LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106660.D
Acq On : 21 Jun 2018 14:32
Operator : JU/SJ
Sample : J3584-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-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	5.195	482	486	495	rBV	165340	192303	9.10%	0.896%
2	5.601	551	555	559	rBV	1798450	1665823	78.82%	7.758%
3	6.607	721	726	737	rBV	1643119	1783761	84.40%	8.307%
4	6.736	744	748	751	rBV	1892675	1766500	83.58%	8.227%
5	6.960	782	786	789	rBV	697898	563519	26.66%	2.624%
6	7.119	808	813	816	rVB	1558967	1446090	68.42%	6.735%
7	7.525	877	882	885	rBV	1306304	1194020	56.50%	5.561%
8	8.242	1000	1004	1007	rBV	879387	726018	34.35%	3.381%
9	9.319	1182	1187	1190	rBV	2384168	2113452	100.00%	9.843%
10	9.383	1195	1198	1201	rBV2	45338	43872	2.08%	0.204%
11	9.707	1248	1253	1260	rVB	316940	284699	13.47%	1.326%
12	9.913	1284	1288	1292	rVB	91093	78822	3.73%	0.367%
13	10.001	1299	1303	1307	rBV2	944651	813706	38.50%	3.790%
14	10.030	1307	1308	1316	rVB	28472	25168	1.19%	0.117%
15	10.236	1340	1343	1347	rBV3	23035	27609	1.31%	0.129%
16	10.413	1367	1373	1376	rBV	119836	107046	5.06%	0.499%
17	10.548	1393	1396	1403	rVB3	25416	31129	1.47%	0.145%
18	10.630	1406	1410	1413	rBV	65650	68419	3.24%	0.319%
19	10.713	1421	1424	1428	rVB	63923	51781	2.45%	0.241%
20	10.795	1434	1438	1441	rBV	1405964	1256117	59.43%	5.850%
21	10.895	1451	1455	1464	rVB2	109261	188925	8.94%	0.880%
22	11.336	1527	1530	1532	rBV	77123	68577	3.24%	0.319%
23	11.366	1532	1535	1537	rVB2	41551	38762	1.83%	0.181%
24	11.495	1553	1557	1559	rBV	902050	761237	36.02%	3.545%
25	11.518	1559	1561	1564	rVV	192209	150570	7.12%	0.701%
26	11.566	1567	1569	1572	rVB	41293	35895	1.70%	0.167%
27	11.718	1591	1595	1600	rBV2	26475	41846	1.98%	0.195%
28	11.760	1600	1602	1605	rVB	58810	43989	2.08%	0.205%
29	11.995	1639	1642	1644	rBV	35338	30523	1.44%	0.142%
30	12.024	1644	1647	1651	rVB2	47423	42697	2.02%	0.199%
31	12.107	1658	1661	1664	rBV2	55600	61055	2.89%	0.284%
32	12.171	1669	1672	1675	rBV2	41427	37078	1.75%	0.173%
33	12.289	1689	1692	1694	rBV	26111	22956	1.09%	0.107%
34	12.560	1733	1738	1740	rBV2	35302	53721	2.54%	0.250%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106660.D
Acq On : 21 Jun 2018 14:32
Operator : JU/SJ
Sample : J3584-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-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	12.636	1748	1751	1753	rBV3	19377	24445	1.16%	0.114%
36	12.713	1760	1764	1767	rBV	405938	328573	15.55%	1.530%
37	12.742	1767	1769	1772	rVB	118051	96694	4.58%	0.450%
38	12.942	1796	1803	1808	rVB	348549	393701	18.63%	1.834%
39	12.989	1808	1811	1815	rBV3	22318	23532	1.11%	0.110%
40	13.077	1822	1826	1829	rBV	2086773	1880591	88.98%	8.758%
41	13.265	1856	1858	1860	rVV	30941	29808	1.41%	0.139%
42	13.289	1860	1862	1864	rVB	34478	27086	1.28%	0.126%
43	13.371	1872	1876	1879	rVB2	29174	36261	1.72%	0.169%
44	13.495	1895	1897	1902	rBV3	18620	27127	1.28%	0.126%
45	13.630	1917	1920	1923	rBV2	41578	44865	2.12%	0.209%
46	13.777	1942	1945	1950	rVB	26214	31077	1.47%	0.145%
47	13.959	1971	1976	1979	rBV2	123148	141496	6.70%	0.659%
48	14.148	2002	2008	2010	rBV2	815720	868742	41.11%	4.046%
49	14.171	2010	2012	2020	rVB	176792	157323	7.44%	0.733%
50	14.283	2028	2031	2034	rBV	65866	55977	2.65%	0.261%
51	14.601	2082	2085	2089	rBV	83467	87501	4.14%	0.408%
52	14.918	2136	2139	2142	rBV	79390	86284	4.08%	0.402%
53	15.230	2188	2192	2195	rBV	123818	184871	8.75%	0.861%
54	15.277	2198	2200	2205	rVB	94048	95315	4.51%	0.444%
55	15.554	2244	2247	2254	rVB	75882	97359	4.61%	0.453%
56	15.618	2254	2258	2264	rBV	93019	134901	6.38%	0.628%
57	15.689	2264	2270	2274	rBV	442881	619582	29.32%	2.886%
58	16.142	2344	2347	2352	rVB	50568	68967	3.26%	0.321%
59	17.248	2531	2535	2540	rBV	35515	58926	2.79%	0.274%
60	17.724	2613	2616	2622	rVB2	29384	53344	2.52%	0.248%

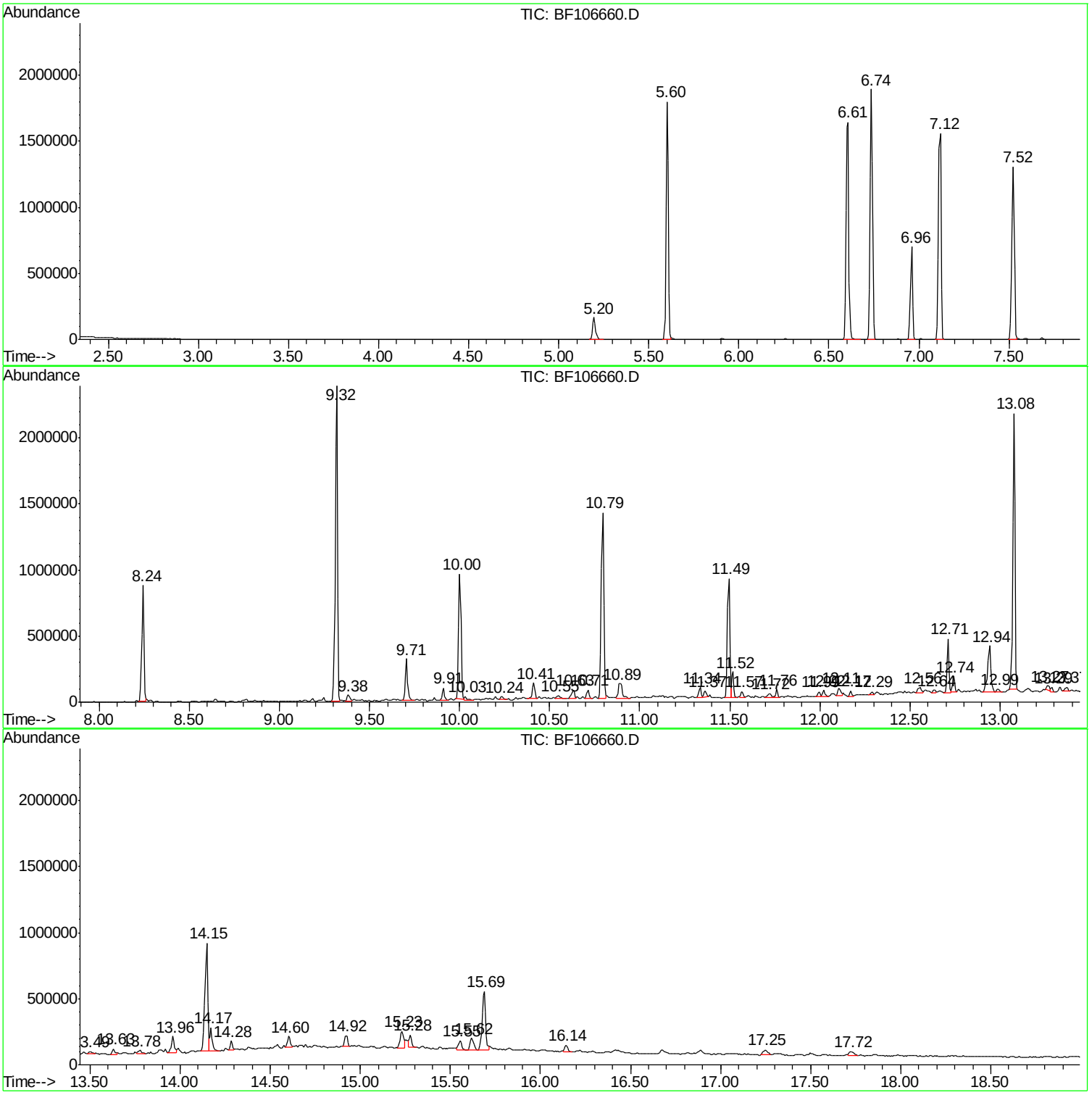
Sum of corrected areas: 21472033

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106660.D
Acq On : 21 Jun 2018 14:32
Operator : JU/SJ
Sample : J3584-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2-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\BF062118\
Data File : BF106660.D
Acq On : 21 Jun 2018 14:32
Operator : JU/SJ
Sample : J3584-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S

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

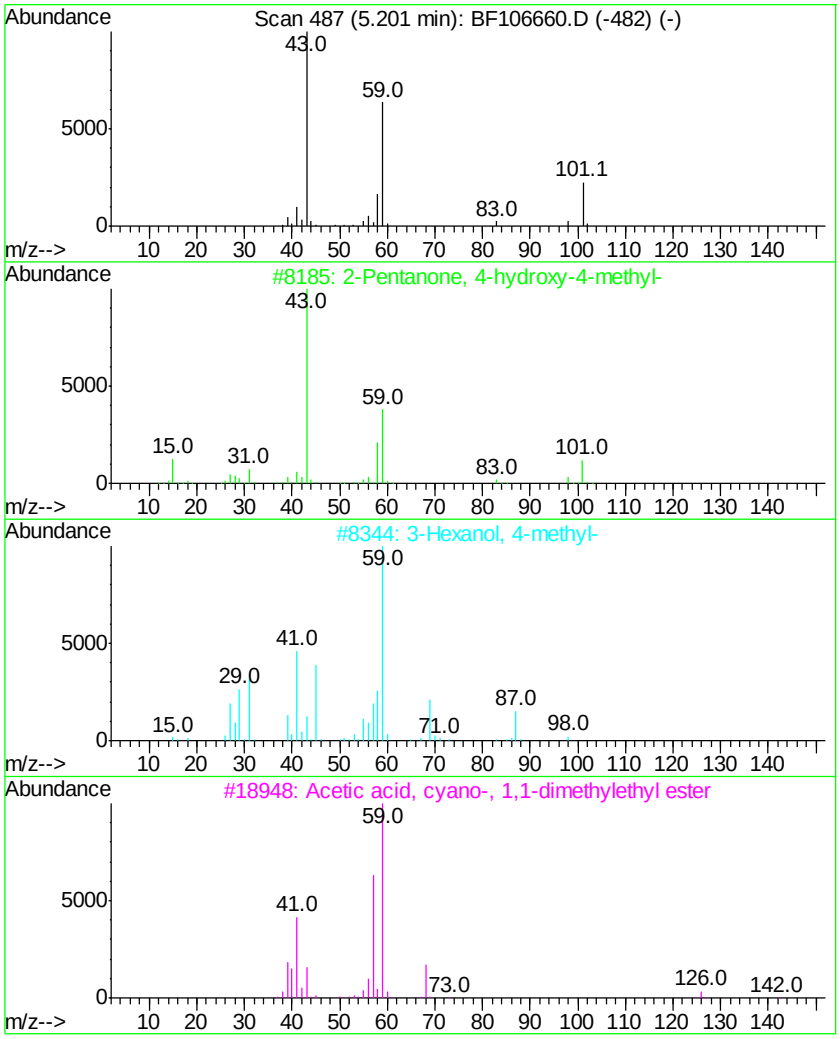
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

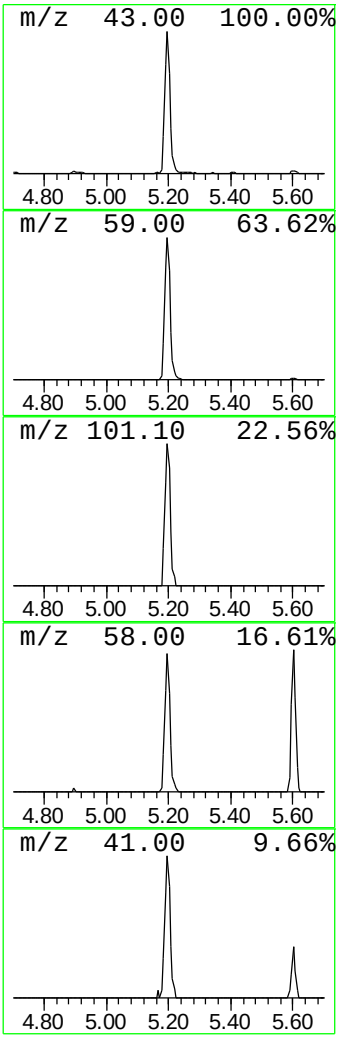
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	6.83 ng	192303	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106660.D
Acq On : 21 Jun 2018 14:32
Operator : JU/SJ
Sample : J3584-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S

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

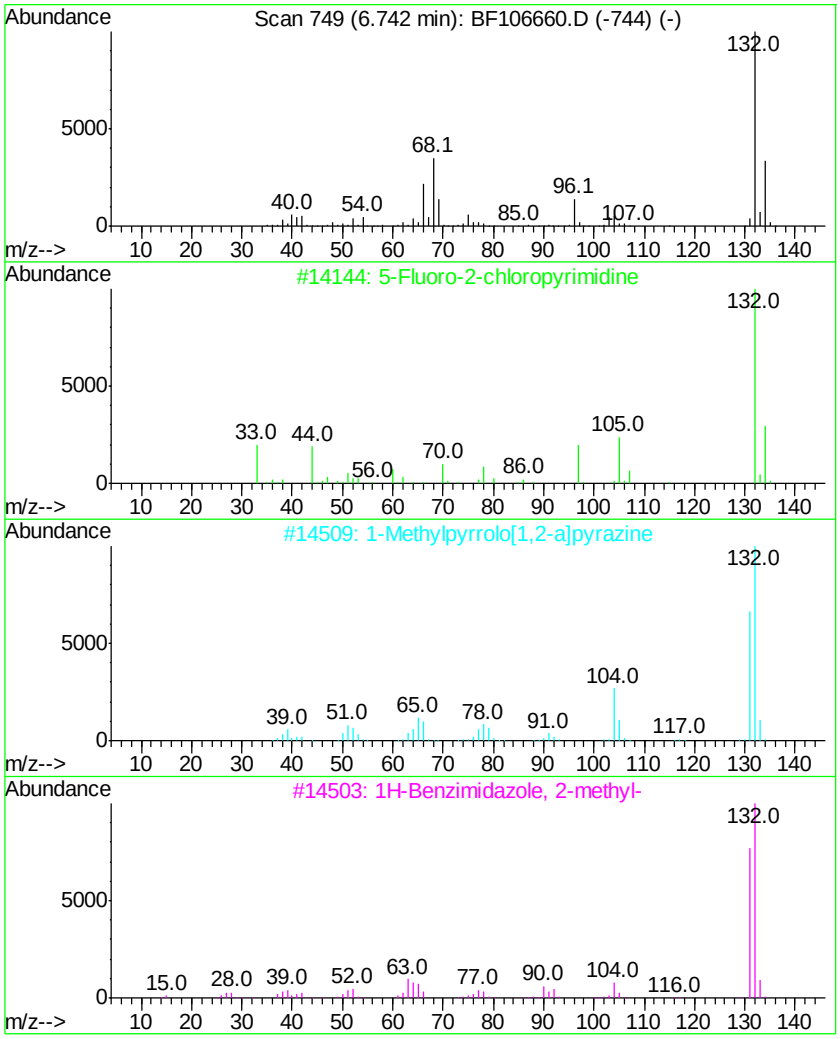
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

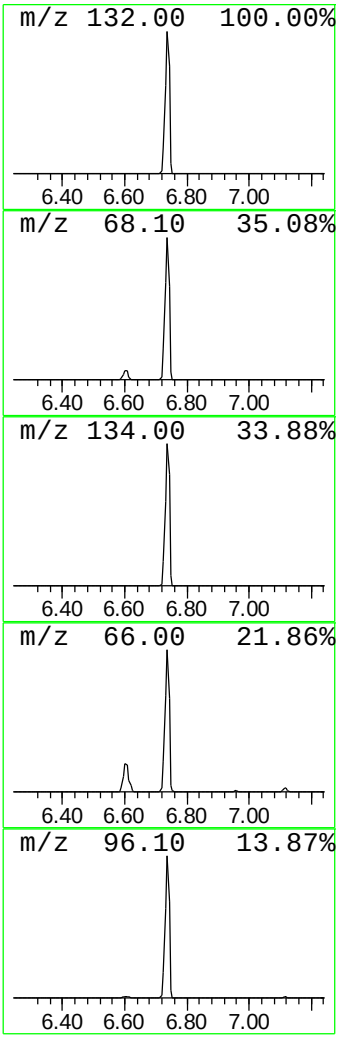
****

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	62.70 ng	1766500	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
2	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106660.D
Acq On : 21 Jun 2018 14:32
Operator : JU/SJ
Sample : J3584-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S

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

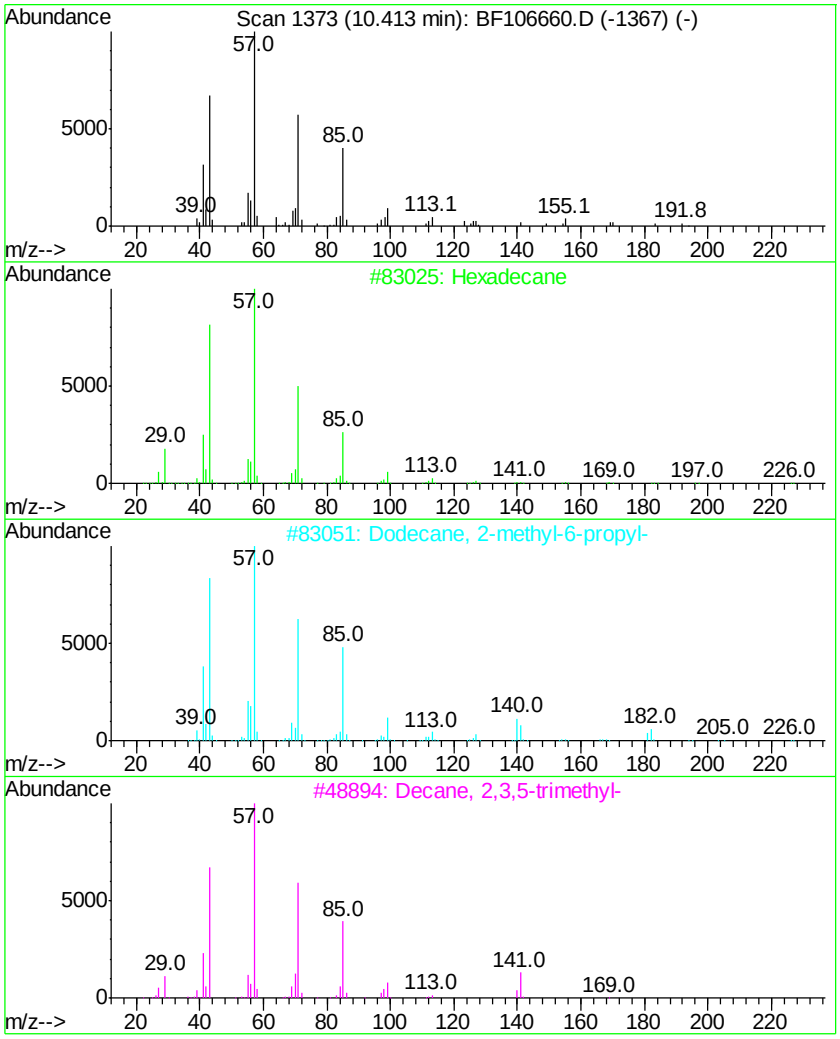
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

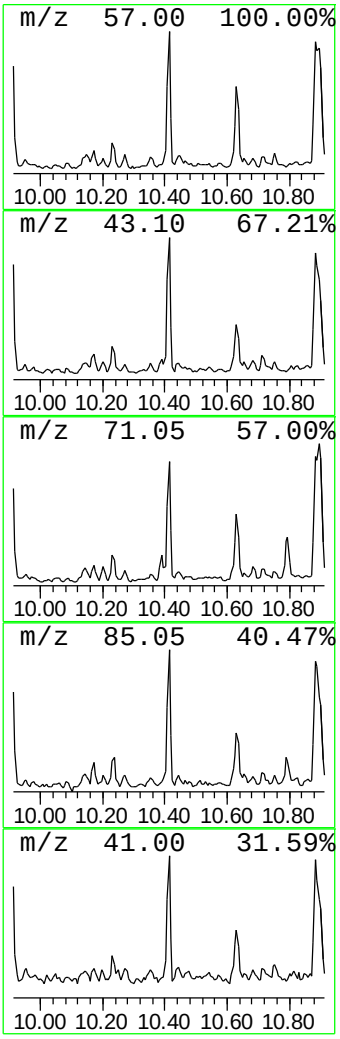
****

Peak Number 4 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	2.63 ng	107046	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
4	Tetradecane	198	C14H30	000629-59-4	72
5	Tridecane	184	C13H28	000629-50-5	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106660.D
Acq On : 21 Jun 2018 14:32
Operator : JU/SJ
Sample : J3584-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S

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

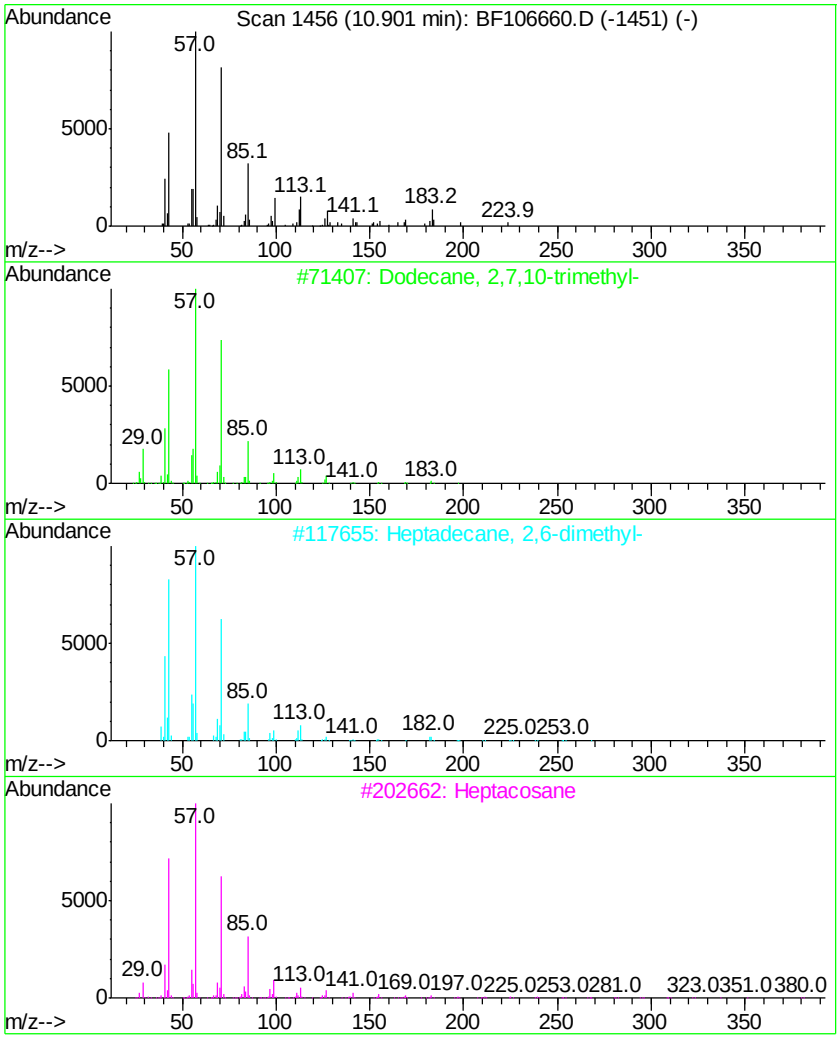
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

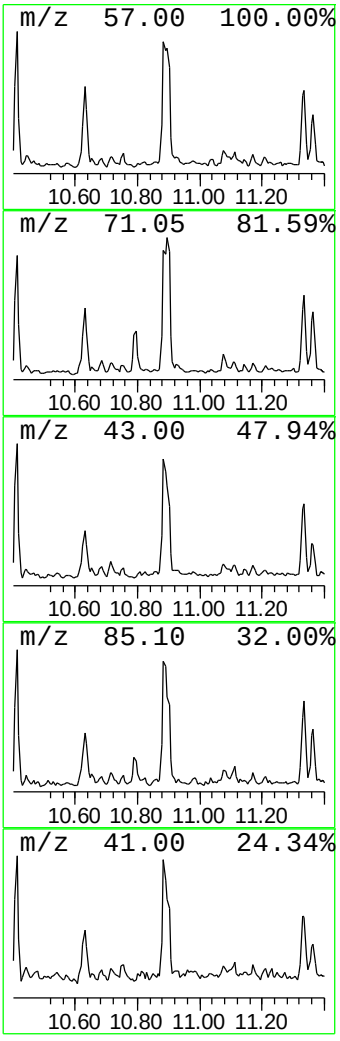
****

Peak Number 5 Dodecane, 2,7,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	4.96 ng	188925	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	78
3	Heptacosane	380	C27H56	000593-49-7	78
4	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	74
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106660.D
Acq On : 21 Jun 2018 14:32
Operator : JU/SJ
Sample : J3584-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S

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

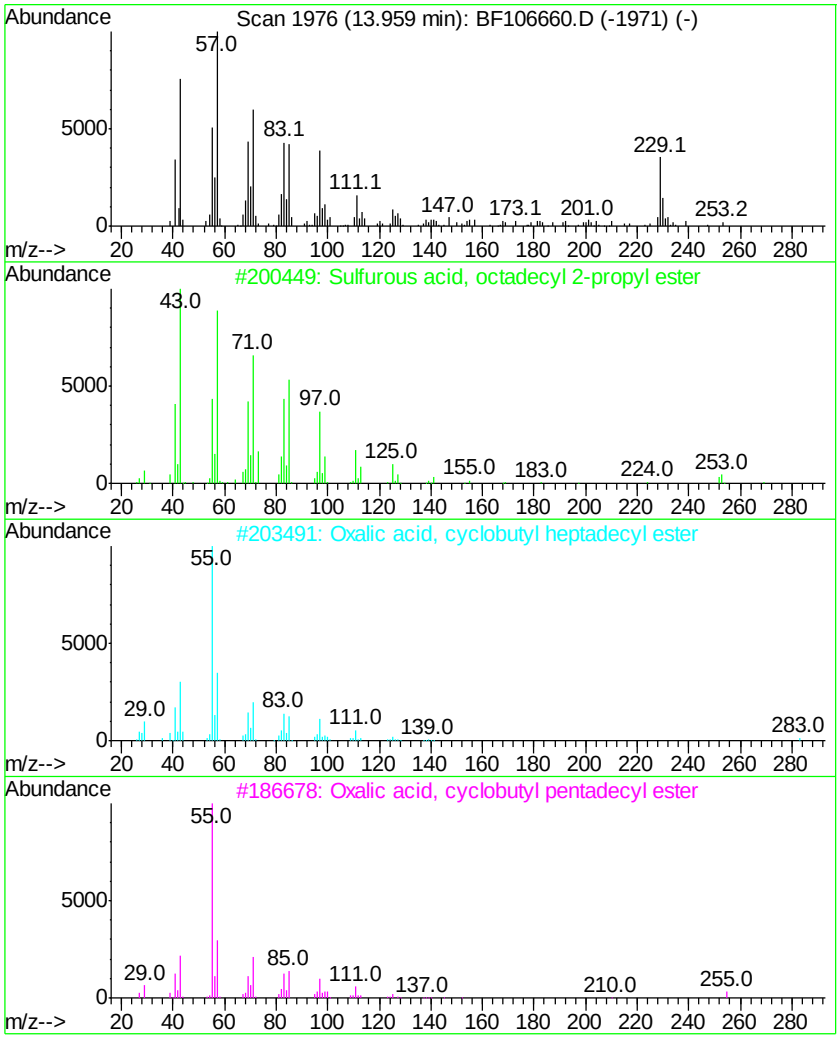
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

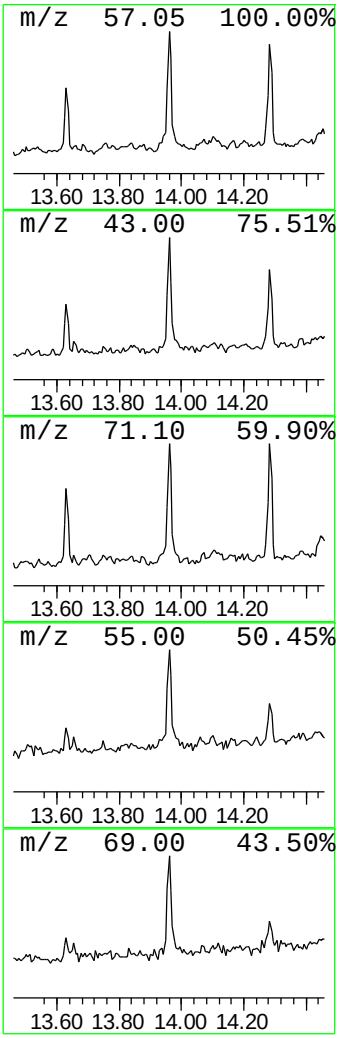
****

Peak Number 6 Sulfurous acid, octadecyl 2... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	3.26 ng	141496	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	81
2	Oxalic acid, cyclobutyl heptadec...	382	C23H42O4	1000309-70-7	74
3	Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1000309-70-5	49
4	17-Pentatriacontene	491	C35H70	006971-40-0	46
5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106660.D
Acq On : 21 Jun 2018 14:32
Operator : JU/SJ
Sample : J3584-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S

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

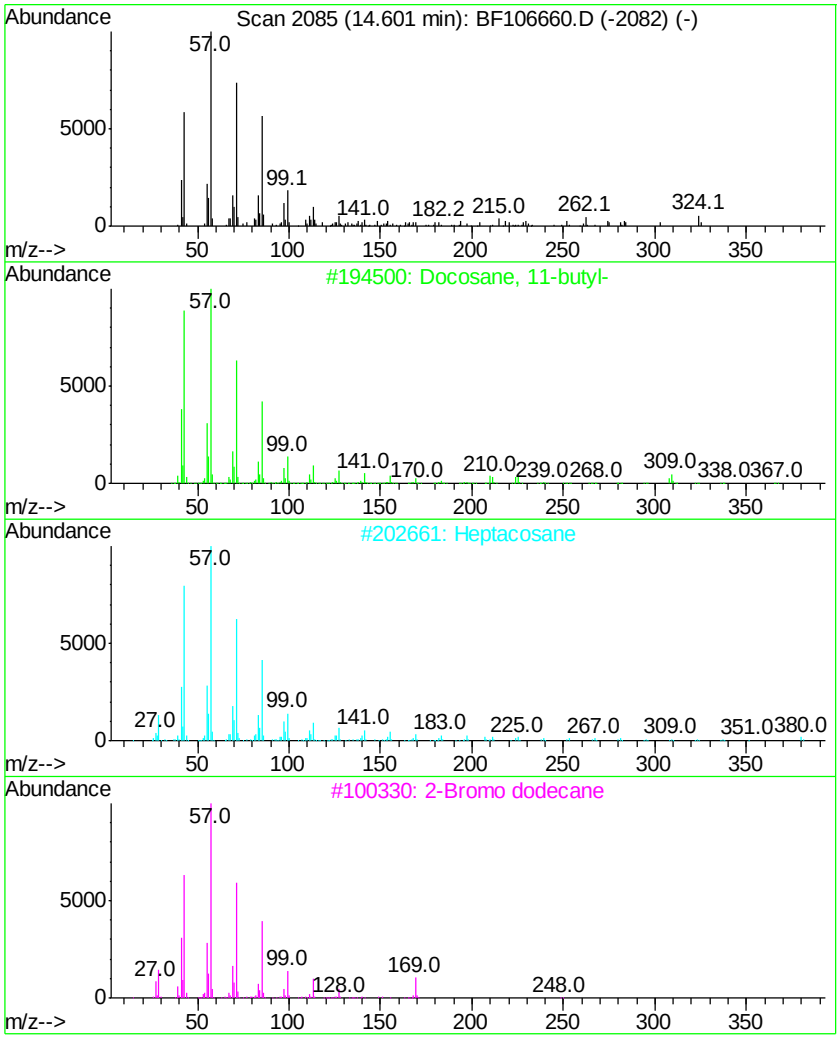
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

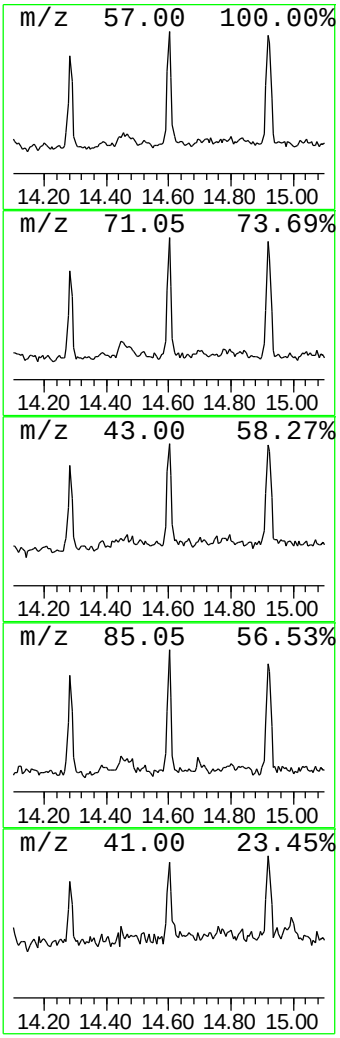
****

Peak Number 7 Docosane, 11-butyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	2.01 ng	87501	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	86
2	Heptacosane	380	C27H56	000593-49-7	86
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	80
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106660.D
Acq On : 21 Jun 2018 14:32
Operator : JU/SJ
Sample : J3584-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-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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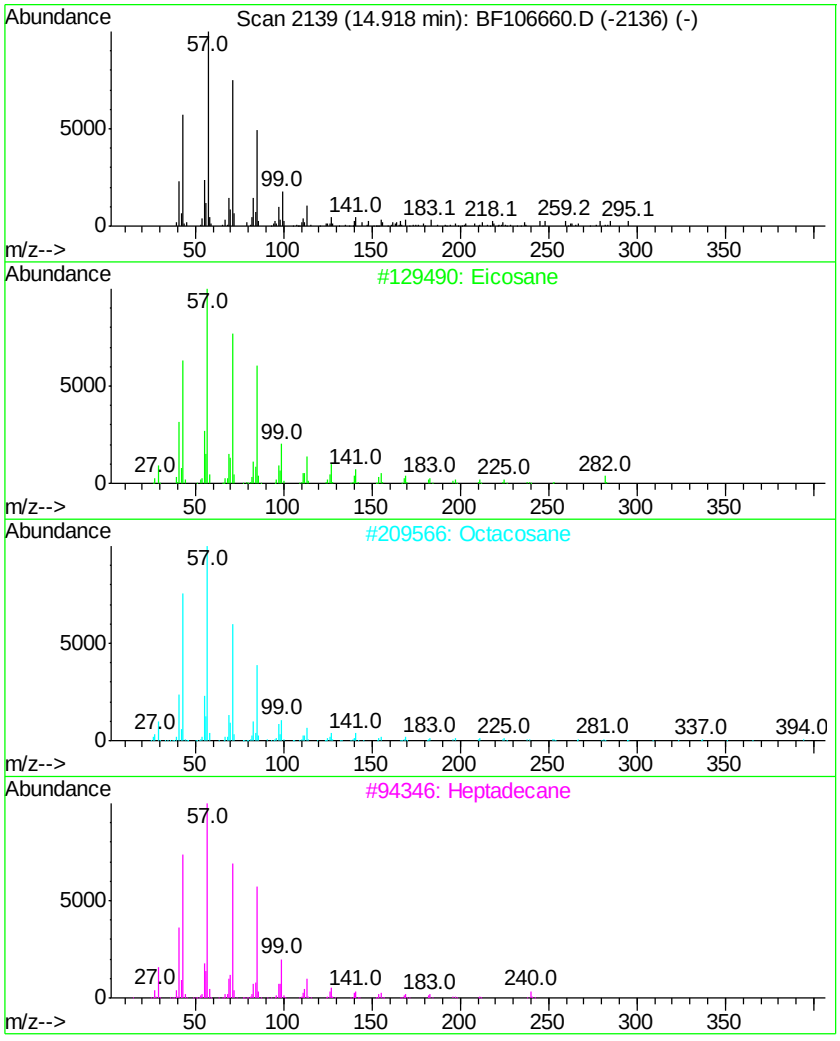
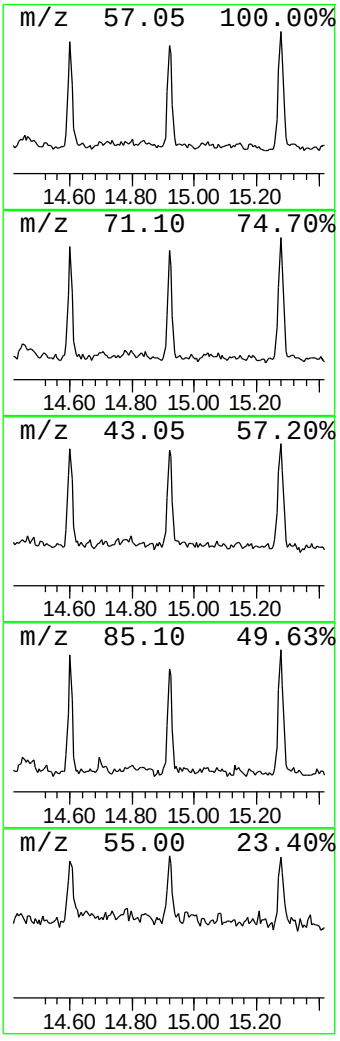
Peak Number 8 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	2.79 ng	86284	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Octadecane	254	C18H38	000593-45-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106660.D
Acq On : 21 Jun 2018 14:32
Operator : JU/SJ
Sample : J3584-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-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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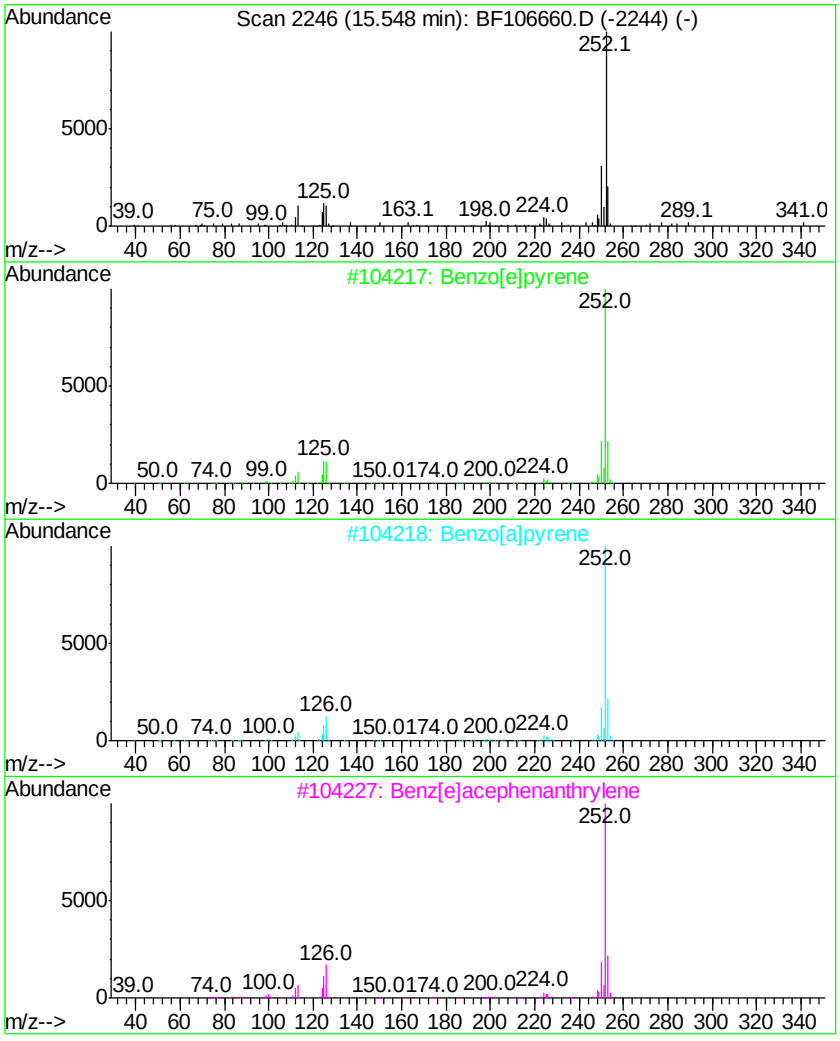
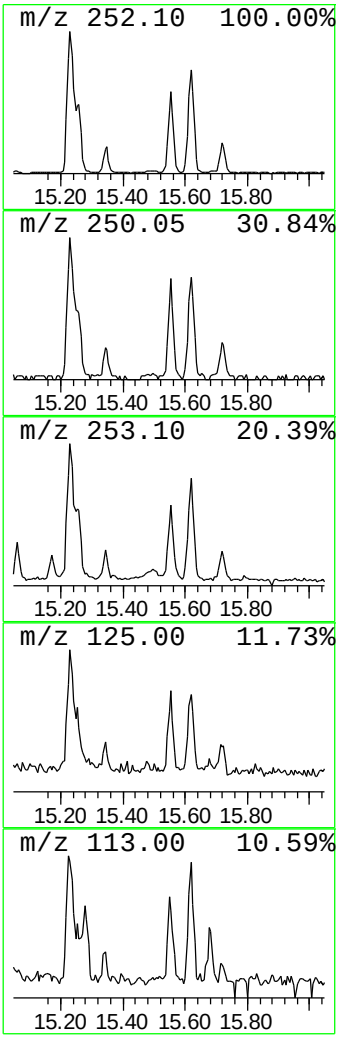
Peak Number 9 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	3.14 ng	97359	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Perylene	252	C20H12	000198-55-0	89
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106660.D
Acq On : 21 Jun 2018 14:32
Operator : JU/SJ
Sample : J3584-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-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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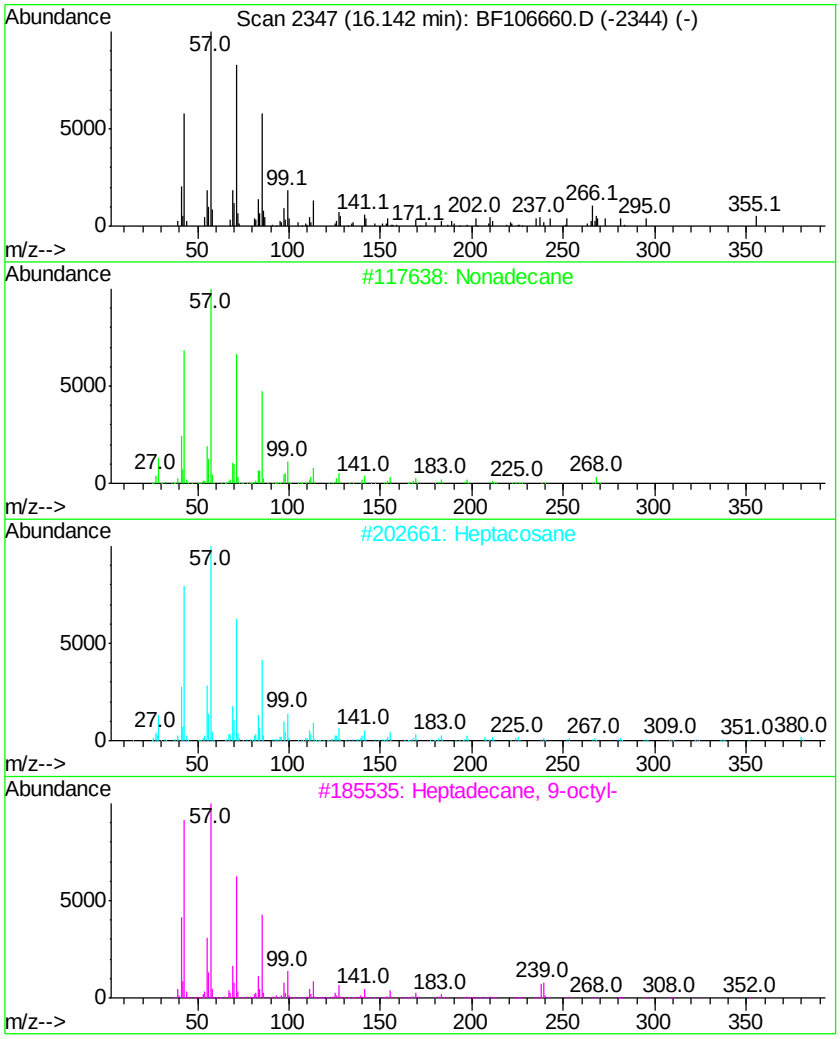
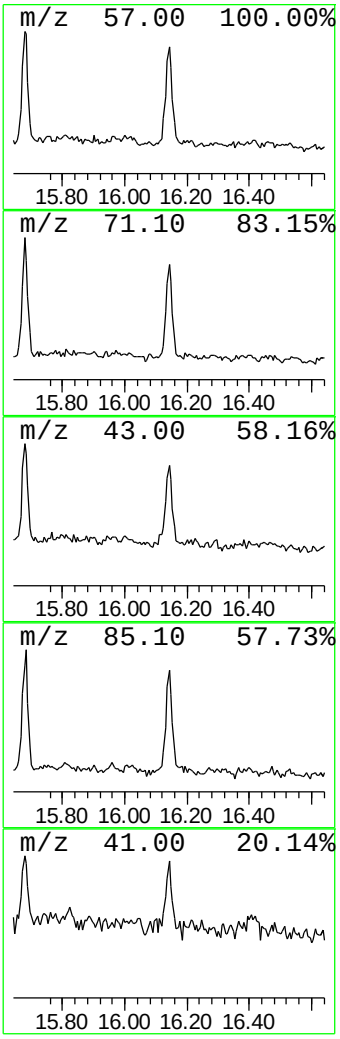
Peak Number 10 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	2.23 ng	68967	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	89
2	Heptacosane	380	C27H56	000593-49-7	64
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	62
4	Triacontane	422	C30H62	000638-68-6	62
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062118\
Data File : BF106660.D
Acq On : 21 Jun 2018 14:32
Operator : JU/SJ
Sample : J3584-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-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...	5.20	6.8	ng	192303	1	6.96	563519	20.0
unknown6.74	6.74	62.7	ng	1766500	1	6.96	563519	20.0
Hexadecane	10.41	2.6	ng	107046	3	10.00	813706	20.0
Dodecane, 2,7,10-...	10.90	5.0	ng	188925	4	11.49	761237	20.0
Sulfurous acid, o...	13.96	3.3	ng	141496	5	14.15	868742	20.0
Docosane, 11-butyl-	14.60	2.0	ng	87501	5	14.15	868742	20.0
Eicosane	14.92	2.8	ng	86284	6	15.69	619582	20.0
Benzo[e]pyrene	15.55	3.1	ng	97359	6	15.69	619582	20.0
Nonadecane	16.14	2.2	ng	68967	6	15.69	619582	20.0