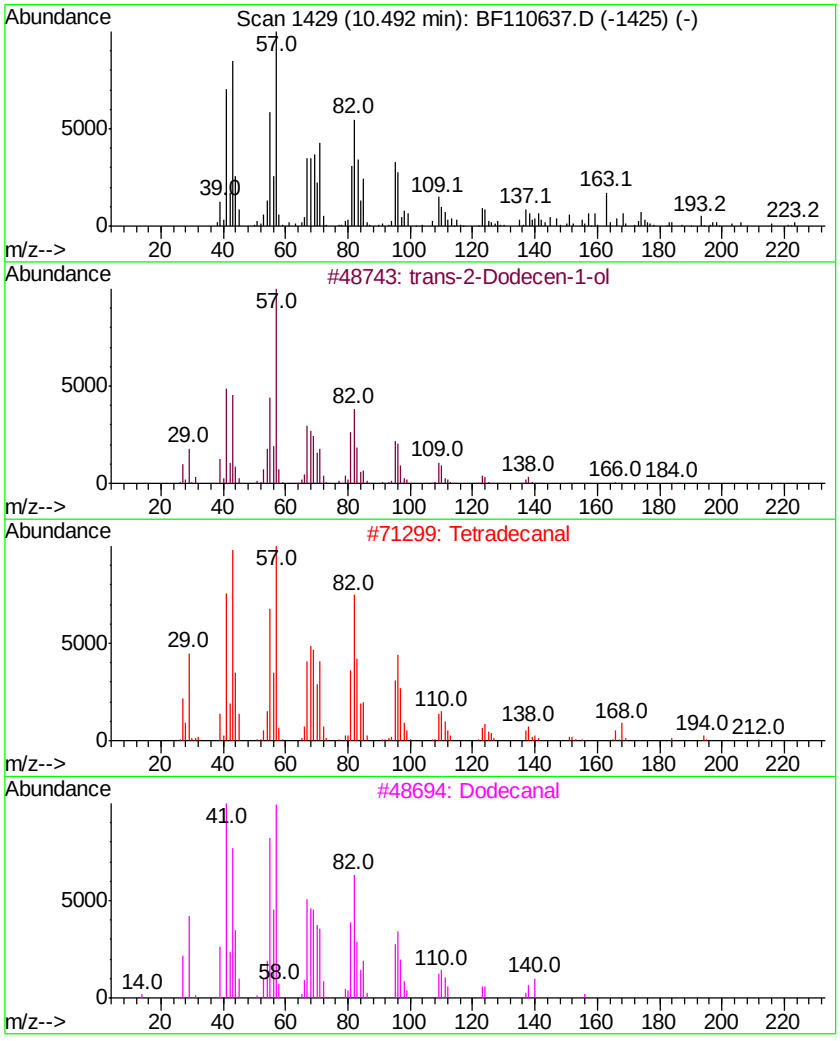
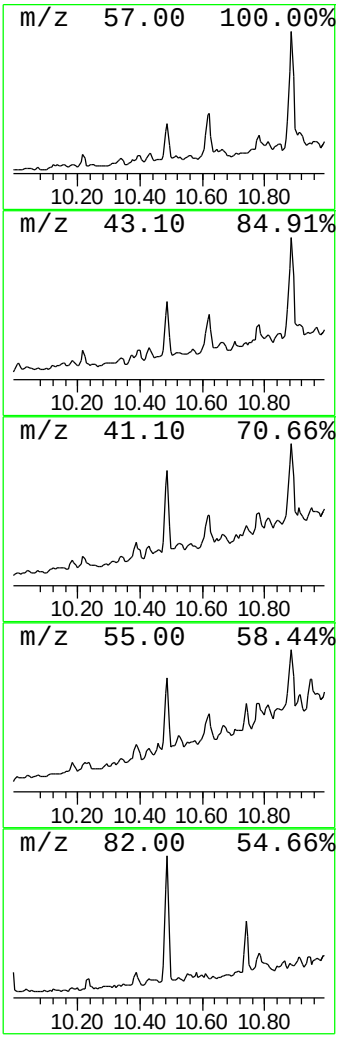
****

Peak Number 5 trans-2-Dodecen-1-ol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	14.10 ng	493337	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2-Dodecen-1-ol	184	C12H24O	069064-37-5	93
2	Tetradecanal	212	C14H28O	000124-25-4	91
3	Dodecanal	184	C12H24O	000112-54-9	91
4	Pentadecanal-	226	C15H30O	002765-11-9	91
5	1,11-Undecanediol	188	C11H24O2	000765-04-8	87





Library Search Compound Report

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CY-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

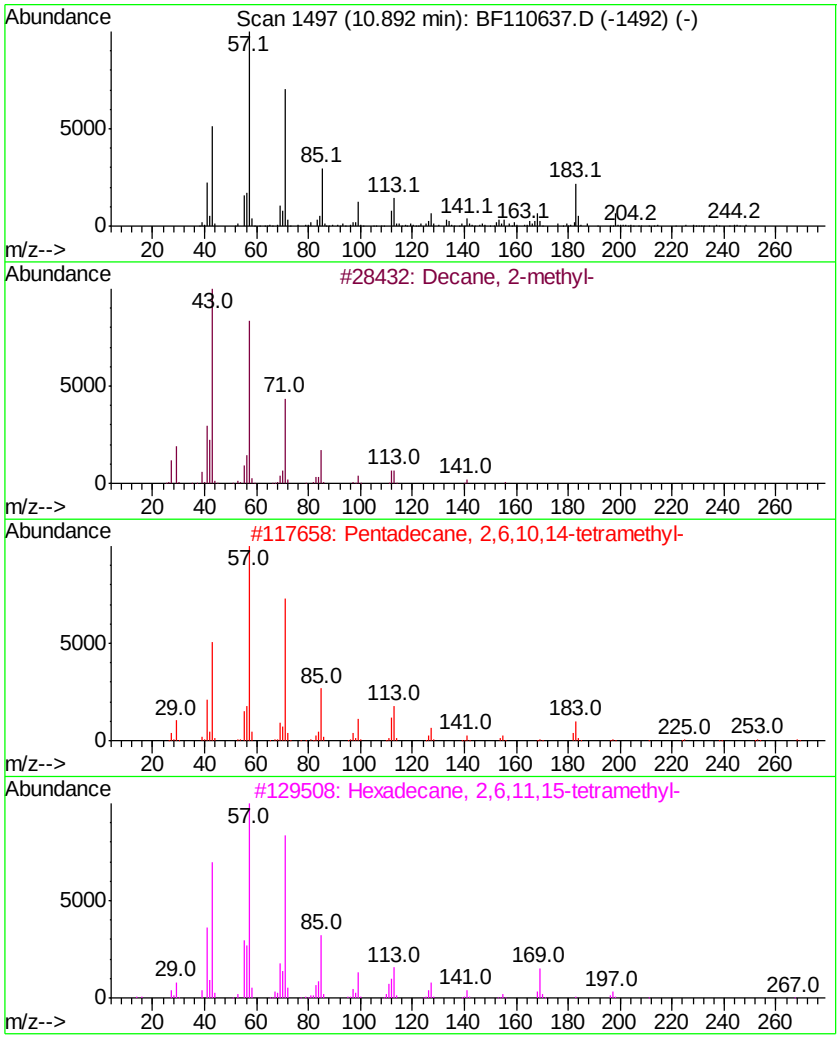
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

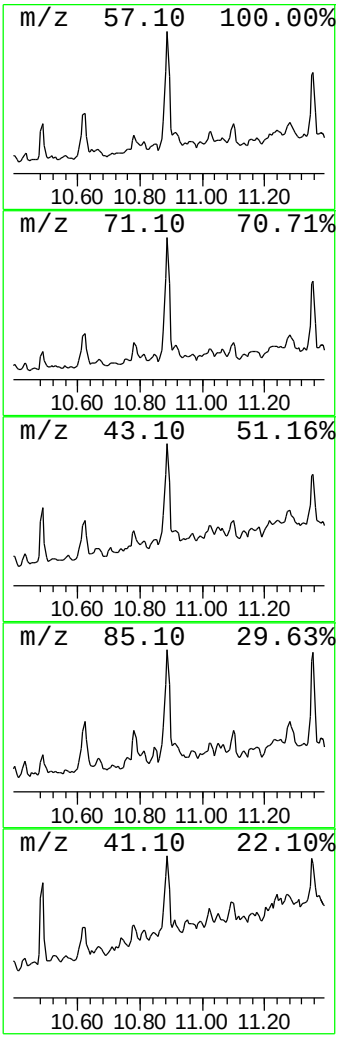
****

Peak Number 6 Decane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	24.04 ng	851137	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	81
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72
4	Heptacosane	380	C27H56	000593-49-7	72
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	60





Library Search Compound Report

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Data File : BF110637.D
Acq On : 9 Nov 2018 19:47
Operator : JU/SJ
Sample : J5861-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CY-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

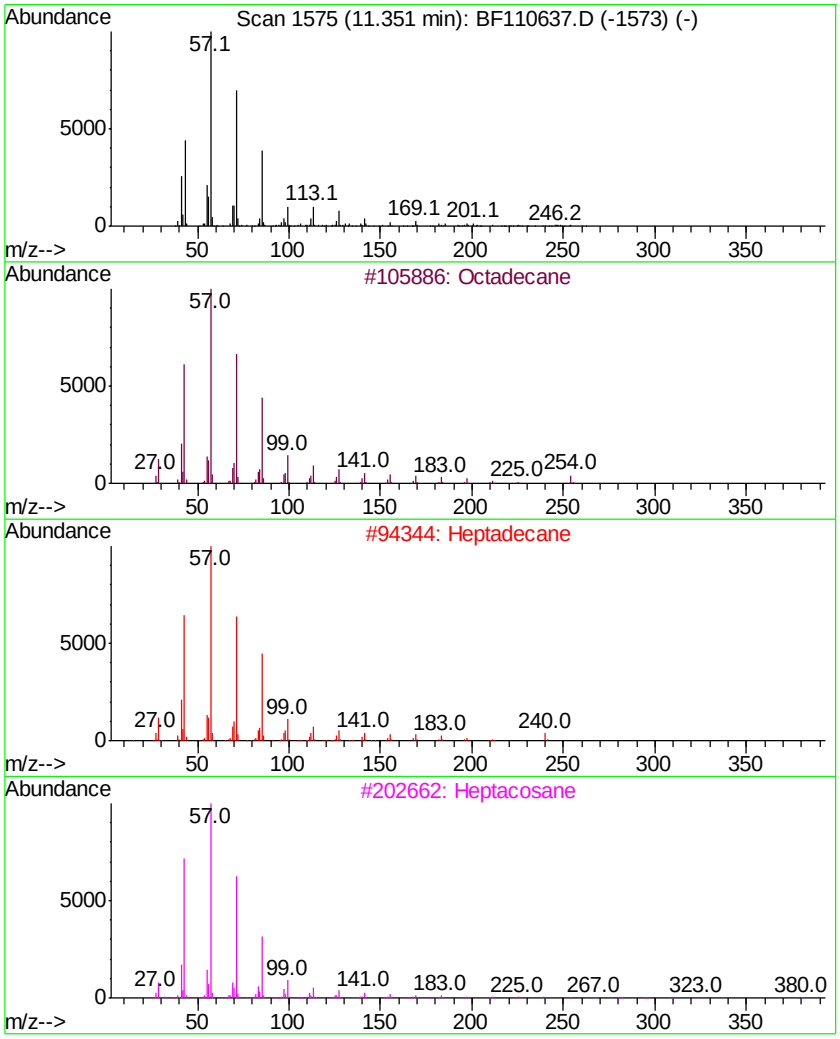
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

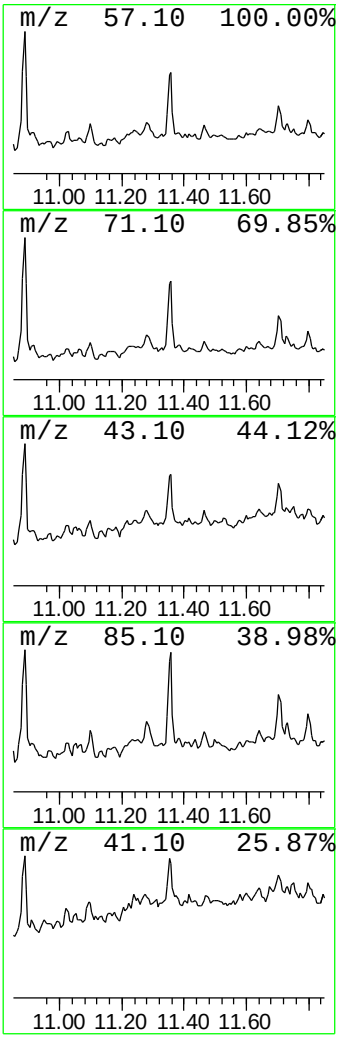
****

Peak Number 7 Octadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	13.50 ng	478011	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Heptadecane	240	C17H36	000629-78-7	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Tridecane	184	C13H28	000629-50-5	87
5	Octacosane	394	C28H58	000630-02-4	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110637.D
Acq On : 9 Nov 2018 19:47
Operator : JU/SJ
Sample : J5861-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CY-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

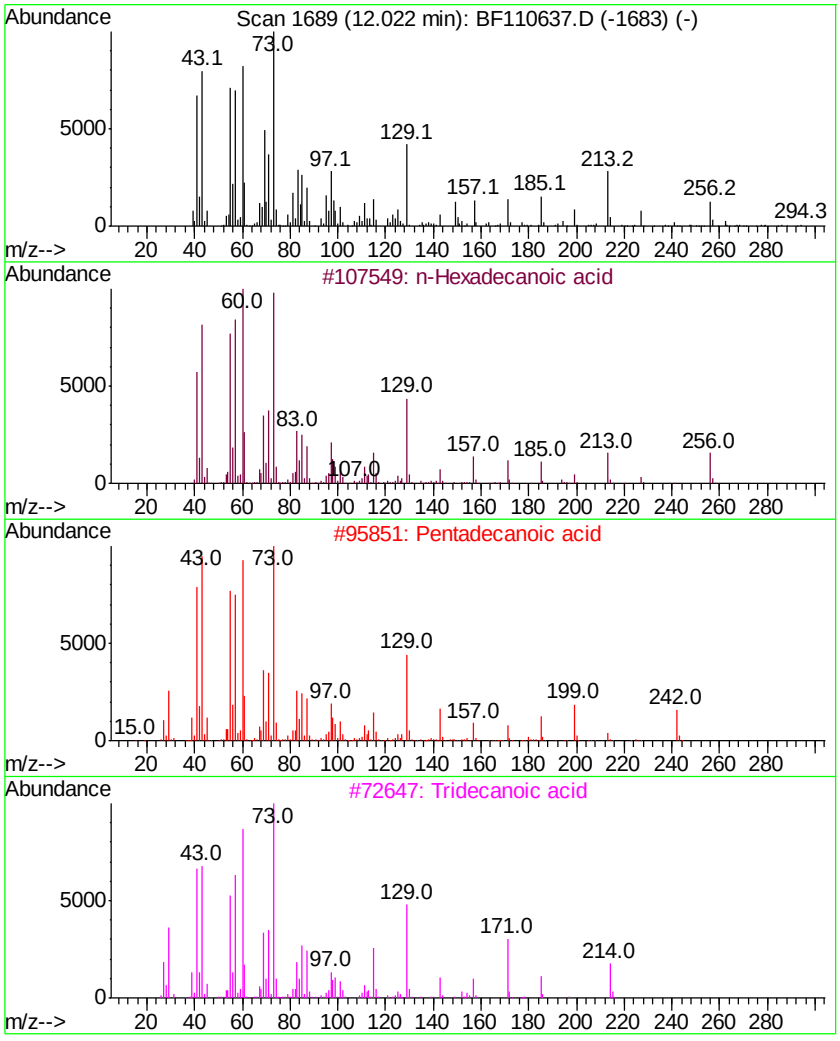
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

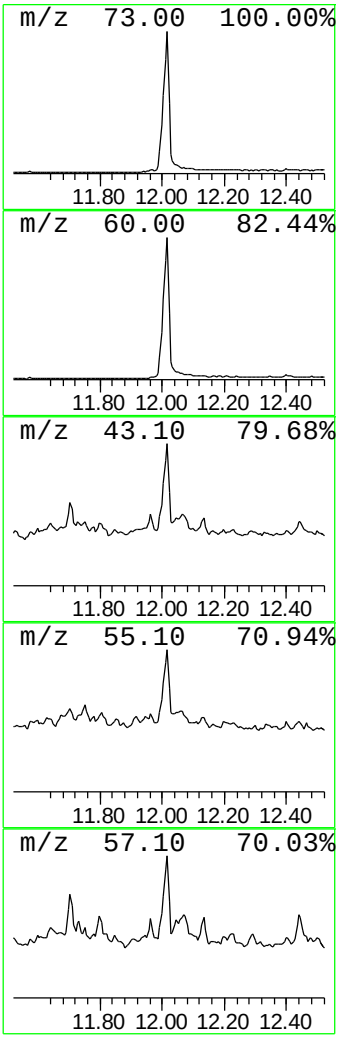
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	40.30 ng	1427190	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Isopropyl palmitate	298	C19H38O2	000142-91-6	64





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Operator : JU/SJ
Sample : J5861-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CY-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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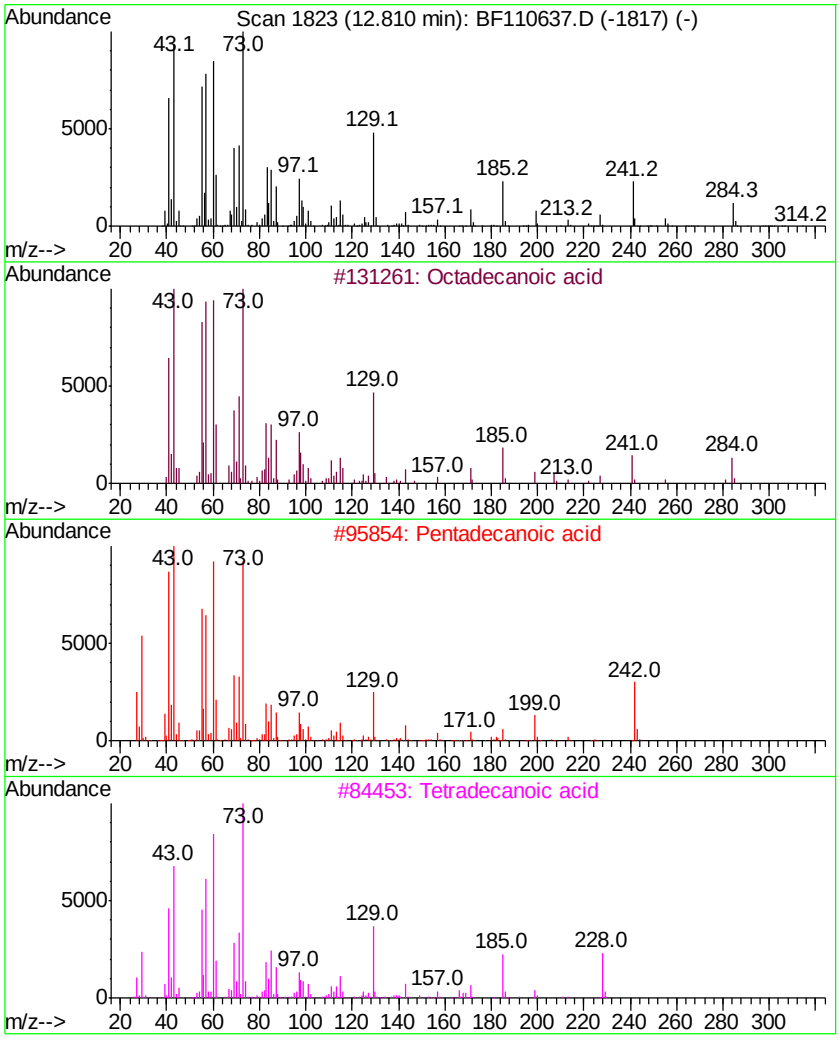
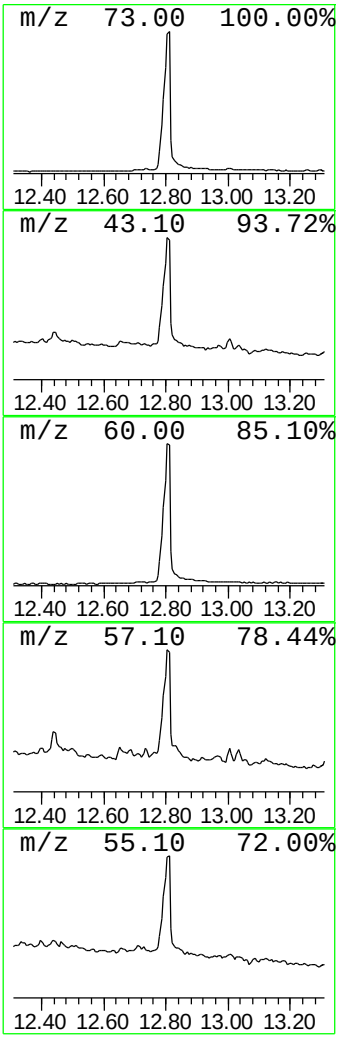
****

Peak Number 9 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	101.11 ng	3580640	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	30





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Sample : J5861-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CY-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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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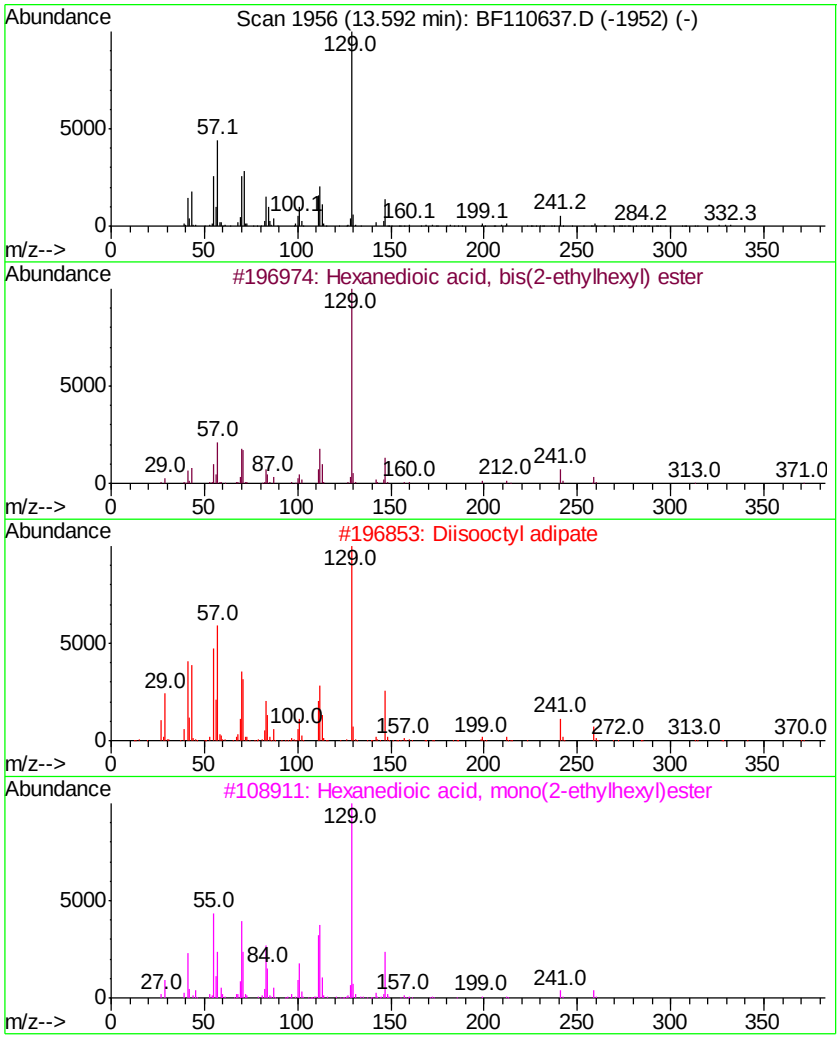
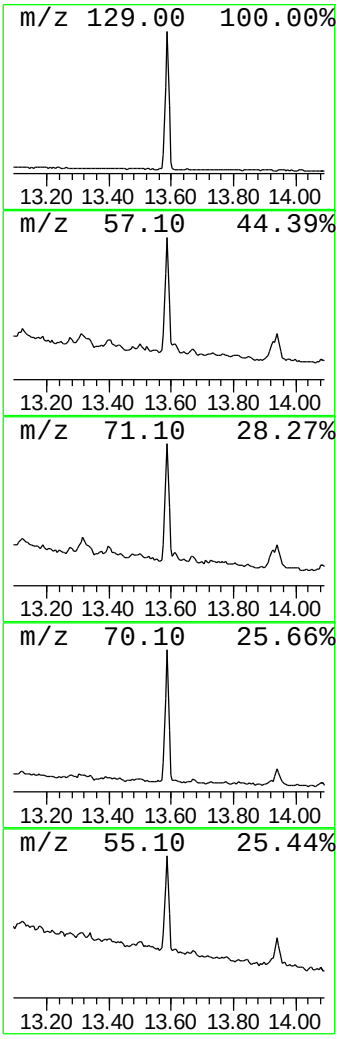
Peak Number 10 Hexanedioic acid, bis(2-eth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	32.62 ng	707825	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Diisooctyl adipate	370	C22H42O4	001330-86-5	78
3	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	68
4	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	62
5	Adipic acid, cycloheptyl isohexy...	326	C19H34O4	1000324-71-8	50





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Operator : JU/SJ
Sample : J5861-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CY-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
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TIC Library : C:\DATABASE\NIST11.L
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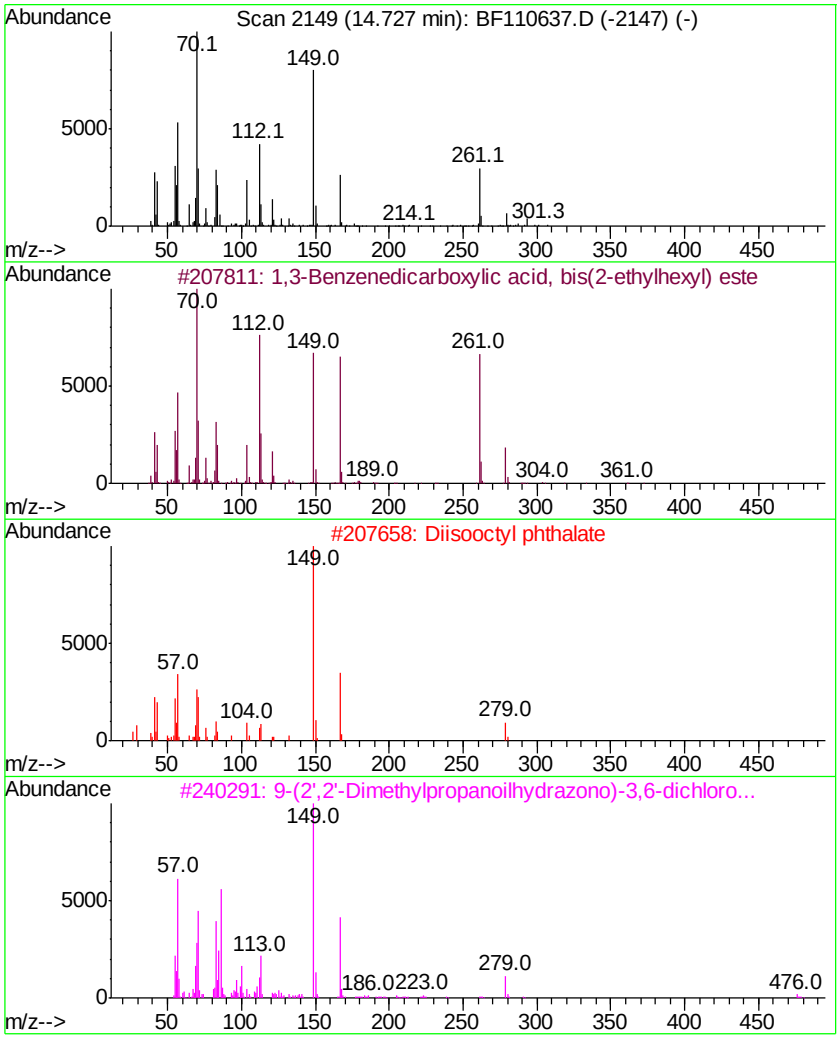
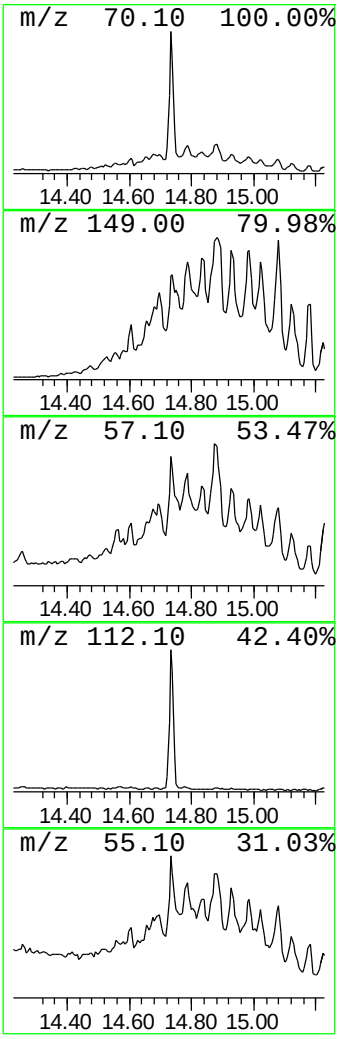
Peak Number 11 unknown14.73 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	39.43 ng	855472	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	46
2	Diisooctyl phthalate	390	C24H38O4	000131-20-4	35
3	9-(2',2'-Dimethylpropanoilhydraz...	576	C30H42Cl2N4O3	1000111-04-6	30
4	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	27
5	Phthalic acid, 3,5-difluoropheny...	418	C24H28F2O4	1000315-53-1	22





Library Search Compound Report

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Acq On : 9 Nov 2018 19:47
Operator : JU/SJ
Sample : J5861-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CY-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

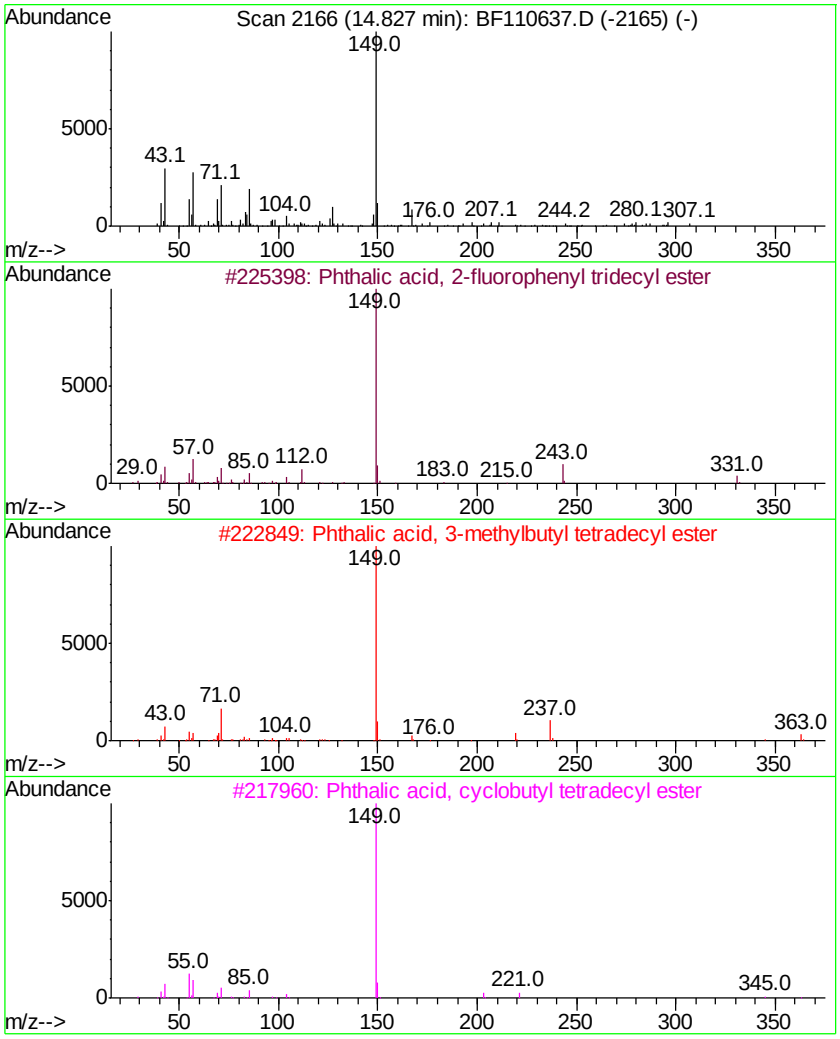
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

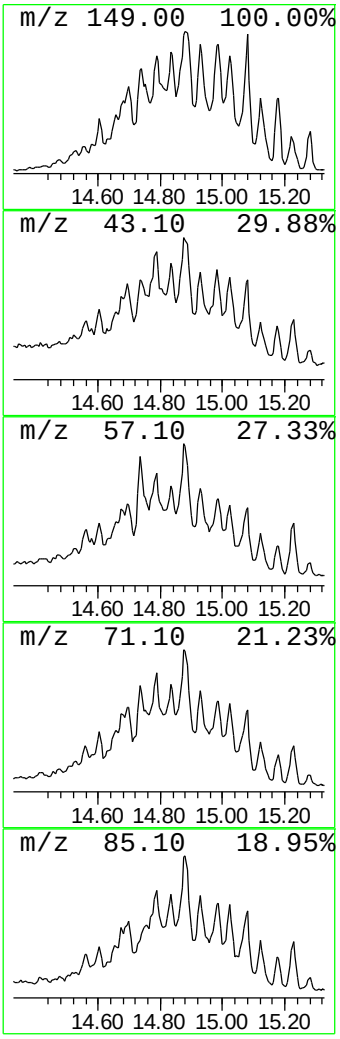
****

Peak Number 13 Phthalic acid, 2-fluorophen... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	23.70 ng	514317	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2-fluorophenyl tr...	442	C27H35FO4	1000356-50-4	72
2	Phthalic acid, 3-methylbutyl tet...	432	C27H44O4	1000356-81-5	59
3	Phthalic acid, cyclobutyl tetrad...	416	C26H40O4	1000314-90-9	59
4	Phthalic acid, hexyl 4-methylpen...	334	C20H30O4	1000356-87-6	59
5	Phthalic acid, cycloheptyl isohe...	346	C21H30O4	1000322-83-1	53





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Data File : BF110637.D
Acq On : 9 Nov 2018 19:47
Operator : JU/SJ
Sample : J5861-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CY-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

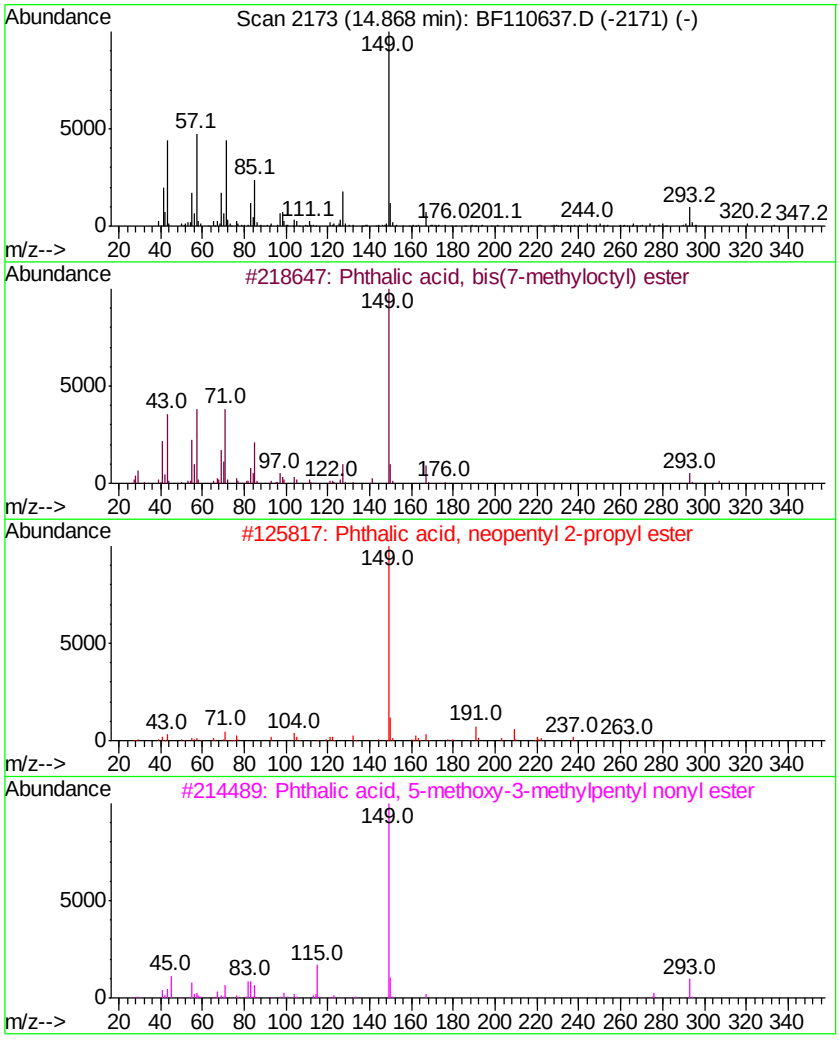
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

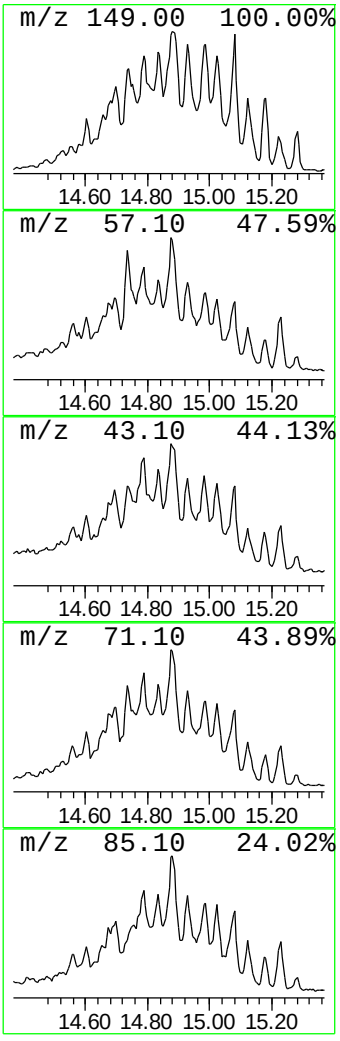
****

Peak Number 14 Phthalic acid, bis(7-methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	54.34 ng	1179160	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, bis(7-methyloctyl...	418	C26H42O4	020548-62-3	87
2	Phthalic acid, neopentyl 2-propy...	278	C16H22O4	1000315-56-1	58
3	Phthalic acid, 5-methoxy-3-methy...	406	C24H38O5	1000314-89-0	47
4	Phthalic acid, cycloheptyl isohe...	346	C21H30O4	1000322-83-1	46
5	1,2-Benzenedicarboxylic acid, bi...	250	C14H18O4	000605-45-8	45





Library Search Compound Report

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Acq On : 9 Nov 2018 19:47
Operator : JU/SJ
Sample : J5861-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CY-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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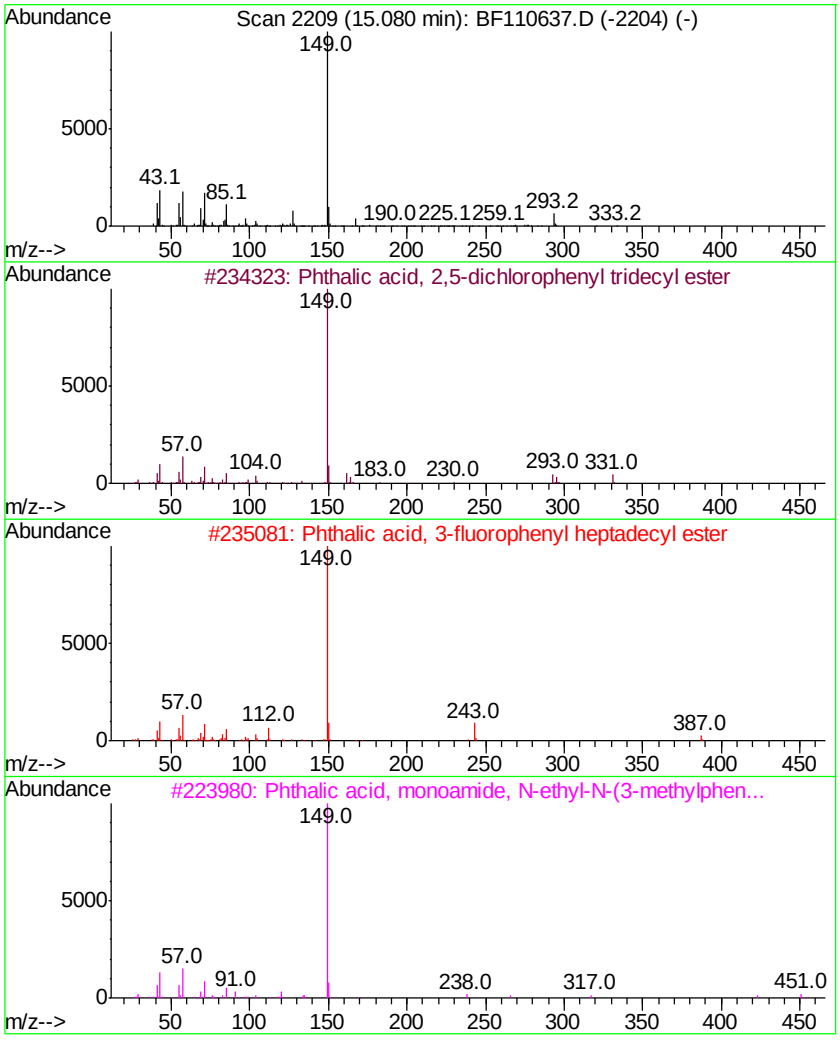
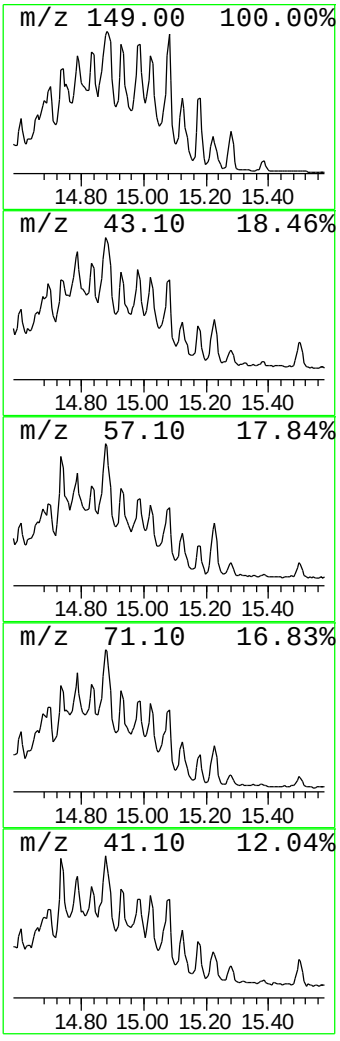
Peak Number 18 Phthalic acid, 2,5-dichloro... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	26.84 ng	628227	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2,5-dichlorophenv...	492	C27H34Cl2O4	1000356-66-3	72
2	Phthalic acid, 3-fluorophenyl he...	498	C31H43FO4	1000356-66-2	72
3	Phthalic acid, monoamide, N-ethy...	437	C28H39NO3	1000309-86-5	64
4	Phthalic acid, hexyl 2-methylpen...	334	C20H30O4	1000356-91-1	64
5	Phthalic acid, 2-fluorophenyl un...	414	C25H31FO4	1000356-17-6	64





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Instrument : BNA_F
ClientSampleId : CY-OILY-WATER

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TIC Library : C:\DATABASE\NIST11.L
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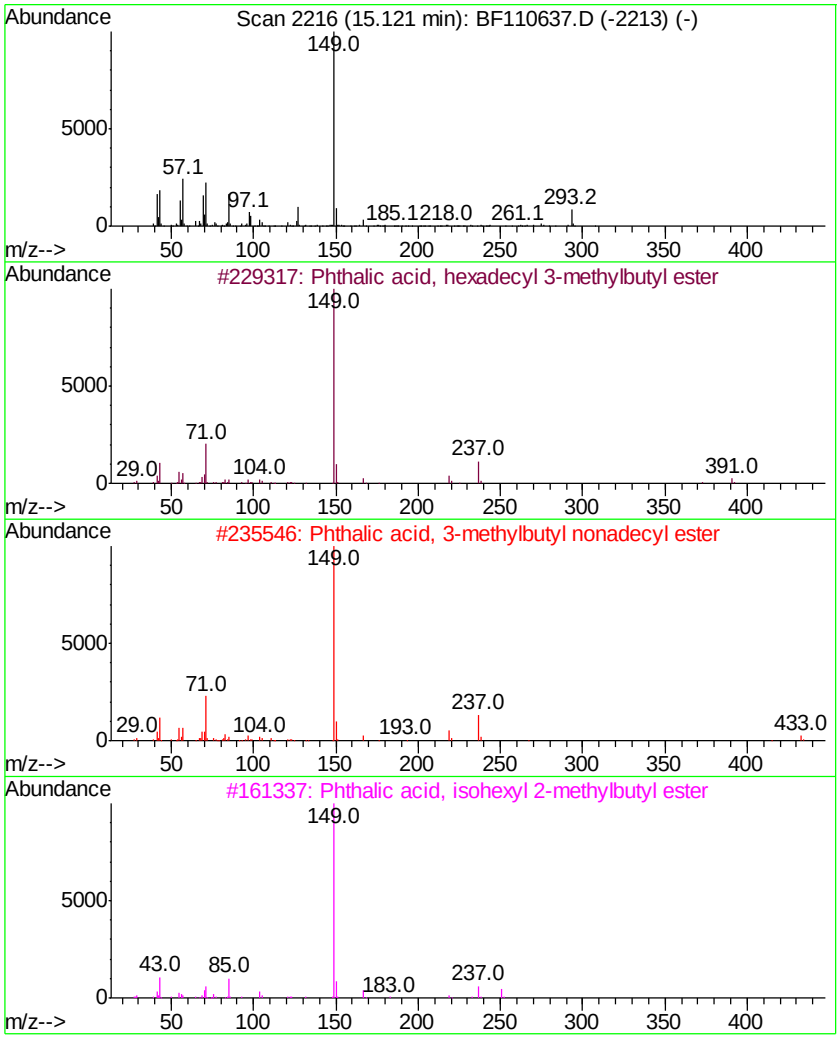
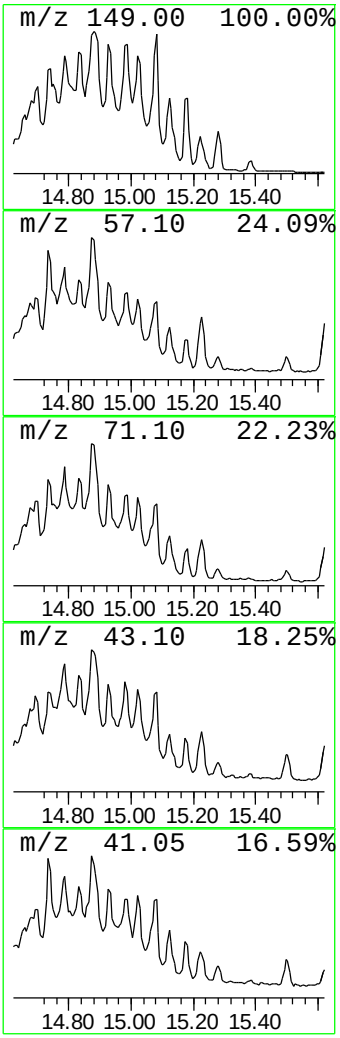
Peak Number 19 Phthalic acid, hexadecyl 3-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	16.21 ng	379314	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, hexadecyl 3-methy...	460	C29H48O4	1000356-81-7	64
2	Phthalic acid, 3-methylbutyl non...	502	C32H54O4	1000356-82-0	64
3	Phthalic acid, isohexyl 2-methyl...	320	C19H28O4	1000322-81-3	59
4	Phthalic acid, 3-methylbut-3-eny...	360	C22H32O4	1000357-10-7	59
5	Phthalic acid, dodecyl nonyl ester	460	C29H48O4	1000308-92-6	59





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

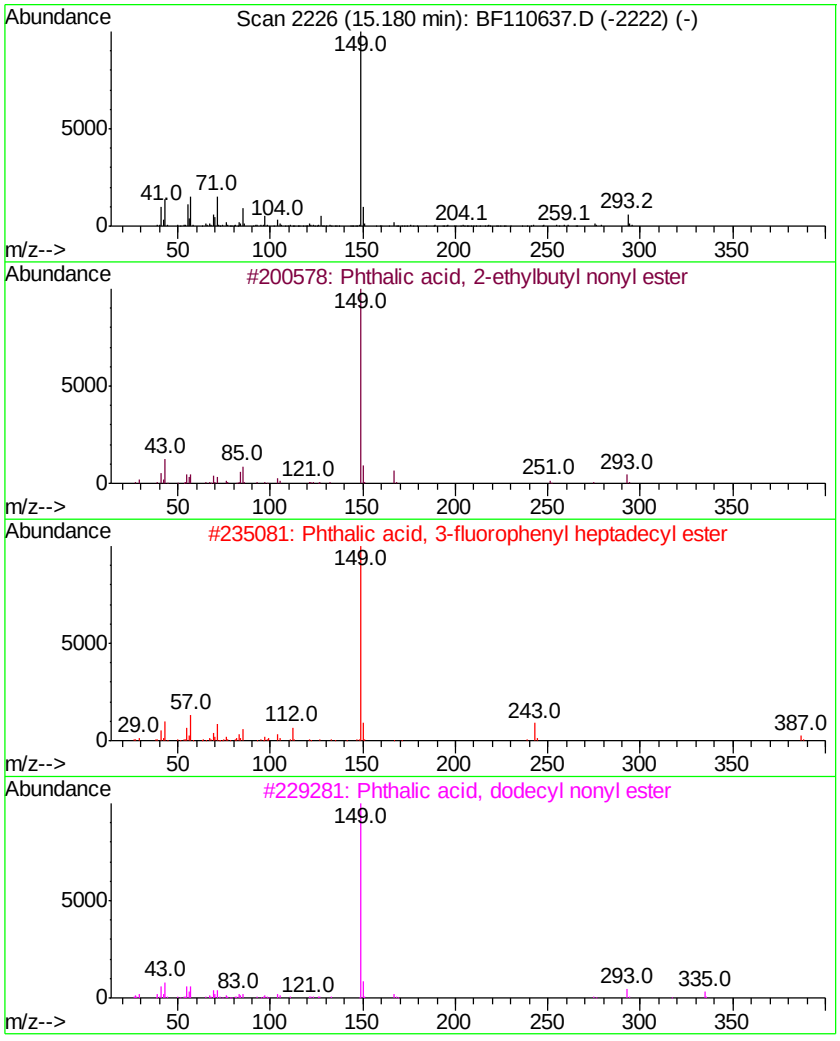
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

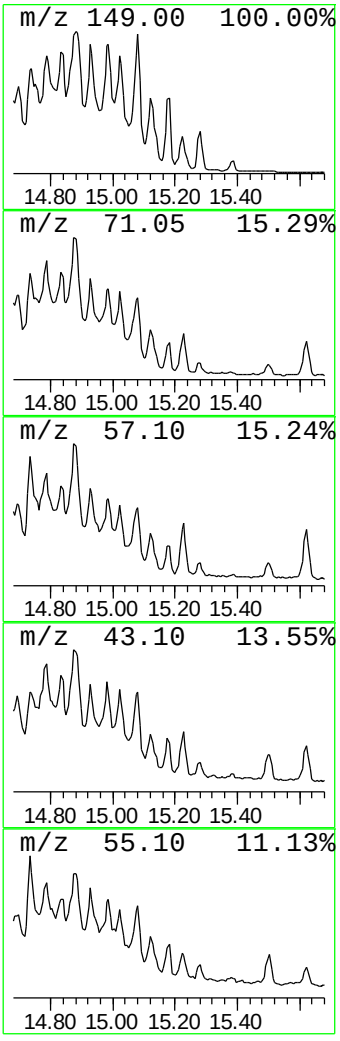
****

Peak Number 20 Phthalic acid, 2-ethylbutyl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	11.98 ng	280395	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2-ethylbutyl nonyl...	376	C23H36O4	1000356-89-4	80
2	Phthalic acid, 3-fluorophenyl he...	498	C31H43FO4	1000356-66-2	72
3	Phthalic acid, dodecyl nonyl ester	460	C29H48O4	1000308-92-6	72
4	Phthalic acid, 3-fluorophenyl he...	484	C30H41FO4	1000356-66-4	72
5	Phthalic acid, heptyl undecyl ester	418	C26H42O4	1000308-94-0	64





Tentatively Identified Compound (LSC) summary

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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
Butane, 2-methoxy...	2.23	16.4	ng	406072	1	6.95	494486	20.0
Ethanol, 2-butoxy-	5.90	77.4	ng	1913230	1	6.95	494486	20.0
unknown6.71	6.71	58.8	ng	1453660	1	6.95	494486	20.0
trans-2-Dodecen-1-ol	10.49	14.1	ng	493337	3	9.99	699548	20.0
Decane, 2-methyl-	10.89	24.0	ng	851137	4	11.49	708236	20.0
Octadecane	11.35	13.5	ng	478011	4	11.49	708236	20.0
n-Hexadecanoic acid	12.02	40.3	ng	1427190	4	11.49	708236	20.0
Octadecanoic acid	12.81	101.1	ng	3580640	4	11.49	708236	20.0
Hexanedioic acid,...	13.59	32.6	ng	707825	5	14.14	433974	20.0
unknown14.73	14.73	39.4	ng	855472	5	14.14	433974	20.0
Phthalic acid, 2-...	14.83	23.7	ng	514317	5	14.14	433974	20.0
Phthalic acid, bi...	14.87	54.3	ng	1179160	5	14.14	433974	20.0
Phthalic acid, 2,...	15.08	26.8	ng	628227	6	15.66	468069	20.0
Phthalic acid, he...	15.12	16.2	ng	379314	6	15.66	468069	20.0
Phthalic acid, 2-...	15.18	12.0	ng	280395	6	15.66	468069	20.0