LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107178.D
Acq On : 6 Jul 2018 17:40
Operator : JU/SJ
Sample : J3868-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-TP-5-S

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-BF061918.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	5.178	479	483	498	rBV	139492	170649	13.57%	1.199%
2	5.590	549	553	568	rBV	982677	1015920	80.79%	7.139%
3	6.590	719	723	736	rBV	999666	1088387	86.56%	7.648%
4	6.725	742	746	749	rBV	1123759	1061291	84.40%	7.458%
5	6.772	749	754	762	rVB	23931	30263	2.41%	0.213%
6	6.942	780	783	787	rBV	441567	356906	28.38%	2.508%
7	7.101	806	810	813	rBV	968498	858476	68.27%	6.033%
8	7.513	875	880	890	rBV	660886	693462	55.15%	4.873%
9	8.225	997	1001	1013	rBV	465334	476748	37.91%	3.350%
10	9.301	1179	1184	1187	rBV	1429023	1257443	100.00%	8.836%
11	9.401	1199	1201	1206	rVB2	15432	13915	1.11%	0.098%
12	9.695	1247	1251	1258	rVB	376223	313571	24.94%	2.204%
13	9.983	1297	1300	1304	rBV	532563	511041	40.64%	3.591%
14	10.783	1432	1436	1445	rBV	809926	744565	59.21%	5.232%
15	10.866	1445	1450	1457	rVB6	8675	16642	1.32%	0.117%
16	11.483	1551	1555	1557	rBV	512506	496052	39.45%	3.486%
17	11.501	1557	1558	1562	rVV	180610	139310	11.08%	0.979%
18	11.560	1565	1568	1571	rVV	32323	28833	2.29%	0.203%
19	11.983	1637	1640	1642	rBV	28541	29074	2.31%	0.204%
20	12.013	1642	1645	1650	rVB2	43349	41225	3.28%	0.290%
21	12.060	1650	1653	1656	rBV	16630	15981	1.27%	0.112%
22	12.095	1656	1659	1661	rVV2	45686	46939	3.73%	0.330%
23	12.119	1661	1663	1666	rVB	20556	16741	1.33%	0.118%
24	12.277	1686	1690	1693	rBV	23146	22283	1.77%	0.157%
25	12.313	1693	1696	1699	rVB	20241	18376	1.46%	0.129%
26	12.530	1730	1733	1736	rBV2	32753	33463	2.66%	0.235%
27	12.624	1745	1749	1752	rBV3	19372	26429	2.10%	0.186%
28	12.701	1758	1762	1765	rBV	363364	316452	25.17%	2.224%
29	12.913	1794	1798	1799	rBV2	62306	69841	5.55%	0.491%
30	12.930	1799	1801	1806	rVV	340870	287632	22.87%	2.021%
31	12.977	1806	1809	1814	rVB2	21124	26743	2.13%	0.188%
32	13.066	1819	1824	1827	rBV	1095970	1056535	84.02%	7.425%
33	13.148	1833	1838	1843	rBV3	25215	44151	3.51%	0.310%
34	13.260	1854	1857	1861	rVB2	48748	55244	4.39%	0.388%

LSC Area Percent Report

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Data File : BF107178.D
Acq On : 6 Jul 2018 17:40
Operator : JU/SJ
Sample : J3868-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-TP-5-S

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-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.324	1866	1868	1870	rBV	20431	18196	1.45%	0.128%
36	13.366	1870	1875	1877	rVV2	28341	37186	2.96%	0.261%
37	13.454	1888	1890	1893	rBV	23124	22471	1.79%	0.158%
38	13.489	1893	1896	1898	rVV	25740	24235	1.93%	0.170%
39	13.607	1914	1916	1918	rBV3	17523	15600	1.24%	0.110%
40	13.771	1941	1944	1947	rVB	41655	36598	2.91%	0.257%
41	13.883	1960	1963	1965	rBV	30243	31572	2.51%	0.222%
42	13.907	1965	1967	1969	rVV	41149	36946	2.94%	0.260%
43	13.942	1969	1973	1978	rVV4	114069	171599	13.65%	1.206%
44	13.983	1978	1980	1983	rVB	45083	40128	3.19%	0.282%
45	14.077	1993	1996	1999	rBV	101244	82387	6.55%	0.579%
46	14.136	2000	2006	2008	rVV2	536651	691925	55.03%	4.862%
47	14.160	2008	2010	2013	rVB	190299	152215	12.11%	1.070%
48	14.242	2021	2024	2025	rBV	38153	37803	3.01%	0.266%
49	14.524	2069	2072	2075	rBV	38548	40812	3.25%	0.287%
50	14.565	2075	2079	2087	rVV6	44585	122154	9.71%	0.858%
51	14.960	2144	2146	2156	rVB2	49789	76282	6.07%	0.536%
52	15.213	2185	2189	2192	rBV	159818	258805	20.58%	1.819%
53	15.324	2205	2208	2212	rBV2	41610	53761	4.28%	0.378%
54	15.536	2240	2244	2250	rVB	82987	116105	9.23%	0.816%
55	15.601	2251	2255	2259	rBV	137331	208753	16.60%	1.467%
56	15.665	2262	2266	2270	rVB	272524	358843	28.54%	2.522%
57	17.236	2529	2533	2542	rVB	61598	136978	10.89%	0.963%
58	17.730	2613	2617	2628	rVB2	35909	78347	6.23%	0.551%

Sum of corrected areas: 14230284

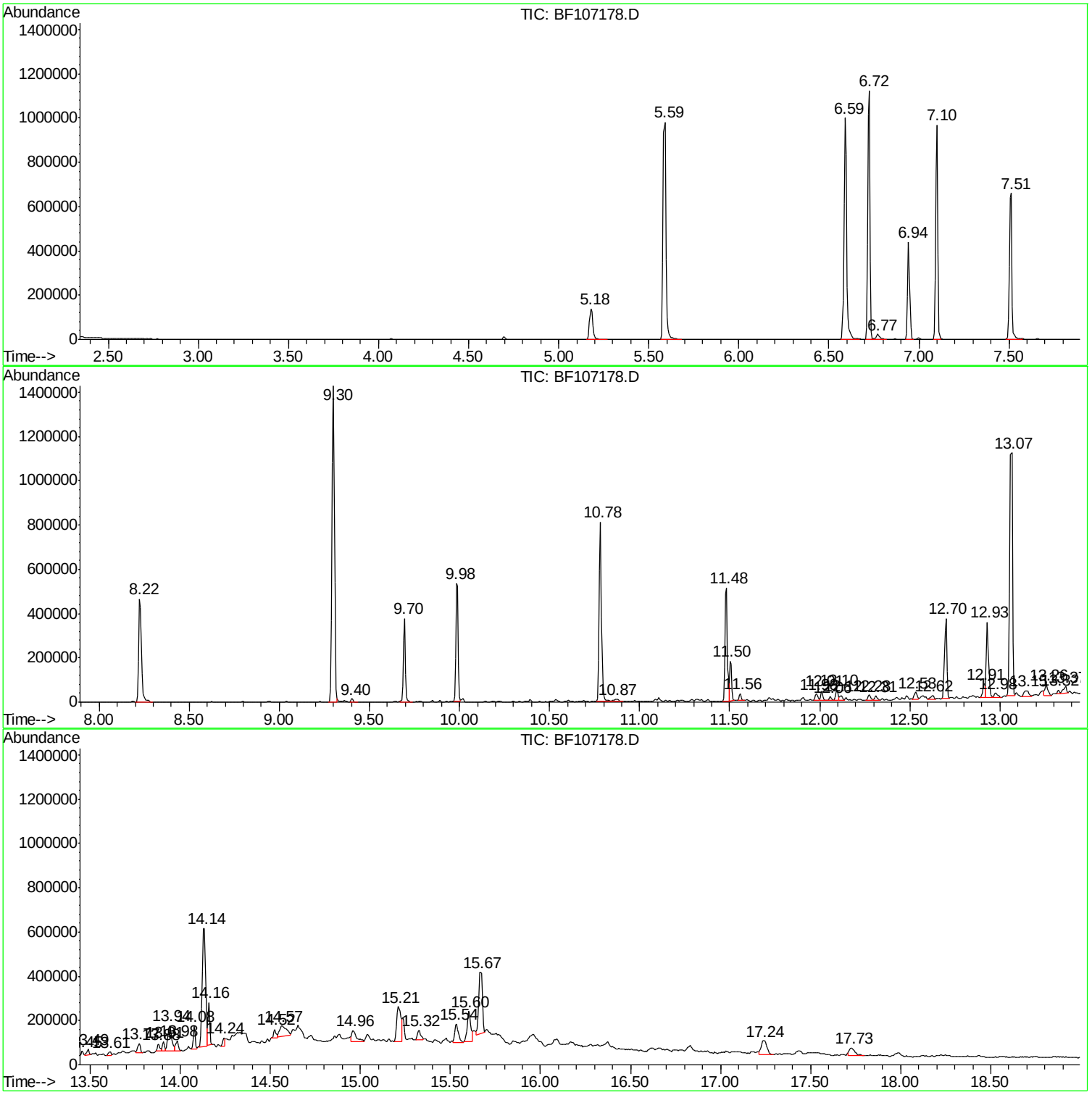
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107178.D
Acq On : 6 Jul 2018 17:40
Operator : JU/SJ
Sample : J3868-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-TP-5-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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\BF070618\
Data File : BF107178.D
Acq On : 6 Jul 2018 17:40
Operator : JU/SJ
Sample : J3868-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-TP-5-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

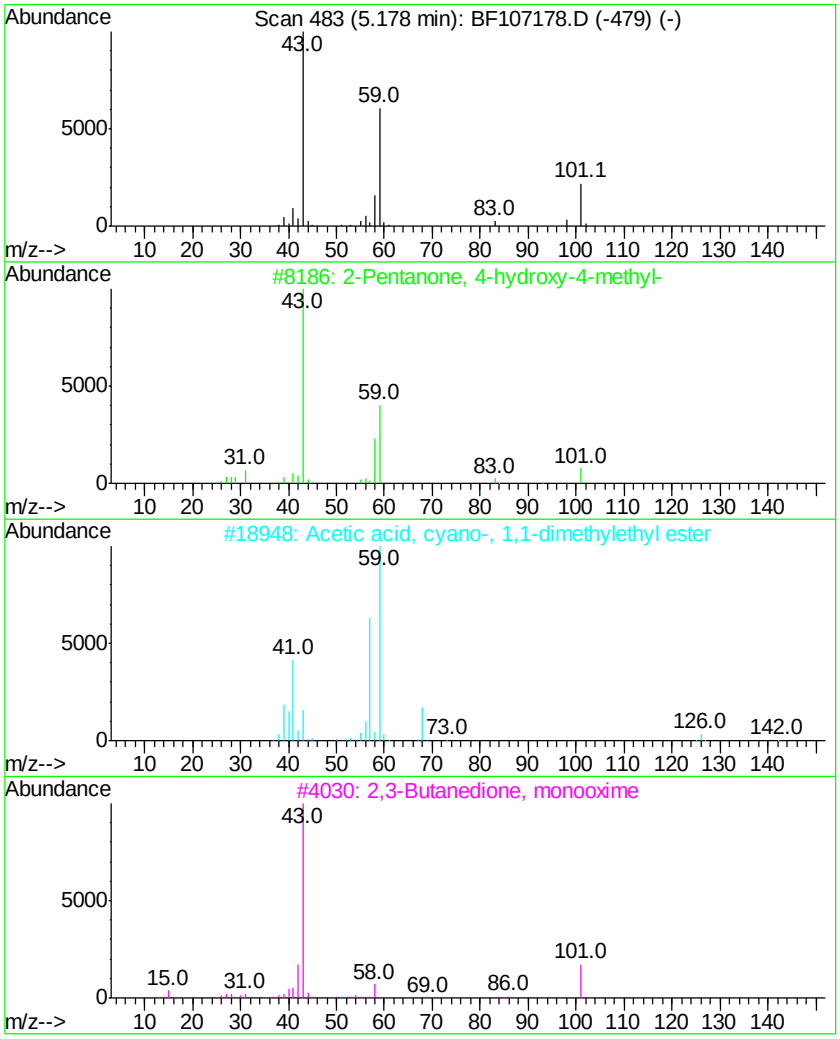
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

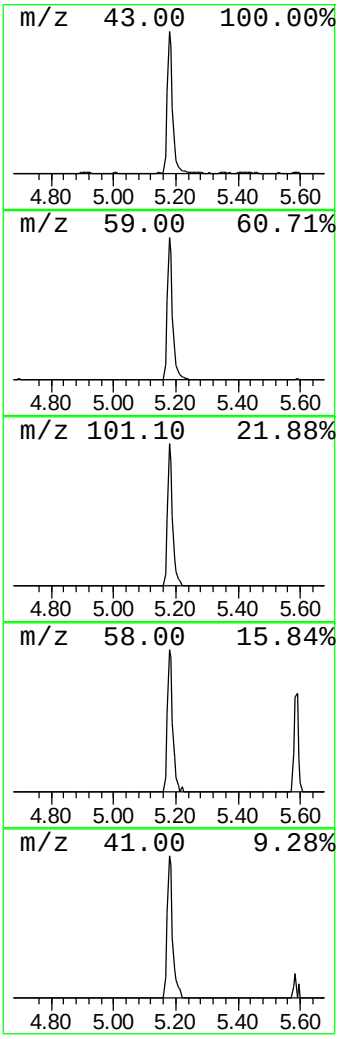
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	9.56 ng	170649	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

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Data File : BF107178.D
Acq On : 6 Jul 2018 17:40
Operator : JU/SJ
Sample : J3868-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-TP-5-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

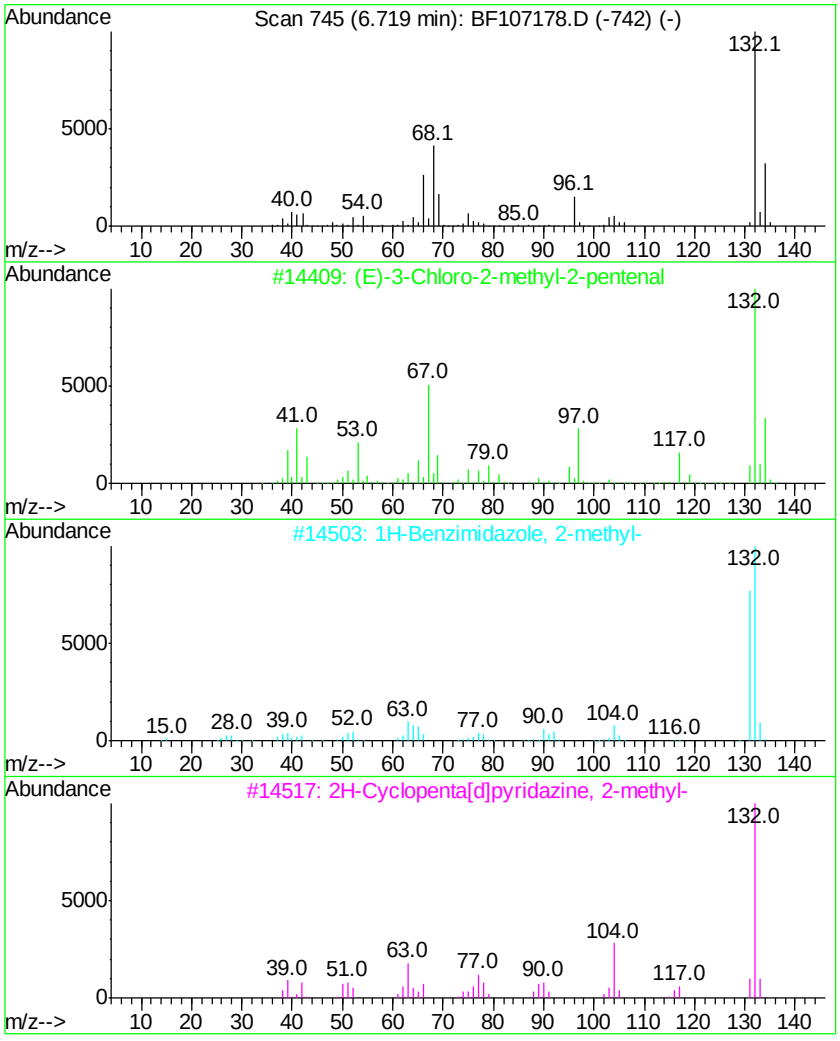
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

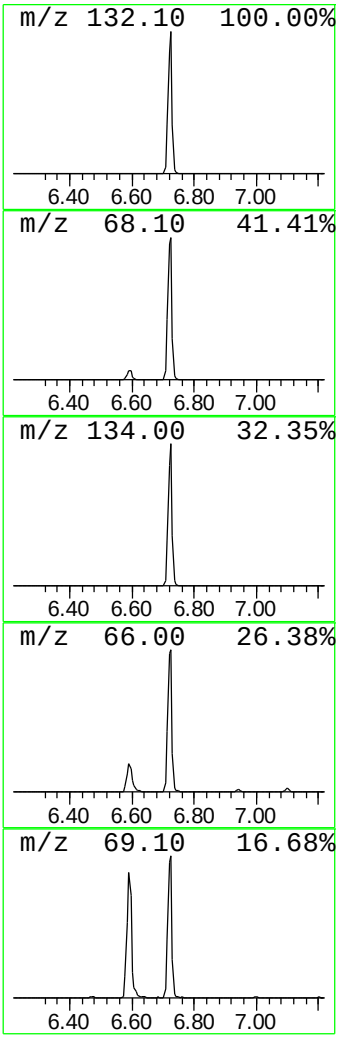
****

Peak Number 2 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	59.47 ng	1061290	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
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Acq On : 6 Jul 2018 17:40
Operator : JU/SJ
Sample : J3868-11
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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-TP-5-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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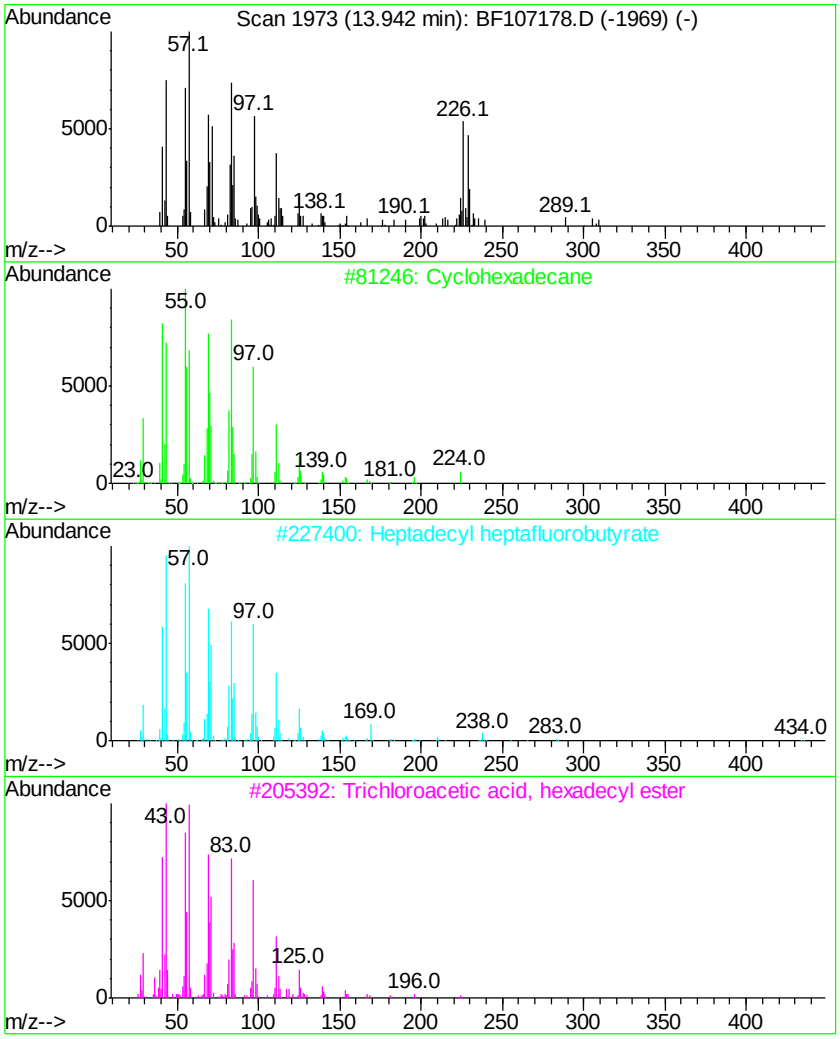
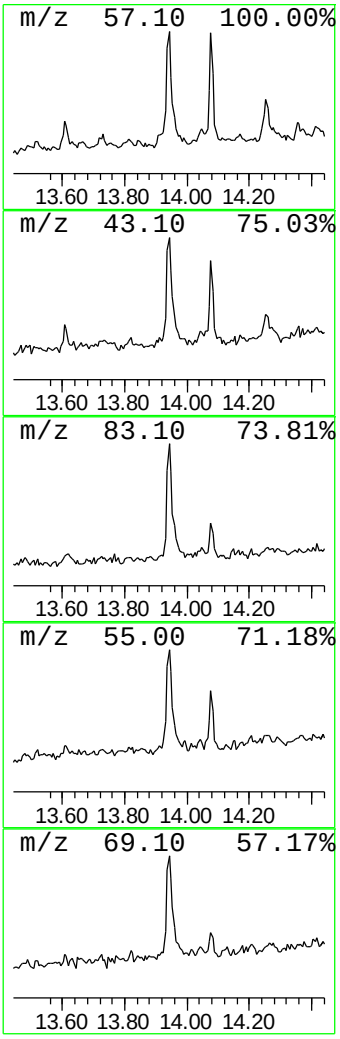
Peak Number 4 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	4.96 ng	171599	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	84
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	60
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	60
4	Cetene	224	C16H32	000629-73-2	55
5	1-Hexadecanol	242	C16H34O	036653-82-4	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107178.D
Acq On : 6 Jul 2018 17:40
Operator : JU/SJ
Sample : J3868-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-TP-5-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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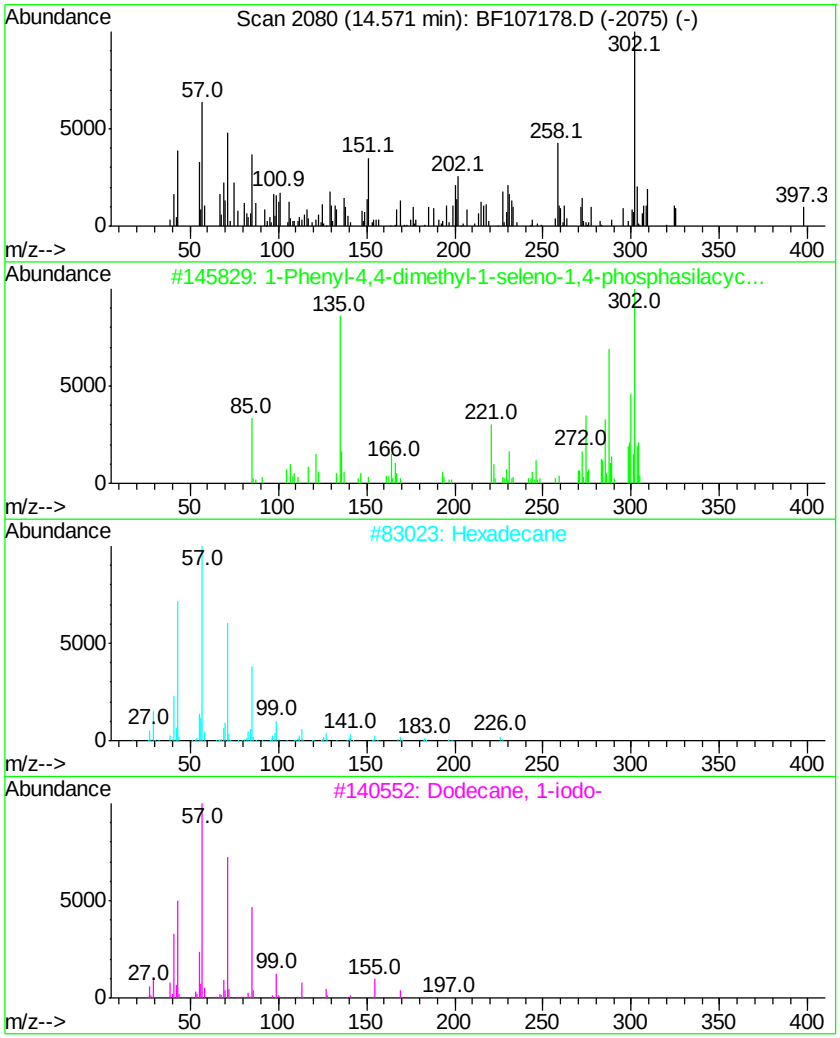
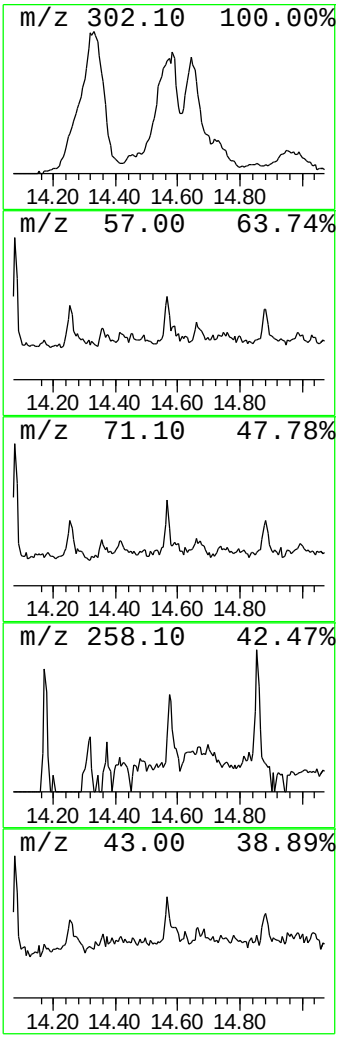
Peak Number 5 unknown14.57 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	3.53 ng	122154	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-4,4-dimethyl-1-seleno-1...	302	C12H19PSeSi	111514-27-3	43
2	Hexadecane	226	C16H34	000544-76-3	42
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	30
4	Eicosane	282	C20H42	000112-95-8	27
5	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	25





Library Search Compound Report

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Sample : J3868-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-TP-5-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

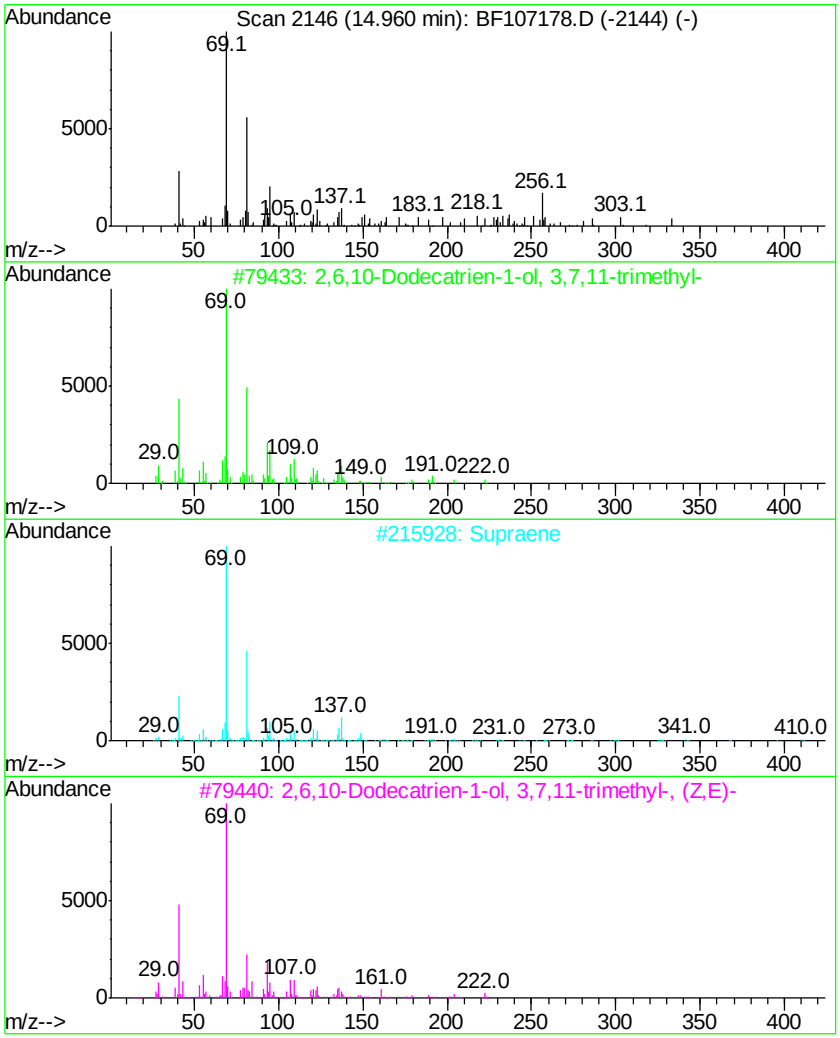
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

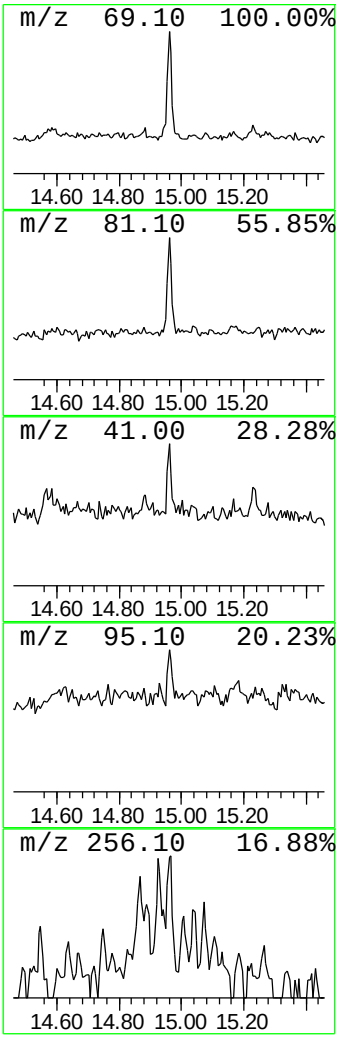
****

Peak Number 6 2,6,10-Dodecatrien-1-ol, 3,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	4.25 ng	76282	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	58
2	Supraene	410	C30H50	007683-64-9	53
3	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	003790-71-4	46
4	trans-Farnesol	222	C15H26O	000106-28-5	43
5	6-Methyl-3-nitro-6,7-dihydro-9H-...	222	C10H10N2O4	134076-63-4	43





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

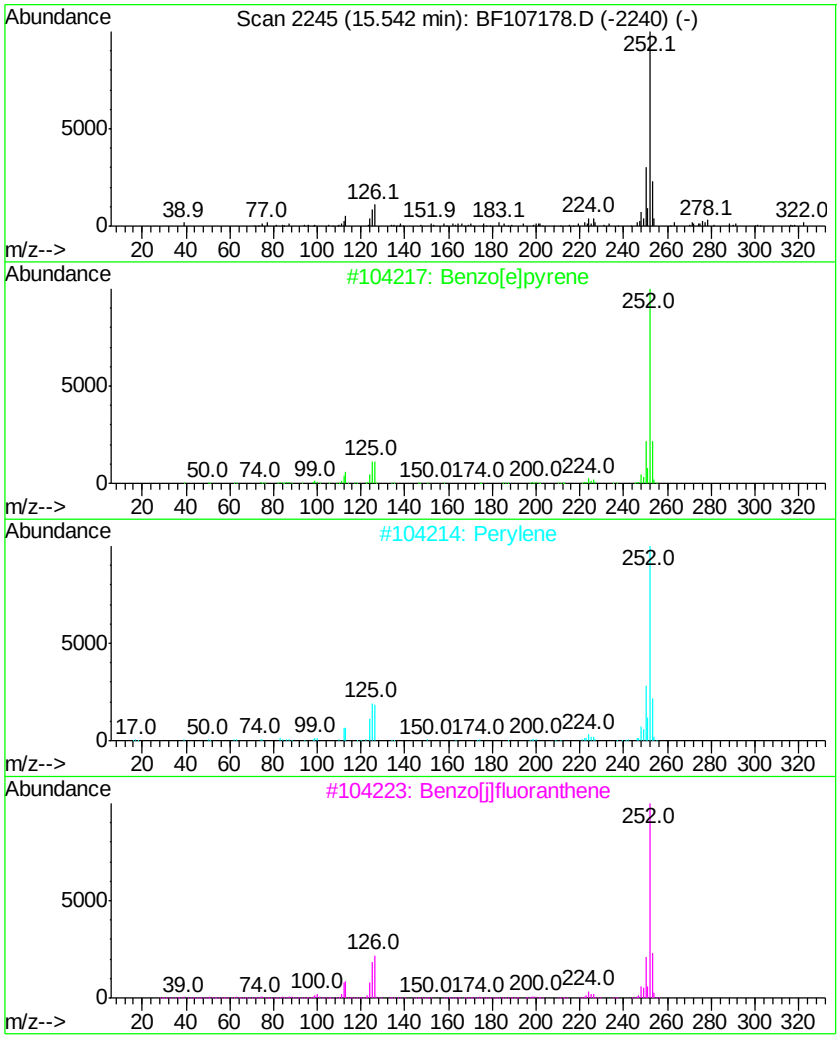
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

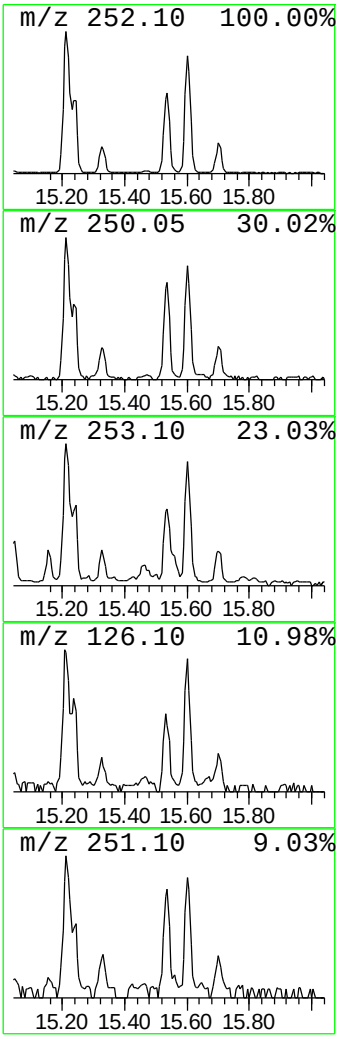
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	6.47 ng	116105	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070618\
Data File : BF107178.D
Acq On : 6 Jul 2018 17:40
Operator : JU/SJ
Sample : J3868-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-TP-5-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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...	5.18	9.6	ng	170649	1	6.94	356906	20.0
unknown6.72	6.72	59.5	ng	1061290	1	6.94	356906	20.0
Cyclohexadecane	13.94	5.0	ng	171599	5	14.14	691925	20.0
unknown14.57	14.57	3.5	ng	122154	5	14.14	691925	20.0
2,6,10-Dodecatrie...	14.96	4.3	ng	76282	6	15.67	358843	20.0
Benzo[e]pyrene	15.54	6.5	ng	116105	6	15.67	358843	20.0