LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100545.D
Acq On : 14 Nov 2017 16:27
Operator : SJ/JU
Sample : I6389-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-20

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-BF110817.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	2.193	15	18	22	rVB2	24177	33617	1.18%	0.106%
2	2.316	36	39	49	rVB4	17637	30931	1.09%	0.098%
3	5.110	510	514	525	rVB	415255	527445	18.52%	1.666%
4	5.504	576	581	585	rBV	2461883	2617250	91.91%	8.266%
5	6.057	671	675	678	rBV	42524	32369	1.14%	0.102%
6	6.434	736	739	743	rVB	374025	309700	10.88%	0.978%
7	6.510	746	752	759	rBV	2413886	2847777	100.00%	8.994%
8	6.657	772	777	780	rBV	2575709	2624098	92.15%	8.287%
9	6.887	812	816	819	rBV	1089559	891981	31.32%	2.817%
10	7.040	838	842	846	rVB	2022021	1802234	63.29%	5.692%
11	7.292	882	885	893	rVB2	18462	33779	1.19%	0.107%
12	7.445	906	911	914	rBV	1704115	1611356	56.58%	5.089%
13	7.475	914	916	920	rVB2	185839	147195	5.17%	0.465%
14	7.528	920	925	928	rVB	85144	93129	3.27%	0.294%
15	7.869	974	983	987	rBV4	83730	146550	5.15%	0.463%
16	7.910	987	990	994	rVB	39227	33336	1.17%	0.105%
17	8.139	1026	1029	1031	rBV	121217	117555	4.13%	0.371%
18	8.169	1031	1034	1037	rVB	1274952	1118401	39.27%	3.532%
19	8.628	1107	1112	1115	rBV3	39704	34131	1.20%	0.108%
20	8.716	1123	1127	1130	rBV	164192	135110	4.74%	0.427%
21	8.939	1159	1165	1168	rBV	1299953	1338716	47.01%	4.228%
22	9.145	1196	1200	1202	rBV	124659	115629	4.06%	0.365%
23	9.163	1202	1203	1211	rVB	63783	51769	1.82%	0.163%
24	9.239	1211	1216	1219	rBV	2834999	2550019	89.54%	8.053%
25	9.392	1238	1242	1245	rVB	108735	79154	2.78%	0.250%
26	9.628	1279	1282	1286	rBV	246592	200342	7.04%	0.633%
27	9.922	1328	1332	1336	rVB	1339149	1087542	38.19%	3.435%
28	10.633	1447	1453	1456	rBV	327029	288309	10.12%	0.911%
29	10.710	1461	1466	1469	rVV	1362737	1189205	41.76%	3.756%
30	10.769	1473	1476	1478	rVV	35337	37827	1.33%	0.119%
31	10.822	1481	1485	1489	rVB2	64302	78595	2.76%	0.248%
32	11.039	1518	1522	1528	rBV2	47730	76602	2.69%	0.242%
33	11.092	1528	1531	1537	rVB	68788	75849	2.66%	0.240%
34	11.175	1537	1545	1549	rBV7	26302	43879	1.54%	0.139%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100545.D
Acq On : 14 Nov 2017 16:27
Operator : SJ/JU
Sample : I6389-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-20

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-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.380	1577	1580	1581	rBV	54484	39438	1.38%	0.125%
36	11.410	1581	1585	1588	rVB	1017693	894579	31.41%	2.825%
37	11.904	1666	1669	1670	rBV	68400	52798	1.85%	0.167%
38	11.922	1670	1672	1676	rVV2	62971	56050	1.97%	0.177%
39	11.986	1680	1683	1687	rVV	43782	43635	1.53%	0.138%
40	12.022	1687	1689	1694	rVB	85693	78285	2.75%	0.247%
41	12.498	1765	1770	1774	rVV	594240	965965	33.92%	3.051%
42	12.545	1775	1778	1788	rVV	587564	1109633	38.96%	3.504%
43	12.616	1788	1790	1795	rVB2	73590	78715	2.76%	0.249%
44	12.992	1849	1854	1857	rBV	1973368	1797638	63.12%	5.677%
45	13.127	1873	1877	1883	rBV	132068	221361	7.77%	0.699%
46	13.174	1883	1885	1890	rVB	56822	63356	2.22%	0.200%
47	13.451	1929	1932	1939	rBV6	22379	44347	1.56%	0.140%
48	13.874	2001	2004	2011	rBV	171952	182530	6.41%	0.576%
49	14.016	2025	2028	2029	rBV	38731	36447	1.28%	0.115%
50	14.045	2029	2033	2036	rVB	972311	831437	29.20%	2.626%
51	15.521	2279	2284	2291	rBV	461453	608741	21.38%	1.923%
52	15.886	2342	2346	2351	rVB	286665	383987	13.48%	1.213%
53	15.945	2352	2356	2359	rVV	214994	290446	10.20%	0.917%
54	15.986	2359	2363	2368	rVB	487041	660853	23.21%	2.087%
55	16.080	2374	2379	2386	rVB	381273	577308	20.27%	1.823%
56	16.580	2460	2464	2470	rVB	150802	245016	8.60%	0.774%

Sum of corrected areas: 31663946

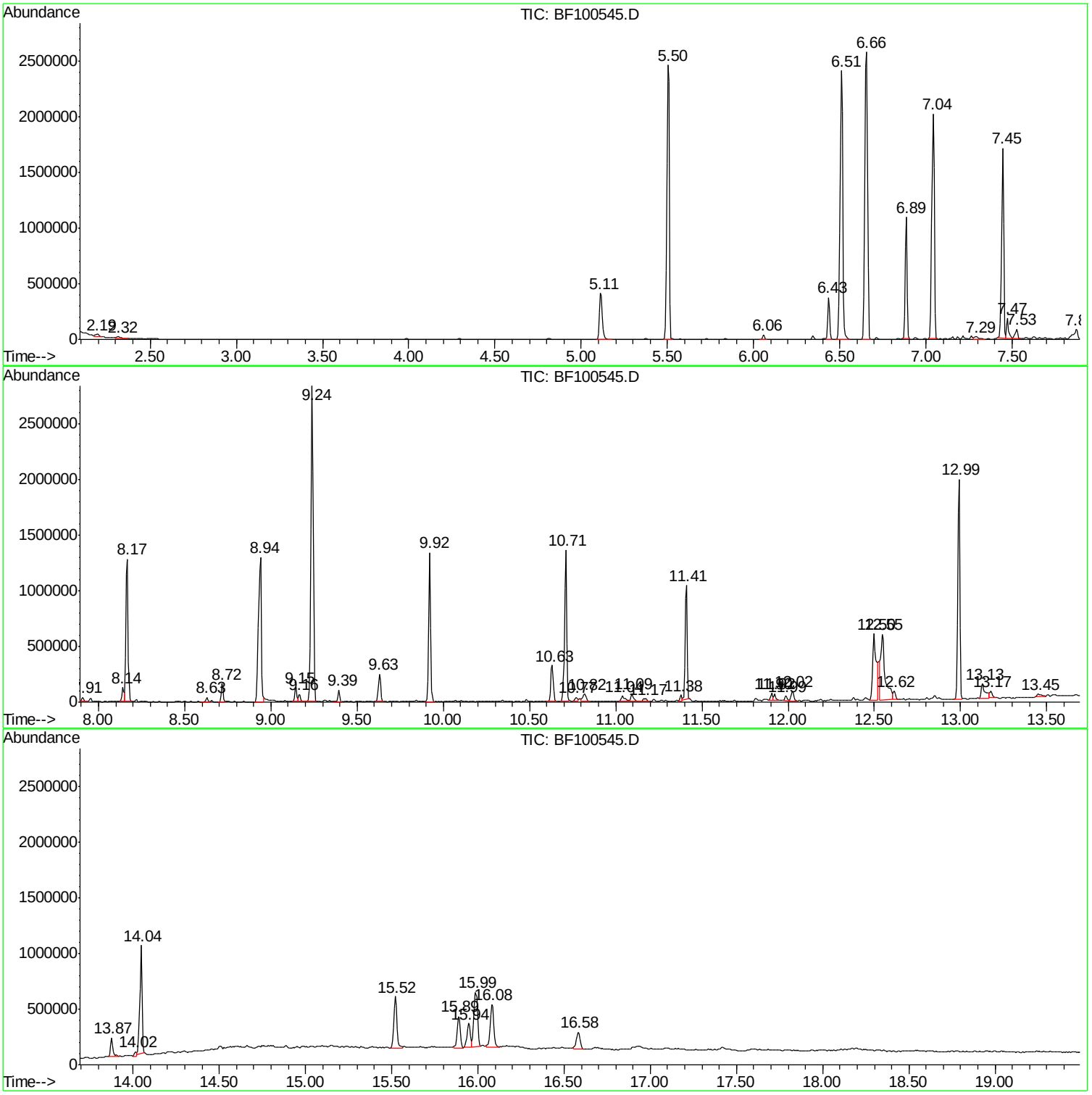
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100545.D
Acq On : 14 Nov 2017 16:27
Operator : SJ/JU
Sample : I6389-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100545.D
Acq On : 14 Nov 2017 16:27
Operator : SJ/JU
Sample : I6389-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

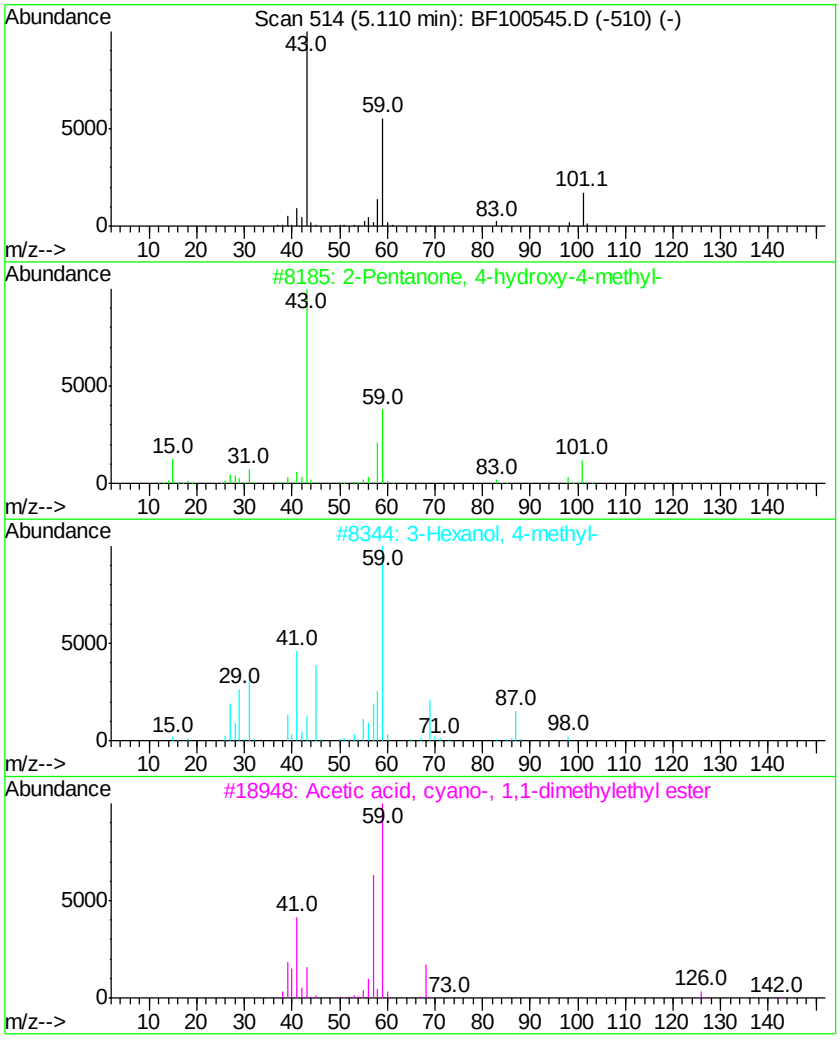
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

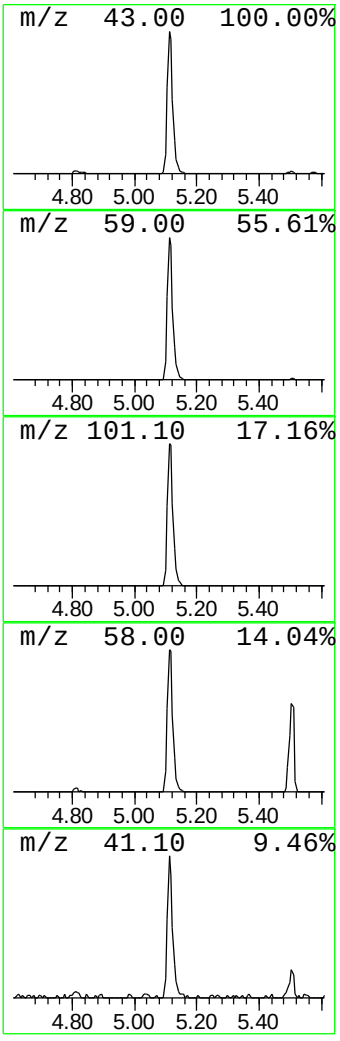
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	11.83 ng	527445	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100545.D
Acq On : 14 Nov 2017 16:27
Operator : SJ/JU
Sample : I6389-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

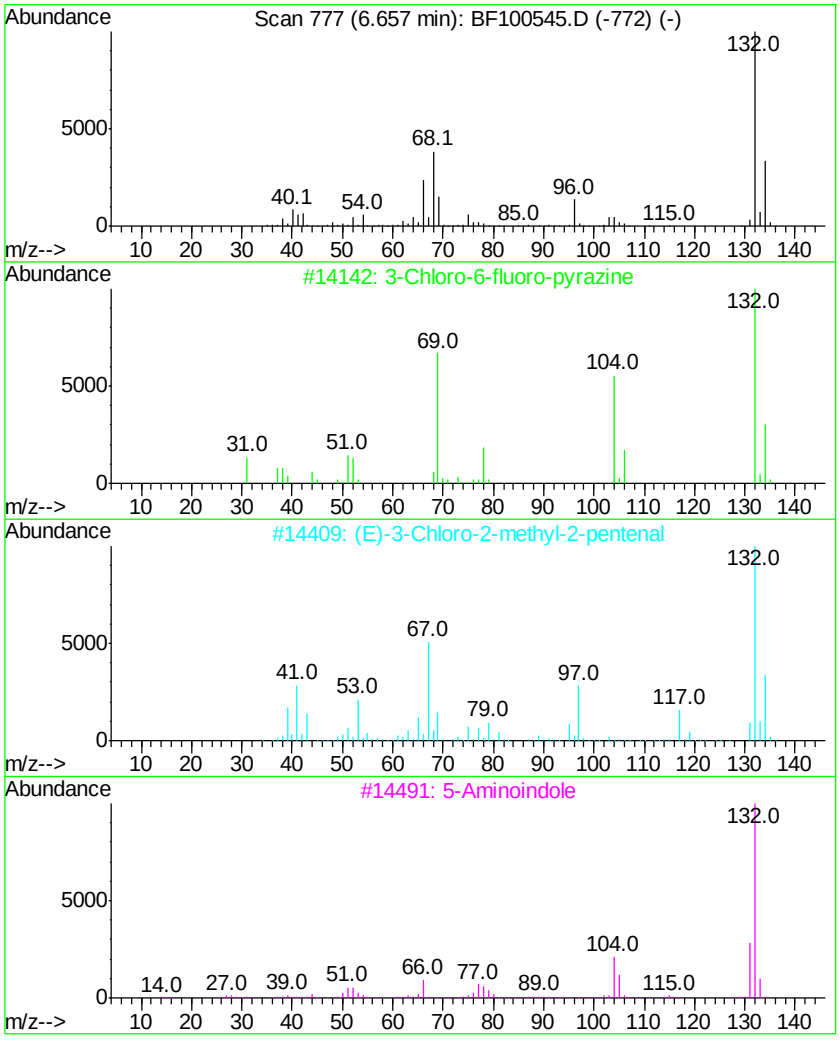
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

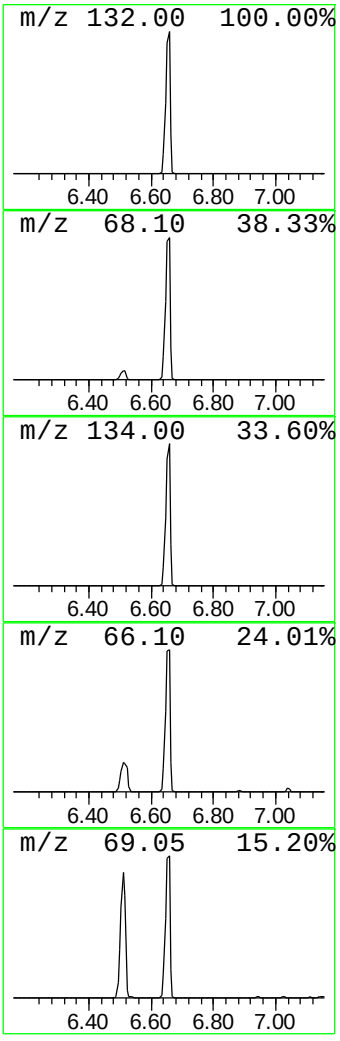
****

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	58.84 ng	2624100	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100545.D
Acq On : 14 Nov 2017 16:27
Operator : SJ/JU
Sample : I6389-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

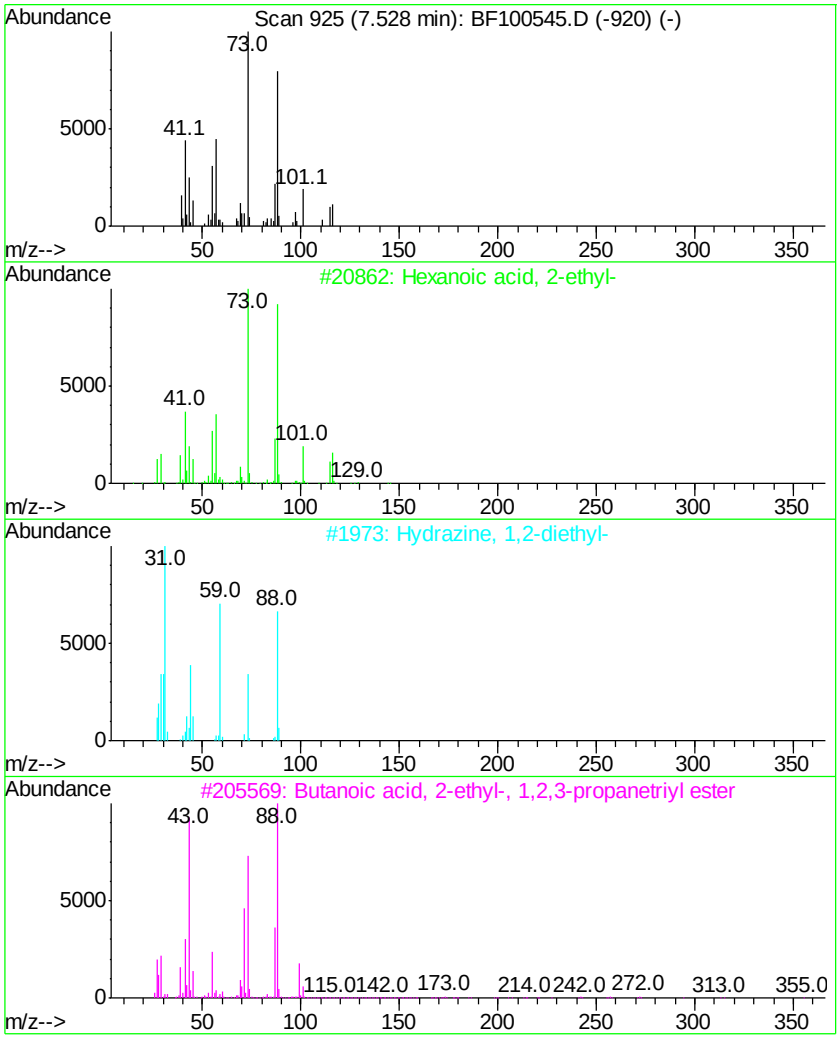
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

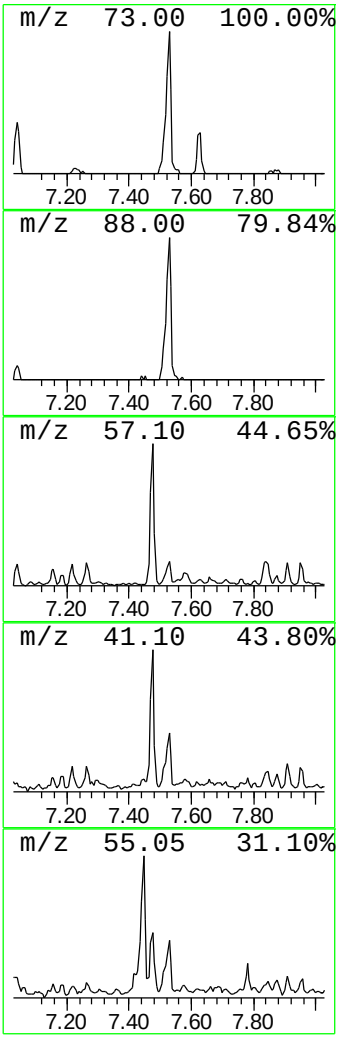
****

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	2.09 ng	93129	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
2	Hydrazine, 1,2-diethyl-	88	C4H12N2	001615-80-1	47
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	42
4	Methyl-4-deoxy-2-O-methyl.beta.l...	204	C8H12O6	1000312-10-0	40
5	1,4-Dioxane	88	C4H8O2	000123-91-1	38





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100545.D
Acq On : 14 Nov 2017 16:27
Operator : SJ/JU
Sample : I6389-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

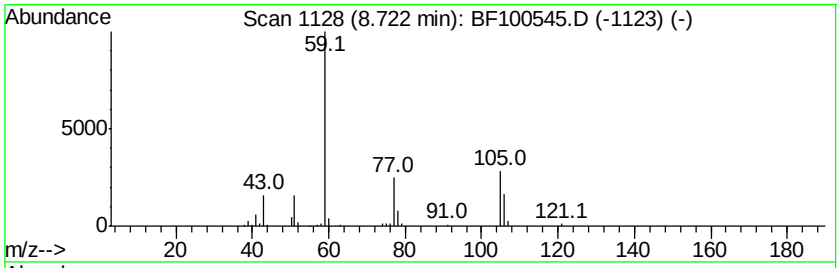
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

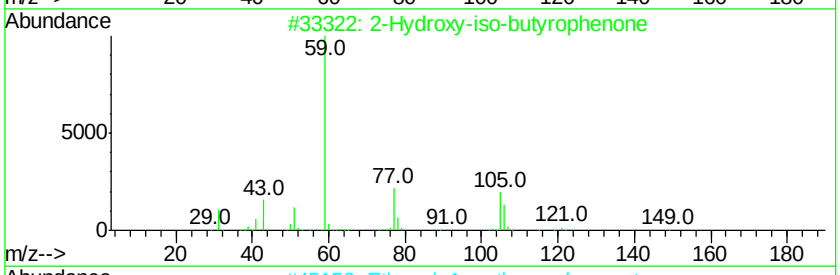
****

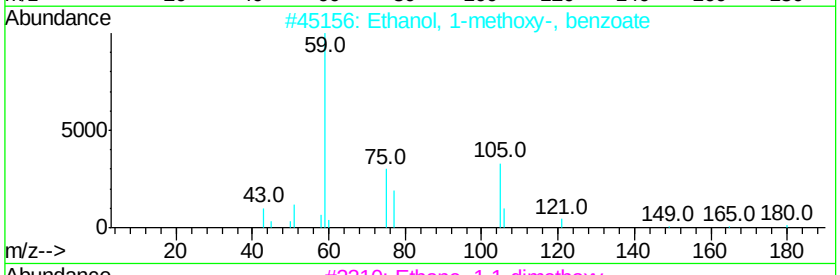
Peak Number 5 2-Hydroxy-iso-butyrophenone Concentration Rank 15

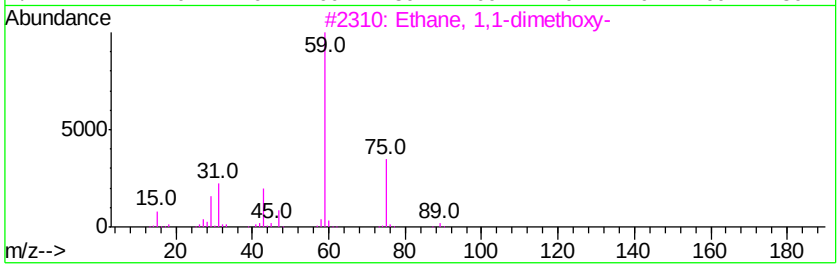
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	2.42 ng	135110	Naphthalene-d8	8.17

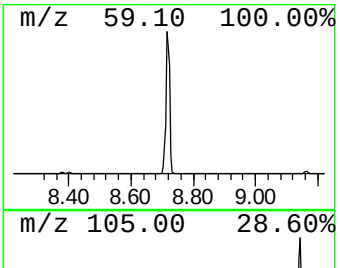
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	90
2	Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	72
3	Ethane, 1,1-dimethoxy-	90	C4H10O2	000534-15-6	9
4	Formamide, N-methyl-	59	C2H5NO	000123-39-7	7
5	Guanidine	59	CH5N3	000113-00-8	7

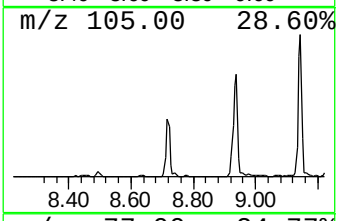


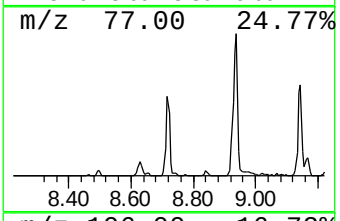


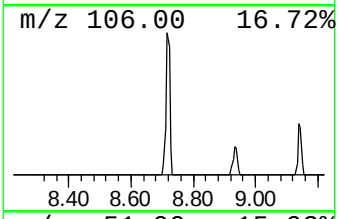


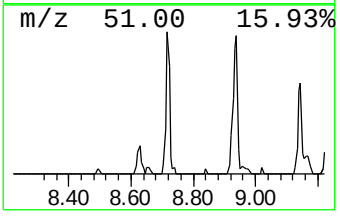












Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100545.D
Acq On : 14 Nov 2017 16:27
Operator : SJ/JU
Sample : I6389-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

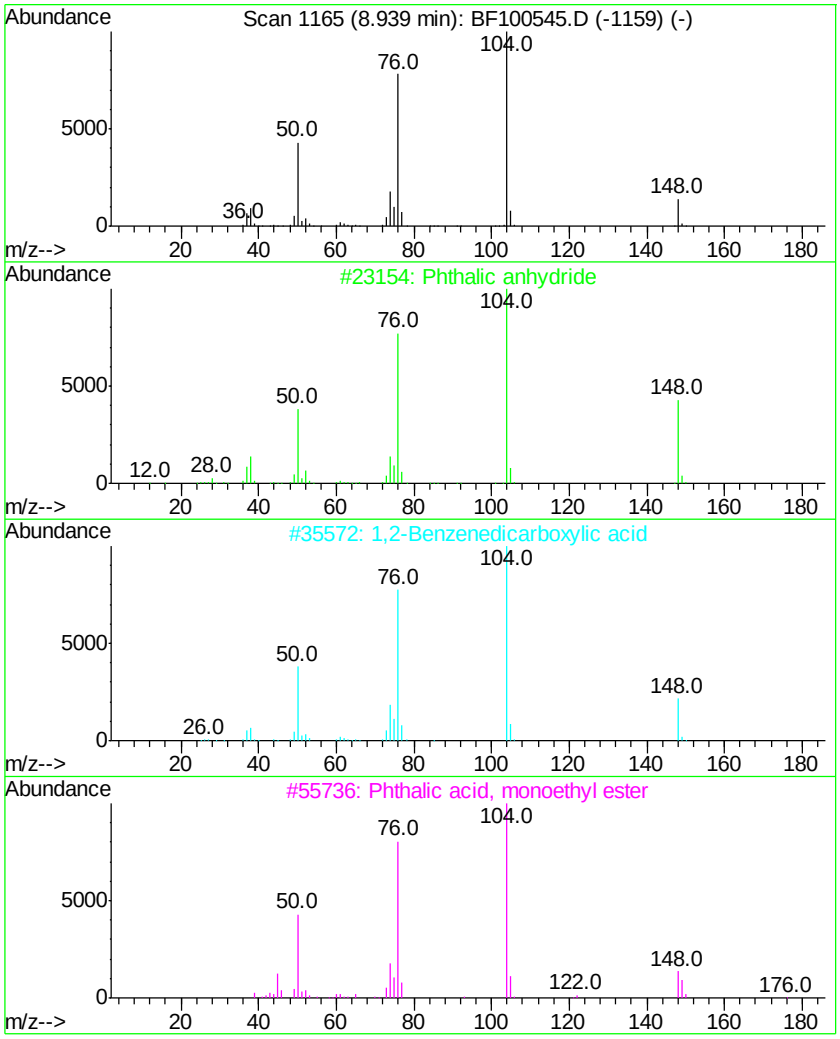
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

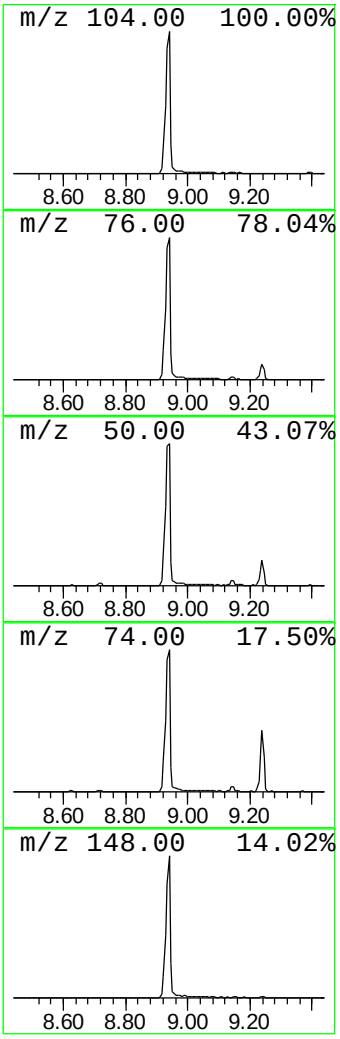
****

Peak Number 6 Phthalic anhydride Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	23.94 ng	1338720	Naphthalene-d8	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic anhydride	148	C8H4O3	000085-44-9	96
2	1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	90
3	Phthalic acid, monoethyl ester	194	C10H10O4	002306-33-4	90
4	Bicyclo[4.2.0]octa-1,3,5-triene-...	132	C8H4O2	006383-11-5	86
5	Phthalamic acid	165	C8H7NO3	000088-97-1	83





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100545.D
Acq On : 14 Nov 2017 16:27
Operator : SJ/JU
Sample : I6389-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

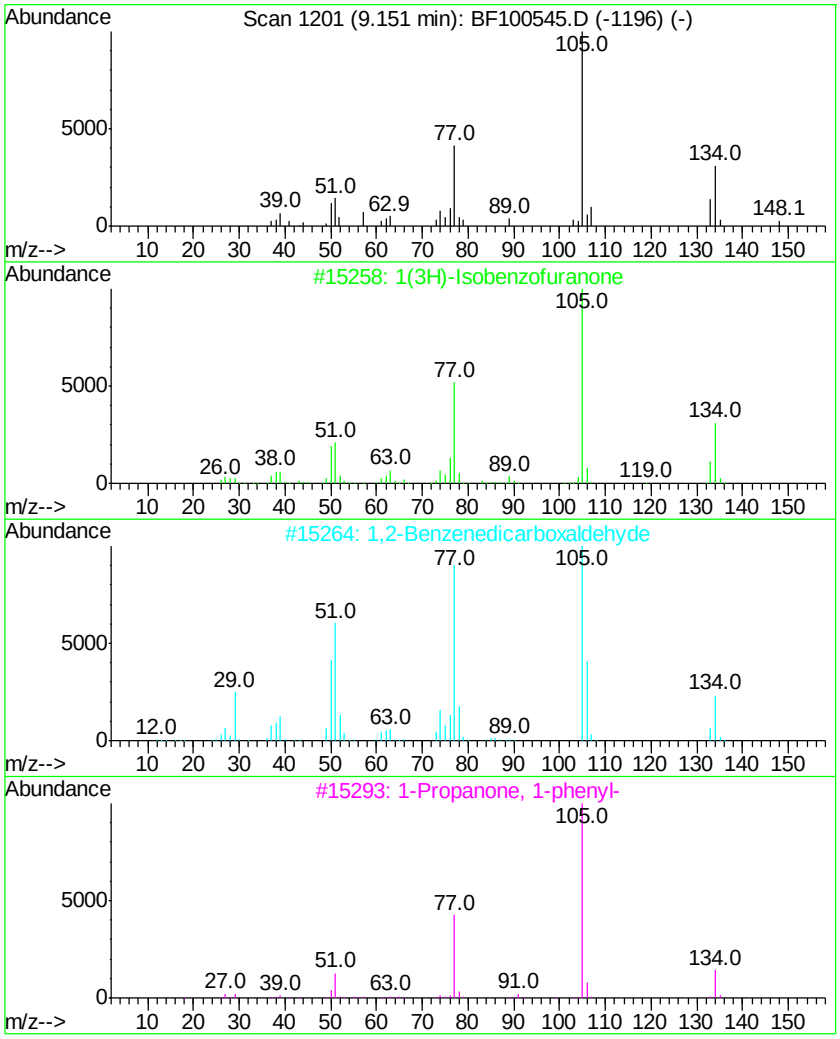
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

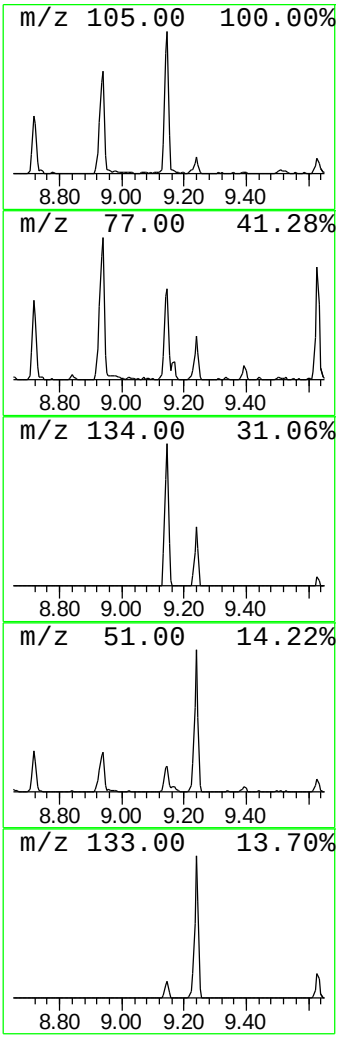
****

Peak Number 7 1(3H)-Isobenzofuranone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	2.13 ng	115629	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(3H)-Isobenzofuranone	134	C8H6O2	000087-41-2	95
2	1,2-Benzenedicarboxaldehyde	134	C8H6O2	000643-79-8	90
3	1-Propanone, 1-phenyl-	134	C9H10O	000093-55-0	64
4	Benzhydrazide, N2-(2-methoxy-5-n...	299	C15H13N3O4	349572-84-5	59
5	.alpha.,.alpha.-Dichloroacetophe...	188	C8H6Cl2O	002648-61-5	53





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100545.D
Acq On : 14 Nov 2017 16:27
Operator : SJ/JU
Sample : I6389-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

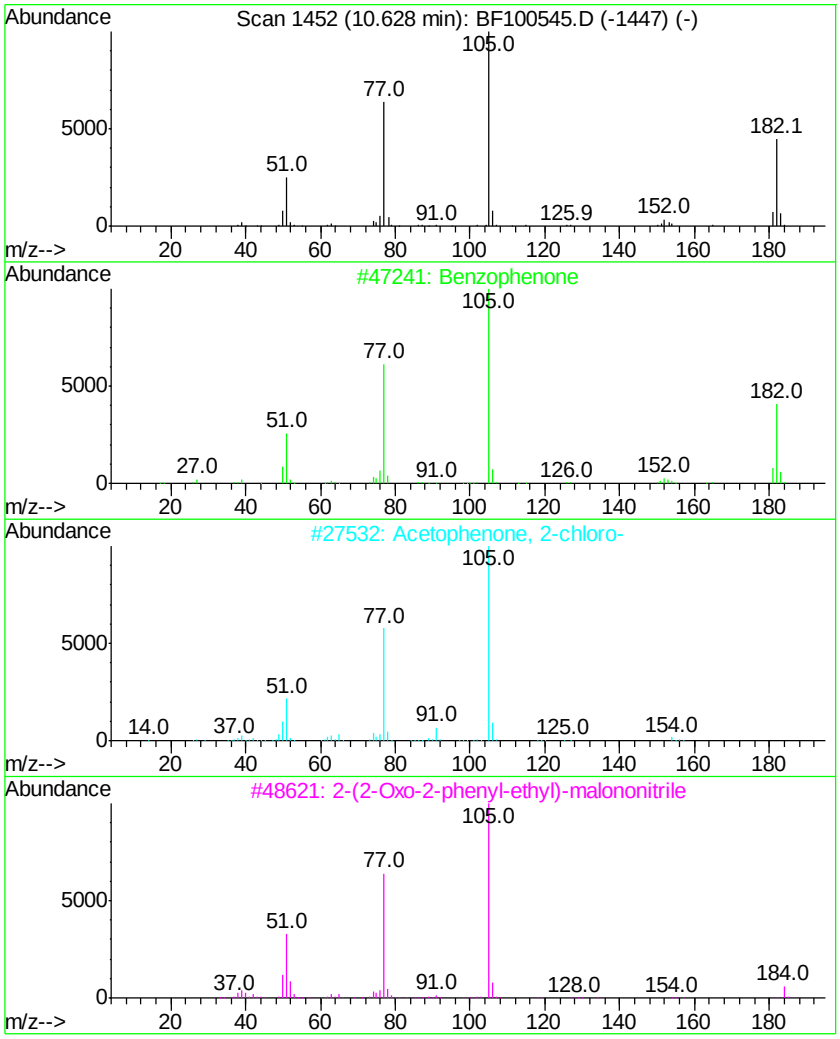
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

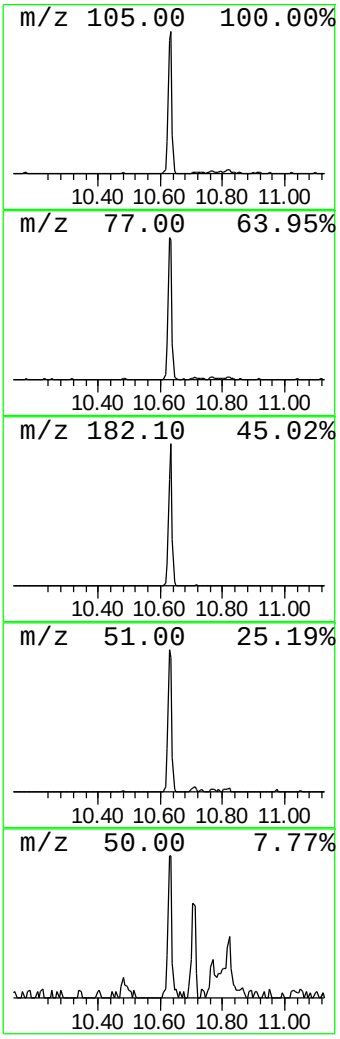
****

Peak Number 8 Benzophenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	5.30 ng	288309	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47
4	N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	47
5	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100545.D
Acq On : 14 Nov 2017 16:27
Operator : SJ/JU
Sample : I6389-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

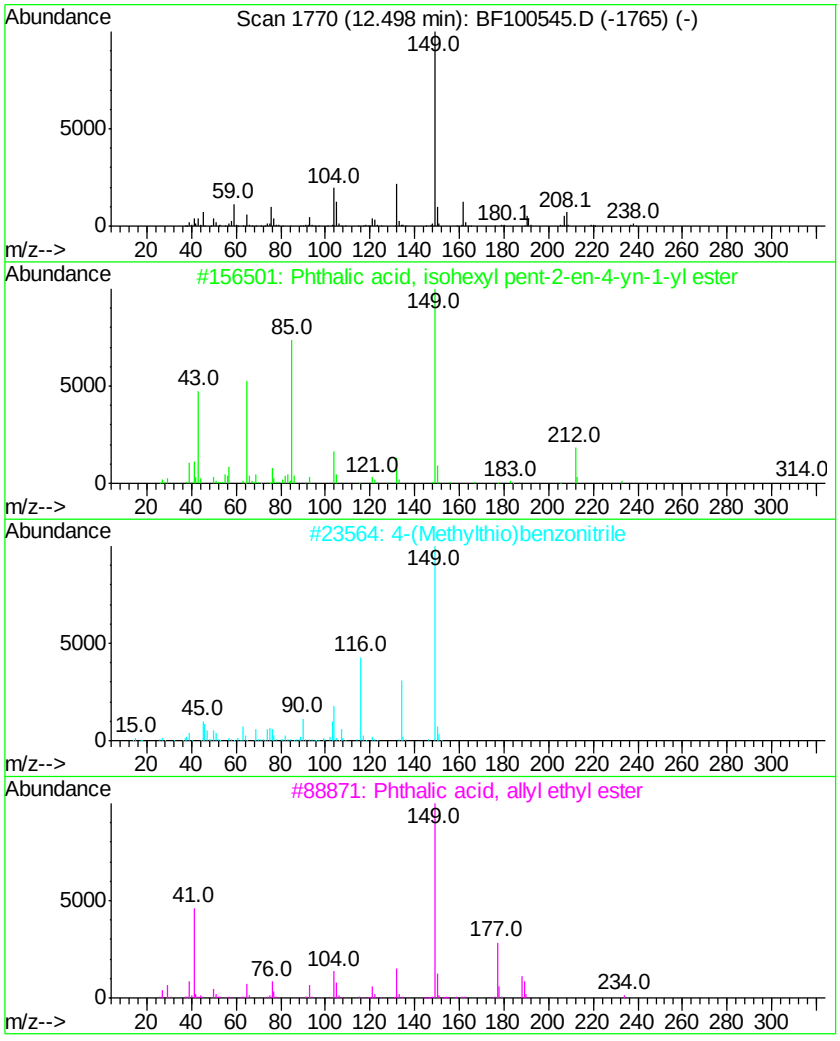
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

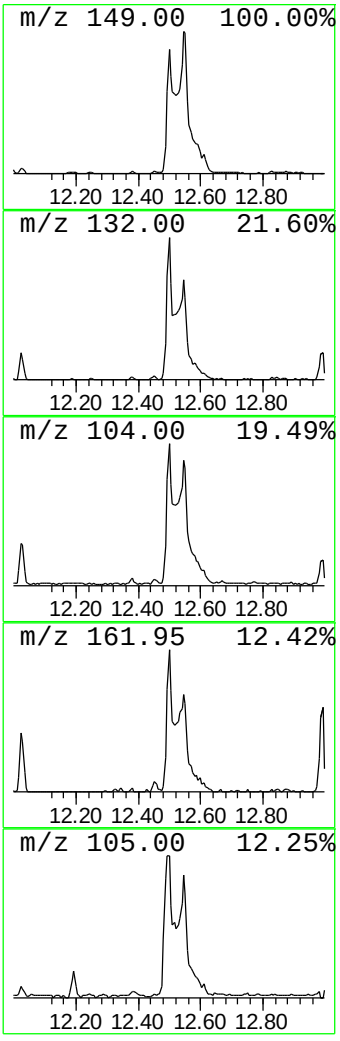
****

Peak Number 9 Phthalic acid, isohexyl pen... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	21.60 ng	965965	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, isohexyl pent-2-e...	314	C19H22O4	1000315-45-7	59
2	4-(Methylthio)benzonitrile	149	C8H7NS	021382-98-9	53
3	Phthalic acid, allyl ethyl ester	234	C13H14O4	033672-94-5	53
4	2-(Octyloxycarbonyl)benzoic acid	278	C16H22O4	1000373-53-3	47
5	Phthalic acid, phenyl propyl ester	284	C17H16O4	1000314-86-9	47





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100545.D
Acq On : 14 Nov 2017 16:27
Operator : SJ/JU
Sample : I6389-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

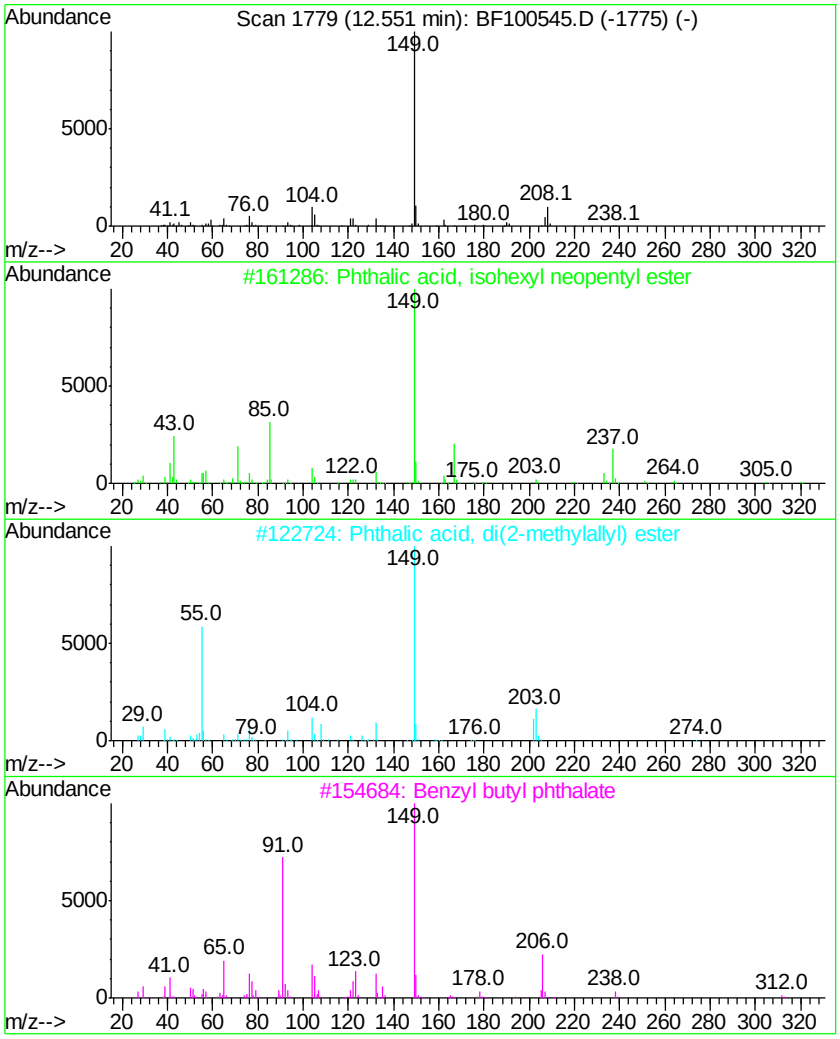
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

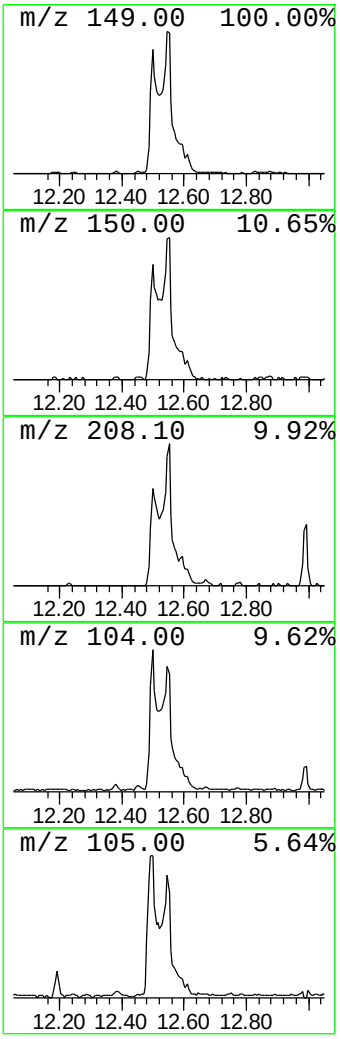
****

Peak Number 10 Phthalic acid, isohexyl neo... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	24.81 ng	1109630	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, isohexyl neopentyl...	320	C19H28O4	1000308-97-7	72
2	Phthalic acid, di(2-methylallyl)...	274	C16H18O4	1000315-58-3	72
3	Benzyl butyl phthalate	312	C19H20O4	000085-68-7	72
4	Phthalic acid, 1-(3-bromophenyl)...	432	C22H25BrO4	1000377-87-9	64
5	Phthalic acid, 8-chlorooctyl eth...	340	C18H25ClO4	1000356-85-6	64





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100545.D
Acq On : 14 Nov 2017 16:27
Operator : SJ/JU
Sample : I6389-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

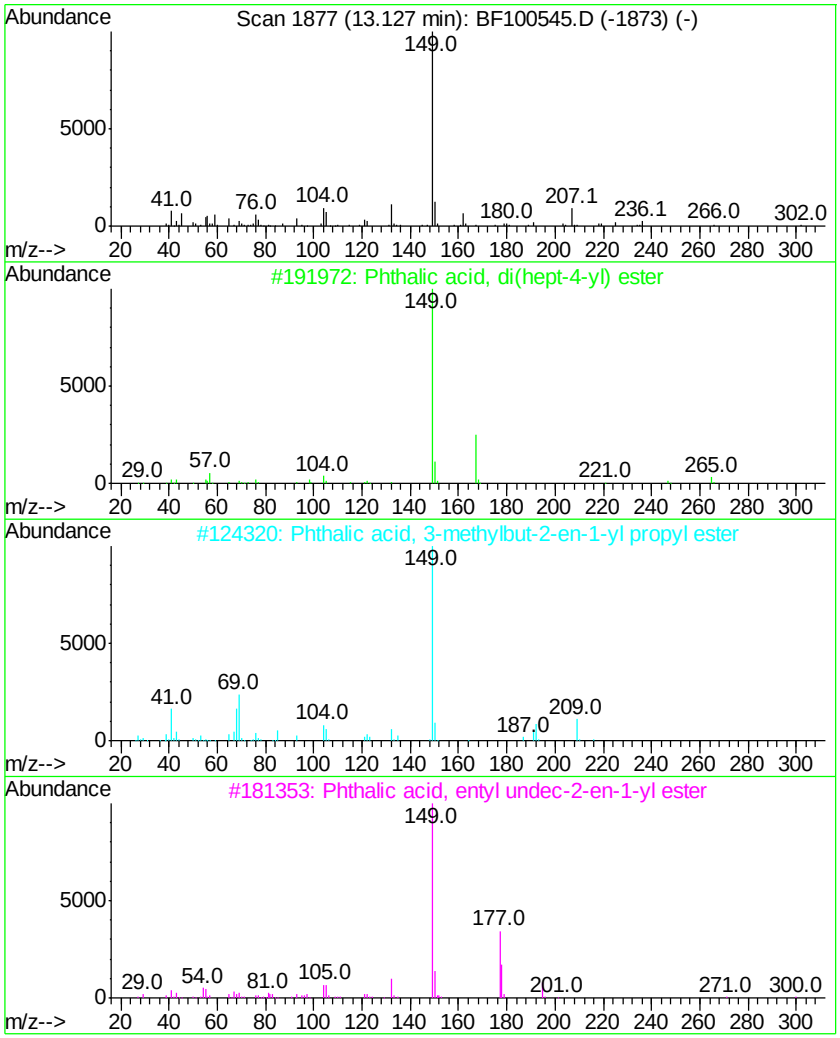
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

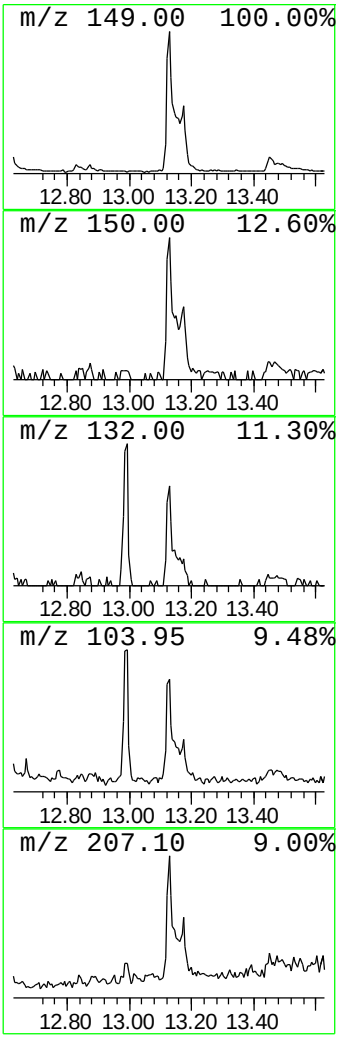
****

Peak Number 11 Phthalic acid, di(hept-4-yl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	5.32 ng	221361	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, di(hept-4-yl) ester	362	C22H34O4	1000356-80-0	64
2	Phthalic acid, 3-methylbut-2-en-...	276	C16H20O4	1000315-44-6	64
3	Phthalic acid, entyl undec-2-en-...	346	C21H30O4	1000315-41-3	64
4	2-(Heptyloxycarbonyl)benzoic acid	264	C15H20O4	1000373-67-7	64
5	Phthalic acid, cyclohexyl ethyl ...	276	C16H20O4	1000315-33-3	59





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100545.D
Acq On : 14 Nov 2017 16:27
Operator : SJ/JU
Sample : I6389-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

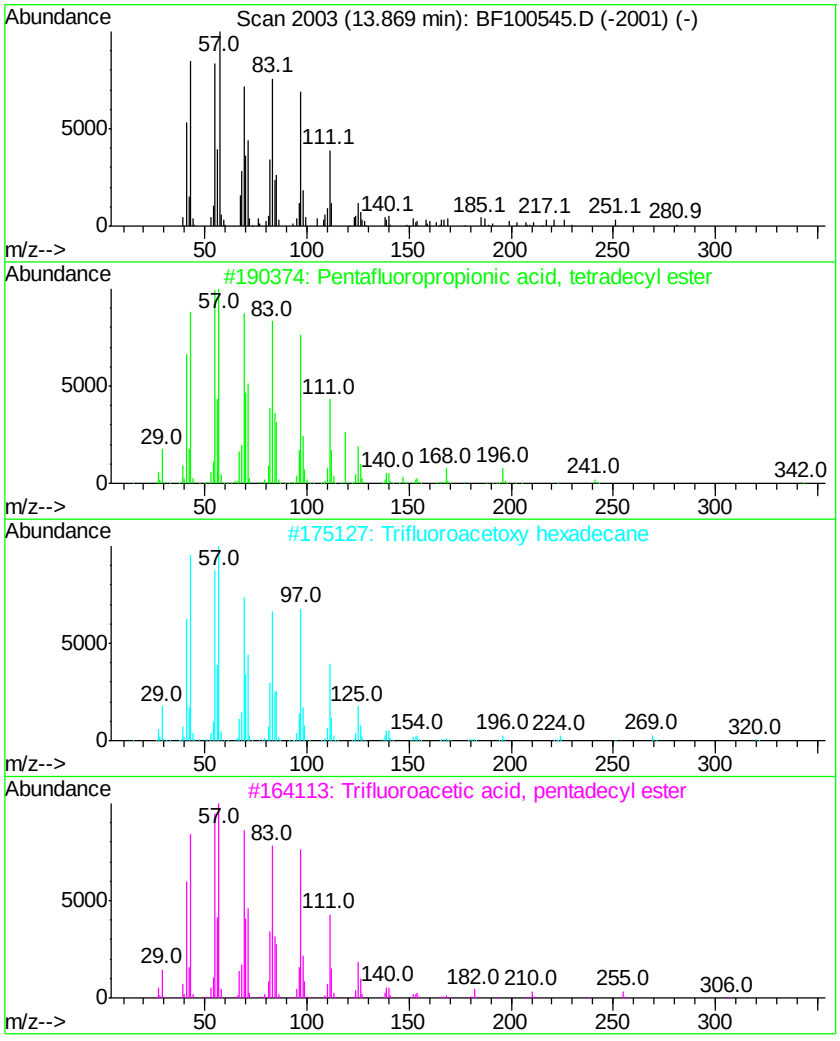
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

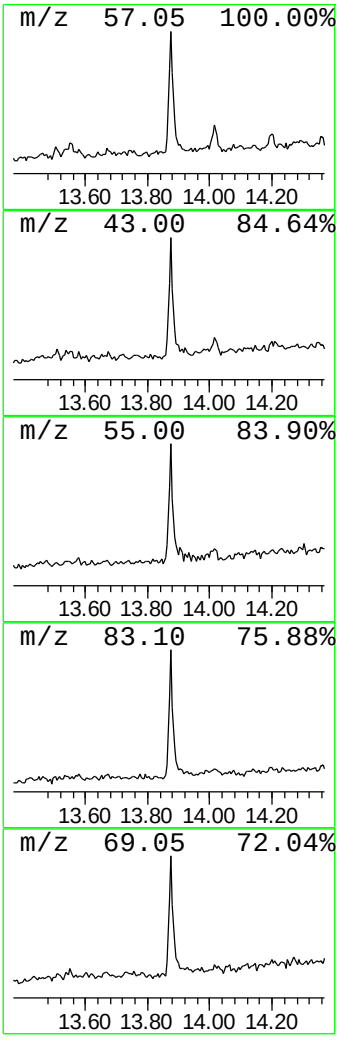
****

Peak Number 12 Pentafluoropropionic acid, ... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	4.39 ng	182530	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	94
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	93





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100545.D
Acq On : 14 Nov 2017 16:27
Operator : SJ/JU
Sample : I6389-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

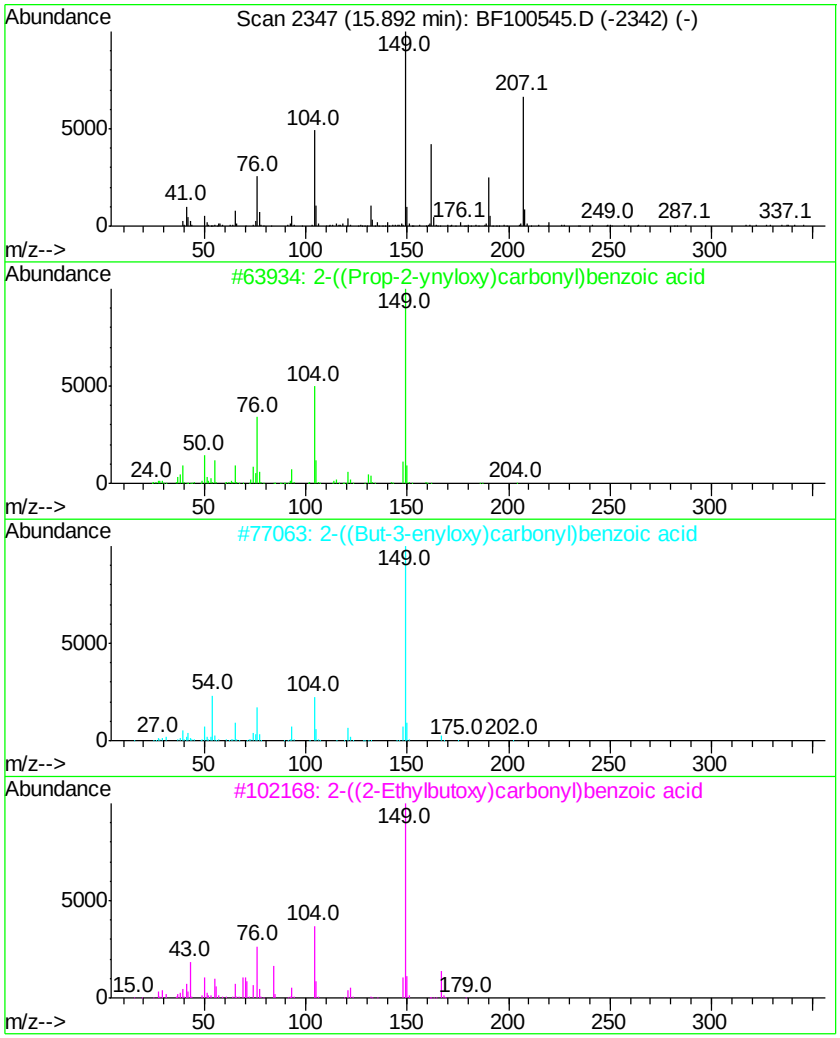
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

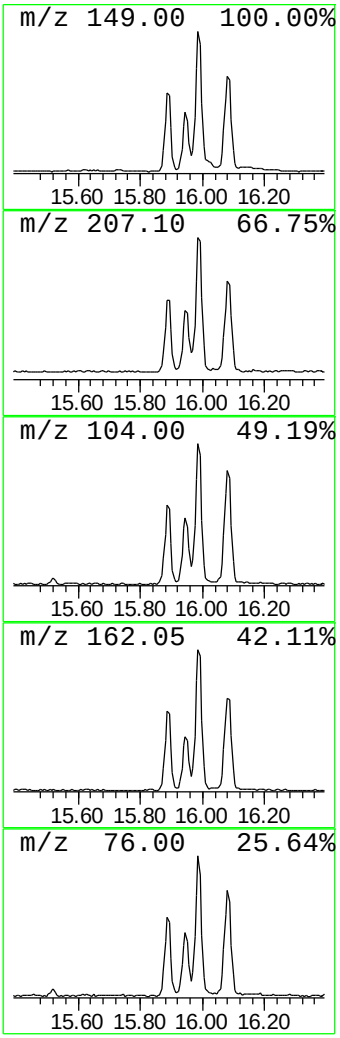
****

Peak Number 13 unknown15.89 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	12.62 ng	383987	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-((Prop-2-ynyloxy)carbonyl)benz...	204	C11H8O4	1000373-53-6	43
2	2-((But-3-enyloxy)carbonyl)benzo...	220	C12H12O4	1000373-53-4	38
3	2-((2-Ethylbutoxy)carbonyl)benzo...	250	C14H18O4	1000373-62-8	32
4	1H-Isoindole-1,3(2H)-dione, 2-am...	162	C8H6N2O2	001875-48-5	30
5	2-(Allyloxycarbonyl)benzoic acid	206	C11H10O4	1000373-67-6	25





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100545.D
Acq On : 14 Nov 2017 16:27
Operator : SJ/JU
Sample : I6389-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

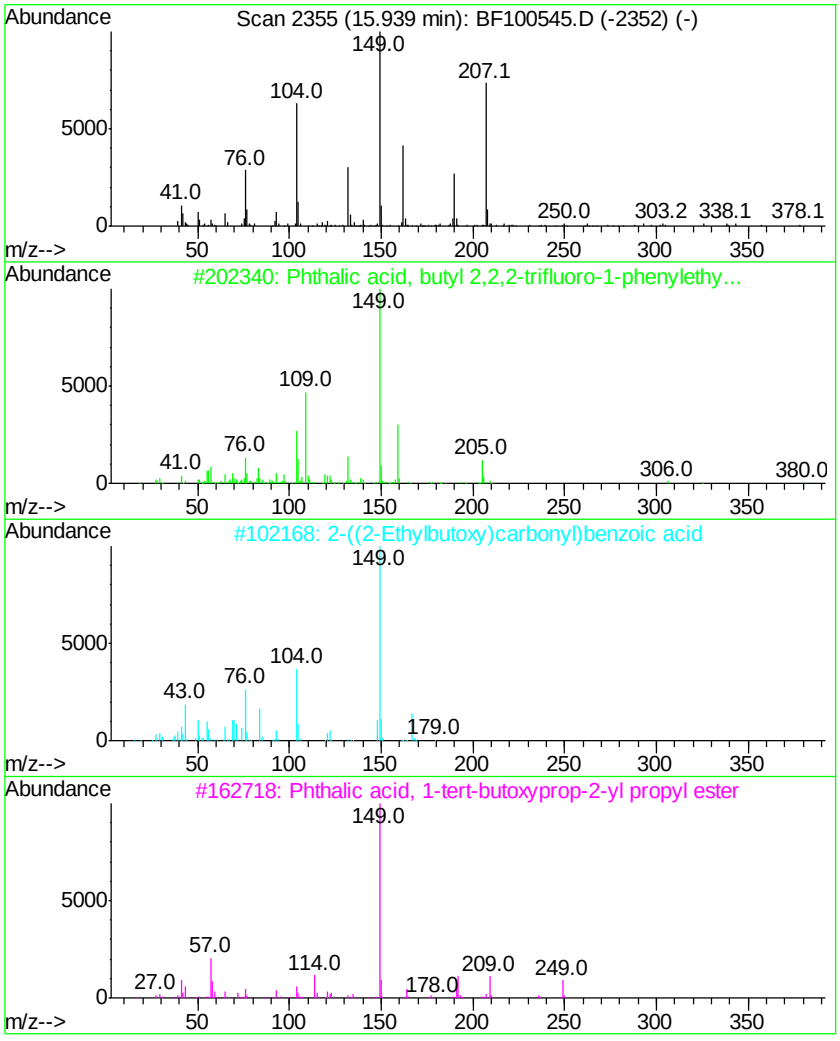
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

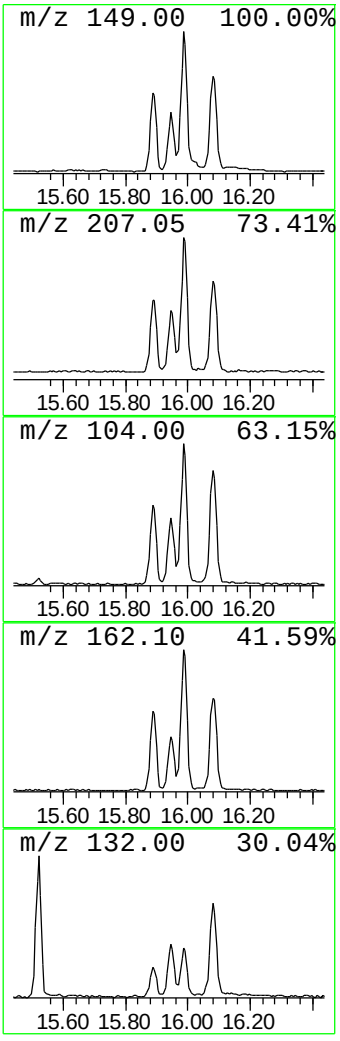
****

Peak Number 14 unknown15.94 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	9.54 ng	290446	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, butyl 2,2,2-trifl...	380	C20H19F3O4	1000377-70-2	22
2	2-((2-Ethylbutoxy)carbonyl)benzo...	250	C14H18O4	1000373-62-8	16
3	Phthalic acid, 1-tert-butoxyprop...	322	C18H26O5	1000371-00-7	14
4	Phenyltricyclo[8.2.2.2(4,7)]hexa...	311	C23H21N	1000306-66-3	14
5	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	14





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100545.D
Acq On : 14 Nov 2017 16:27
Operator : SJ/JU
Sample : I6389-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

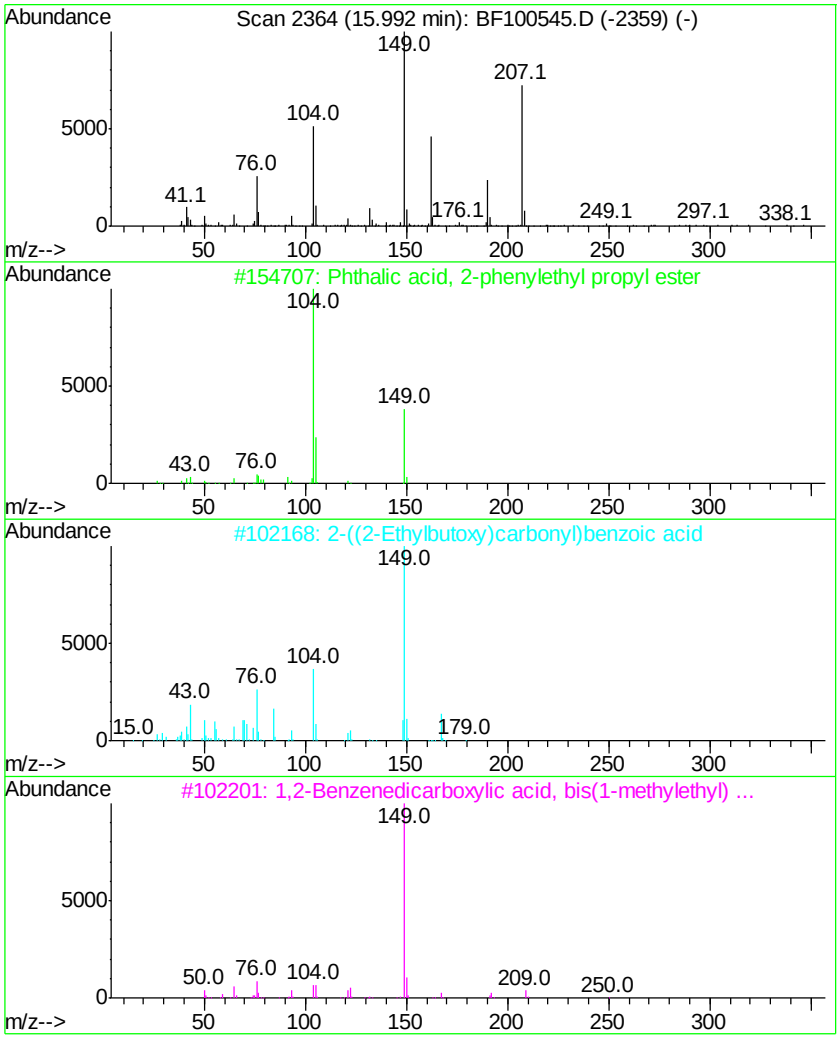
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

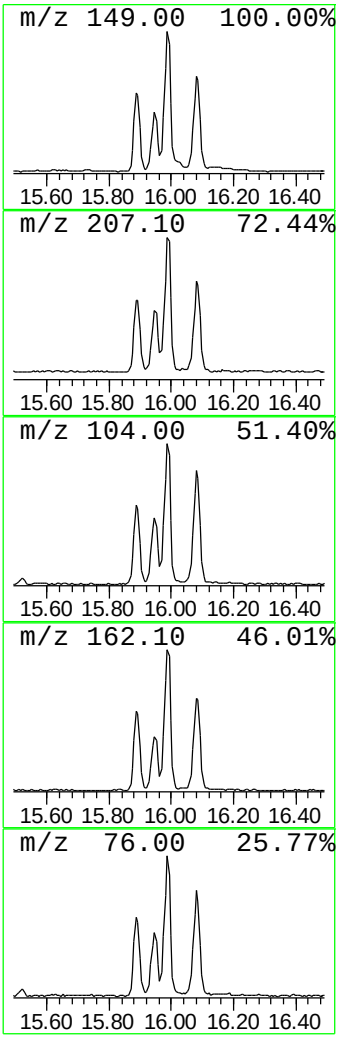
****

Peak Number 15 unknown15.99 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	21.71 ng	660853	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2-phenylethyl pro...	312	C19H20O4	1000309-77-1	38
2	2-((2-Ethylbutoxy)carbonyl)benzo...	250	C14H18O4	1000373-62-8	32
3	1,2-Benzenedicarboxylic acid, bi...	250	C14H18O4	000605-45-8	30
4	2-(Hexyloxycarbonyl)benzoic acid	250	C14H18O4	1000373-63-0	30
5	1,2-Benzenedicarboxylic acid, di...	250	C14H18O4	000131-16-8	25





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100545.D
Acq On : 14 Nov 2017 16:27
Operator : SJ/JU
Sample : I6389-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

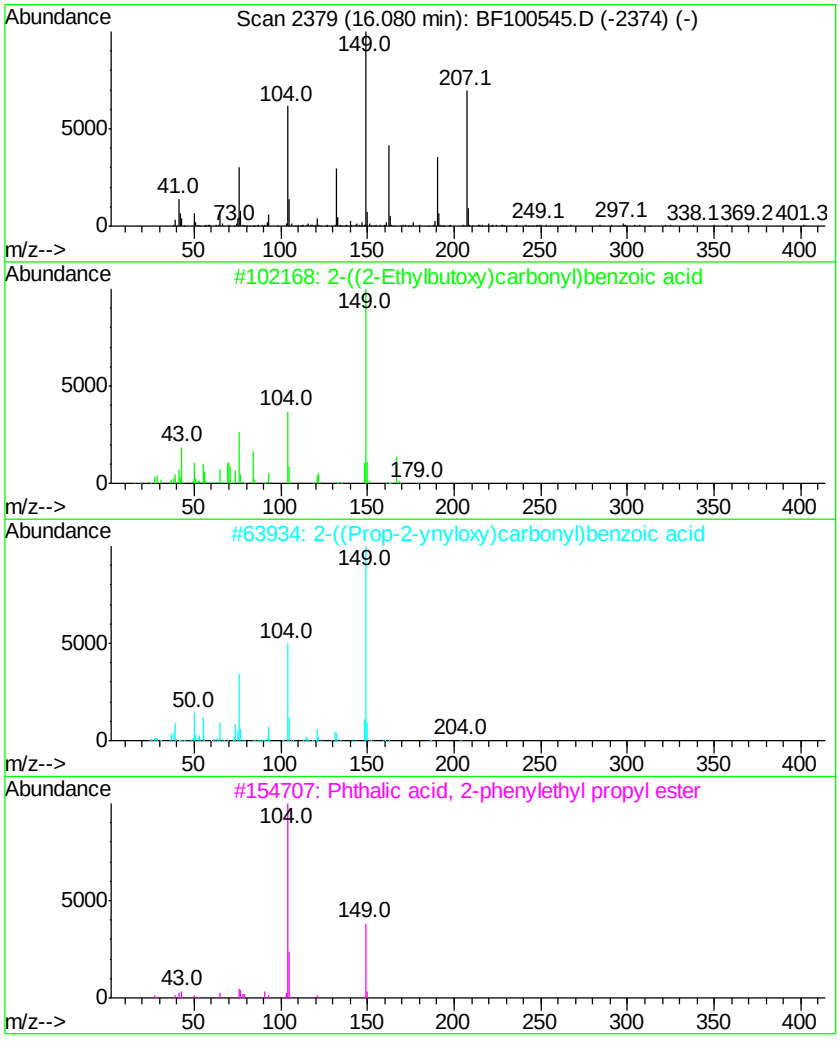
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

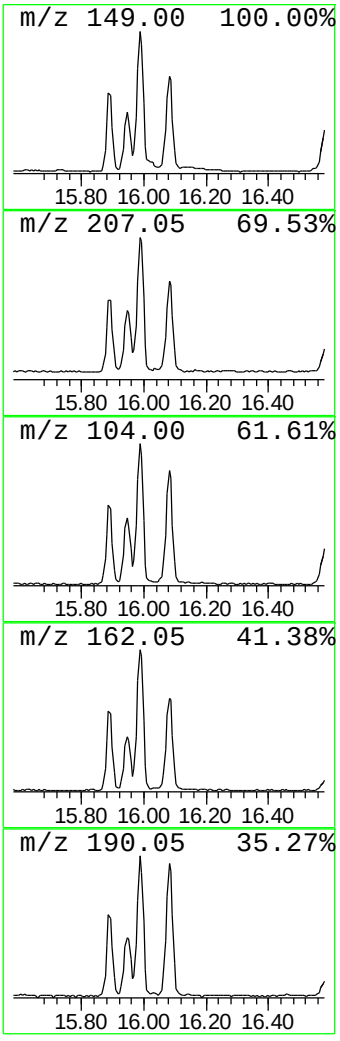
****

Peak Number 16 unknown16.08 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	18.97 ng	577308	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-((2-Ethylbutoxy)carbonyl)benzo...	250	C14H18O4	1000373-62-8	32
2	2-((Prop-2-ynyloxy)carbonyl)benz...	204	C11H8O4	1000373-53-6	32
3	Phthalic acid, 2-phenylethyl pro...	312	C19H20O4	1000309-77-1	25
4	2-(Propoxycarbonyl)benzoic acid	208	C11H12O4	1000373-63-1	22
5	2-(Isobutoxycarbonyl)benzoic acid	222	C12H14O4	1000373-52-8	16





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100545.D
Acq On : 14 Nov 2017 16:27
Operator : SJ/JU
Sample : I6389-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

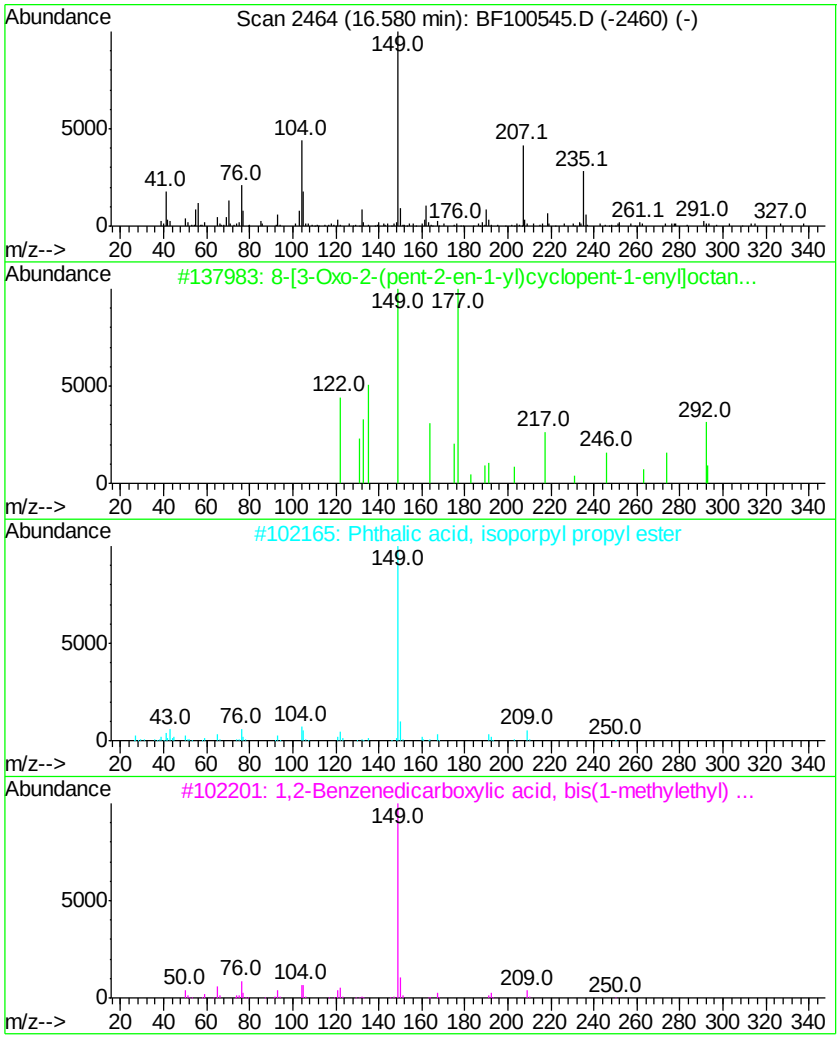
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

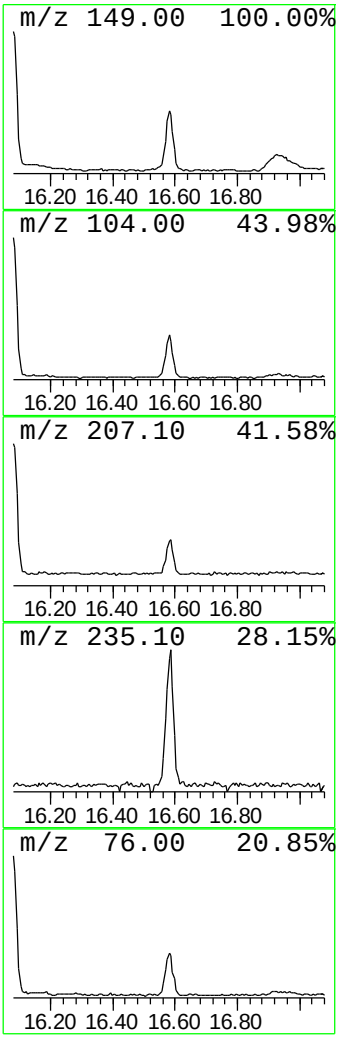
****

Peak Number 17 unknown16.58 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.58	8.05 ng	245016	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-[3-Oxo-2-(pent-2-en-1-yl)cyclo...	292	C18H28O3	1000105-21-8	38
2	Phthalic acid, isoporpyl propyl ...	250	C14H18O4	1000314-99-7	30
3	1,2-Benzenedicarboxylic acid, bi...	250	C14H18O4	000605-45-8	27
4	2-(Octyloxycarbonyl)benzoic acid	278	C16H22O4	1000373-53-3	27
5	1,2-Benzenedicarboxylic acid, di...	250	C14H18O4	000131-16-8	27





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF111417\
Data File : BF100545.D
Acq On : 14 Nov 2017 16:27
Operator : SJ/JU
Sample : I6389-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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...	5.11	11.8	ng	527445	1	6.89	891981	20.0
unknown6.66	6.66	58.8	ng	2624100	1	6.89	891981	20.0
Hexanoic acid, 2-...	7.53	2.1	ng	93129	1	6.89	891981	20.0
2-Hydroxy-iso-but...	8.72	2.4	ng	135110	2	8.17	1118400	20.0
Phthalic anhydride	8.94	23.9	ng	1338720	2	8.17	1118400	20.0
1(3H)-Isobenzofur...	9.15	2.1	ng	115629	3	9.92	1087540	20.0
Benzophenone	10.63	5.3	ng	288309	3	9.92	1087540	20.0
Phthalic acid, is...	12.50	21.6	ng	965965	4	11.41	894579	20.0
Phthalic acid, is...	12.55	24.8	ng	1109630	4	11.41	894579	20.0
Phthalic acid, di...	13.13	5.3	ng	221361	5	14.05	831437	20.0
Pentafluoropropio...	13.87	4.4	ng	182530	5	14.05	831437	20.0
unknown15.89	15.89	12.6	ng	383987	6	15.52	608741	20.0
unknown15.94	15.94	9.5	ng	290446	6	15.52	608741	20.0
unknown15.99	15.99	21.7	ng	660853	6	15.52	608741	20.0
unknown16.08	16.08	19.0	ng	577308	6	15.52	608741	20.0
unknown16.58	16.58	8.1	ng	245016	6	15.52	608741	20.0