LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106702.D
Acq On : 22 Jun 2018 12:10
Operator : JU/SJ
Sample : J3603-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26KV-TP-8

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	5.201	482	487	497	rBV	113118	148381	10.37%	0.919%
2	5.607	552	556	559	rBV	1371726	1357686	94.88%	8.407%
3	6.225	658	661	669	rVB2	14680	23093	1.61%	0.143%
4	6.607	721	726	729	rBV	1304625	1416558	99.00%	8.771%
5	6.736	744	748	751	rBV	1417882	1424317	99.54%	8.819%
6	6.778	752	755	759	rVB	33715	28489	1.99%	0.176%
7	6.960	782	786	789	rVB	504475	389311	27.21%	2.411%
8	7.119	808	813	816	rVB	1157459	1060138	74.09%	6.564%
9	7.525	877	882	885	rBV	998489	998747	69.80%	6.184%
10	8.242	1000	1004	1007	rBV	578581	502062	35.09%	3.109%
11	8.283	1009	1011	1014	rVB	22788	17326	1.21%	0.107%
12	8.642	1070	1072	1075	rBV	31816	27952	1.95%	0.173%
13	8.813	1098	1101	1106	rVB	16105	15801	1.10%	0.098%
14	8.954	1120	1125	1128	rBV	18519	14982	1.05%	0.093%
15	9.177	1159	1163	1168	rVB2	17226	18138	1.27%	0.112%
16	9.319	1180	1187	1190	rBV	1442909	1430930	100.00%	8.860%
17	9.383	1195	1198	1201	rBV2	20429	18729	1.31%	0.116%
18	9.654	1241	1244	1247	rBV	23694	22521	1.57%	0.139%
19	9.707	1250	1253	1260	rVB	109915	105503	7.37%	0.653%
20	9.907	1283	1287	1291	rBV	24749	25396	1.77%	0.157%
21	10.001	1299	1303	1307	rBV2	661365	571237	39.92%	3.537%
22	10.201	1334	1337	1340	rVB2	18794	18744	1.31%	0.116%
23	10.236	1340	1343	1347	rVB3	22093	20361	1.42%	0.126%
24	10.313	1353	1356	1359	rBV2	20561	21319	1.49%	0.132%
25	10.342	1359	1361	1366	rVB	16832	15297	1.07%	0.095%
26	10.389	1366	1369	1370	rBV	21656	17441	1.22%	0.108%
27	10.407	1370	1372	1376	rVB2	40438	38828	2.71%	0.240%
28	10.542	1393	1395	1403	rVB5	9187	17853	1.25%	0.111%
29	10.713	1418	1424	1426	rVB5	8287	15173	1.06%	0.094%
30	10.795	1434	1438	1441	rBV	1151388	1079037	75.41%	6.681%
31	10.883	1451	1453	1464	rBV3	45080	77676	5.43%	0.481%
32	11.224	1506	1511	1513	rBV4	13383	21187	1.48%	0.131%
33	11.248	1513	1515	1520	rVB3	13497	17803	1.24%	0.110%
34	11.295	1520	1523	1526	rBV2	18073	20353	1.42%	0.126%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106702.D
Acq On : 22 Jun 2018 12:10
Operator : JU/SJ
Sample : J3603-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26KV-TP-8

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	11.336	1526	1530	1532	rVV2	47236	43966	3.07%	0.272%
36	11.360	1532	1534	1537	rVB2	15135	15190	1.06%	0.094%
37	11.495	1553	1557	1559	rBV	721310	623164	43.55%	3.859%
38	11.519	1559	1561	1565	rVB	91650	74221	5.19%	0.460%
39	11.601	1571	1575	1577	rBV2	18079	18868	1.32%	0.117%
40	11.648	1580	1583	1585	rBV3	14910	18420	1.29%	0.114%
41	11.724	1593	1596	1600	rBV3	11011	23107	1.61%	0.143%
42	11.760	1600	1602	1605	rVB	50796	38792	2.71%	0.240%
43	11.824	1611	1613	1618	rVB4	16435	18169	1.27%	0.113%
44	11.995	1639	1642	1644	rBV	49453	42924	3.00%	0.266%
45	12.018	1644	1646	1651	rVV2	69711	73077	5.11%	0.452%
46	12.071	1651	1655	1658	rVV5	14926	28345	1.98%	0.176%
47	12.101	1658	1660	1663	rVV2	59093	62950	4.40%	0.390%
48	12.130	1663	1665	1669	rVB	37181	28390	1.98%	0.176%
49	12.171	1669	1672	1675	rBV2	31877	31935	2.23%	0.198%
50	12.289	1688	1692	1695	rBV2	38305	36536	2.55%	0.226%
51	12.318	1695	1697	1702	rVB4	15394	16186	1.13%	0.100%
52	12.471	1721	1723	1725	rBV	22760	19679	1.38%	0.122%
53	12.495	1725	1727	1729	rVB	21453	14960	1.05%	0.093%
54	12.542	1732	1735	1739	rBV2	74062	89057	6.22%	0.551%
55	12.577	1739	1741	1743	rVV	26286	26241	1.83%	0.162%
56	12.601	1743	1745	1747	rVB	27630	19150	1.34%	0.119%
57	12.630	1747	1750	1754	rBV3	22964	26342	1.84%	0.163%
58	12.707	1760	1763	1767	rBV	137866	121564	8.50%	0.753%
59	12.748	1767	1770	1772	rBV2	32333	26811	1.87%	0.166%
60	12.883	1791	1793	1797	rVB2	18010	18686	1.31%	0.116%
61	12.942	1797	1803	1808	rBV2	103485	141103	9.86%	0.874%
62	12.989	1808	1811	1815	rVB	35197	32858	2.30%	0.203%
63	13.048	1815	1821	1822	rBV2	16424	18659	1.30%	0.116%
64	13.077	1822	1826	1829	rBV	1477856	1347480	94.17%	8.344%
65	13.148	1835	1838	1846	rVB3	27885	48997	3.42%	0.303%
66	13.242	1851	1854	1855	rVV2	16692	18827	1.32%	0.117%
67	13.265	1855	1858	1860	rVV2	37647	37804	2.64%	0.234%
68	13.289	1860	1862	1864	rVB2	19295	15654	1.09%	0.097%
69	13.330	1867	1869	1871	rBV	19030	16071	1.12%	0.100%
70	13.371	1871	1876	1879	rVB2	20798	24019	1.68%	0.149%
71	13.465	1890	1892	1894	rBV	20244	17190	1.20%	0.106%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106702.D
Acq On : 22 Jun 2018 12:10
Operator : JU/SJ
Sample : J3603-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26KV-TP-8

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

72	13.630	1915	1920	1922	rBV3	20989	24595	1.72%	0.152%
73	13.671	1925	1927	1929	rBV2	14971	15646	1.09%	0.097%
74	13.754	1937	1941	1943	rBV3	13746	19088	1.33%	0.118%
75	13.777	1943	1945	1949	rVB2	26904	29953	2.09%	0.185%
76	13.889	1959	1964	1967	rBV4	19372	32092	2.24%	0.199%
77	13.960	1972	1976	1979	rVV2	68935	72268	5.05%	0.447%
78	13.989	1979	1981	1986	rVB2	17696	19125	1.34%	0.118%
79	14.077	1990	1996	1998	rBV5	19060	31605	2.21%	0.196%
80	14.148	2003	2008	2011	rBV	599492	609736	42.61%	3.776%
81	14.171	2011	2012	2014	rVB	64027	33632	2.35%	0.208%
82	14.283	2028	2031	2040	rVB9	28734	54555	3.81%	0.338%
83	14.542	2070	2075	2078	rVB	35090	43131	3.01%	0.267%
84	14.577	2078	2081	2083	rBV	24674	19862	1.39%	0.123%
85	14.601	2083	2085	2089	rBV3	20329	28028	1.96%	0.174%
86	14.742	2106	2109	2115	rVB5	15861	21458	1.50%	0.133%
87	14.918	2137	2139	2142	rVB	20723	17627	1.23%	0.109%
88	15.230	2188	2192	2195	rBV	44229	62591	4.37%	0.388%
89	15.442	2225	2228	2235	rVB8	12187	23486	1.64%	0.145%
90	15.554	2244	2247	2253	rVB	39566	48524	3.39%	0.300%
91	15.618	2254	2258	2262	rBV	45671	57544	4.02%	0.356%
92	15.689	2265	2270	2275	rBV	416129	539034	37.67%	3.338%
93	17.248	2531	2535	2542	rVB2	17137	35803	2.50%	0.222%
94	17.730	2613	2617	2623	rVB	18335	36516	2.55%	0.226%

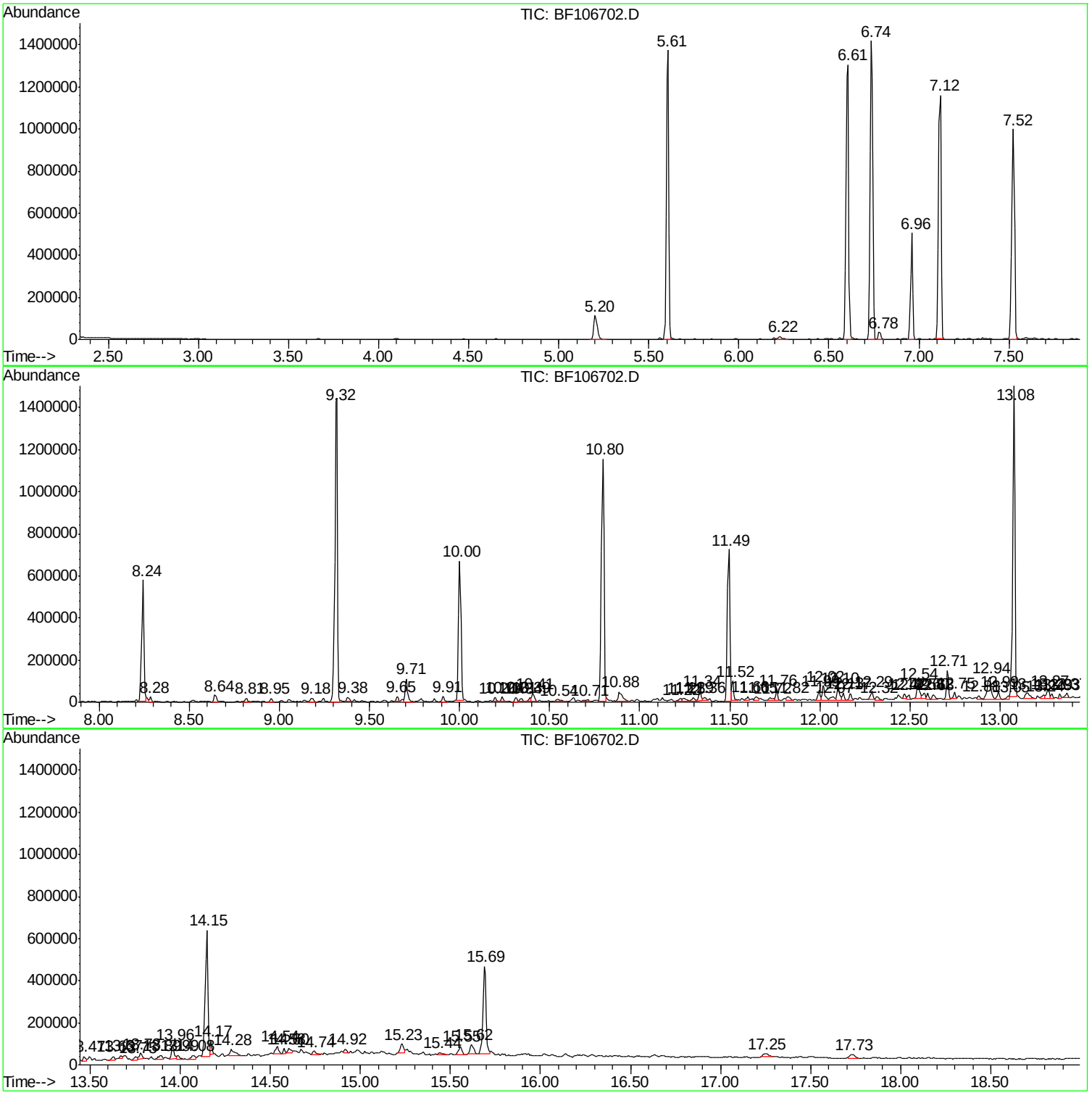
Sum of corrected areas: 16149660

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106702.D
Acq On : 22 Jun 2018 12:10
Operator : JU/SJ
Sample : J3603-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26KV-TP-8

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\BF062218\
Data File : BF106702.D
Acq On : 22 Jun 2018 12:10
Operator : JU/SJ
Sample : J3603-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26KV-TP-8

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

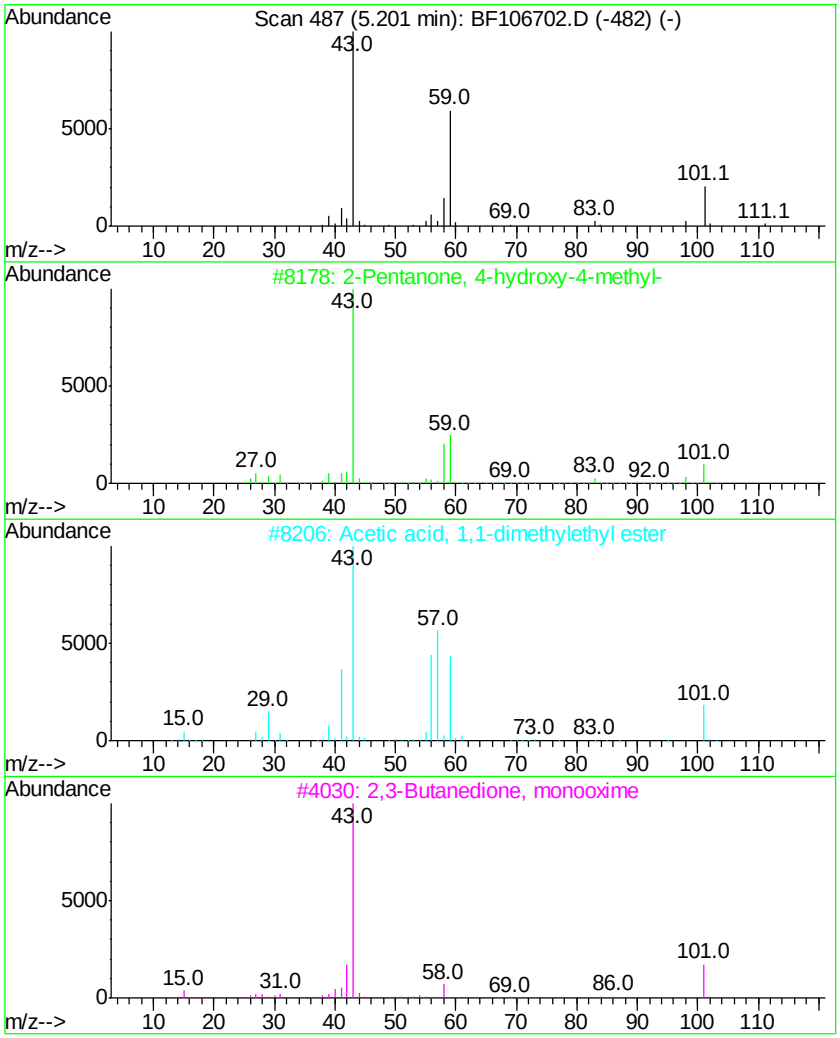
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

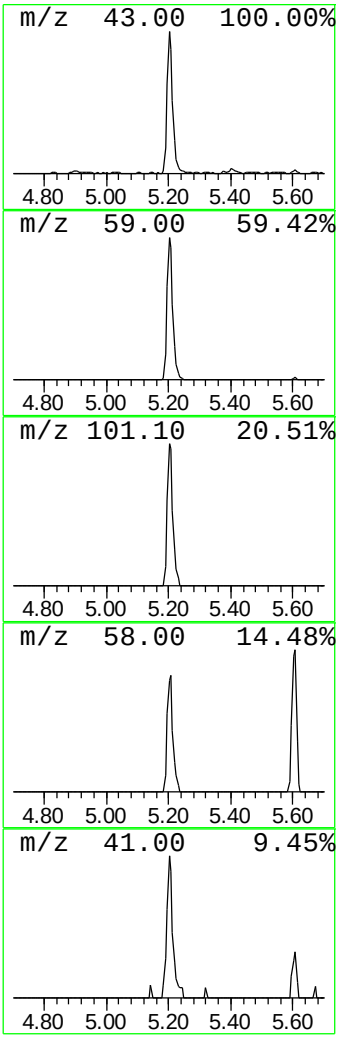
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	7.62 ng	148381	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	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	3-Hexanol	102	C6H14O	000623-37-0	25
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106702.D
Acq On : 22 Jun 2018 12:10
Operator : JU/SJ
Sample : J3603-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26KV-TP-8

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

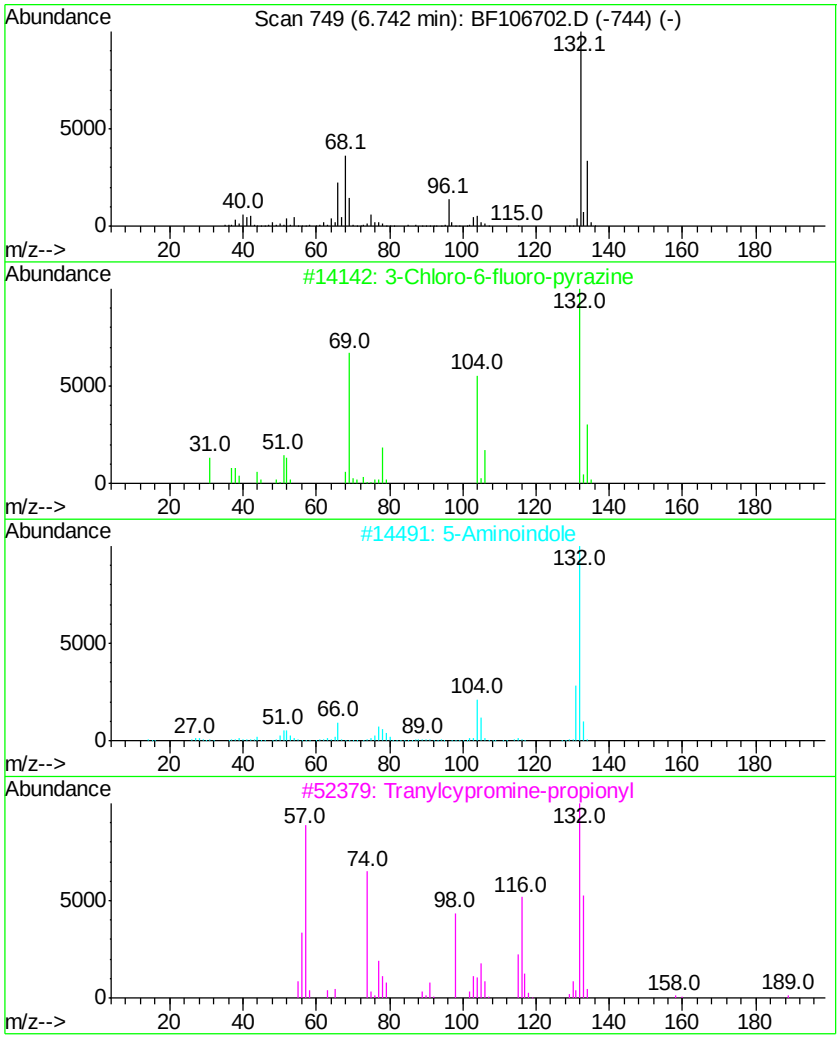
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

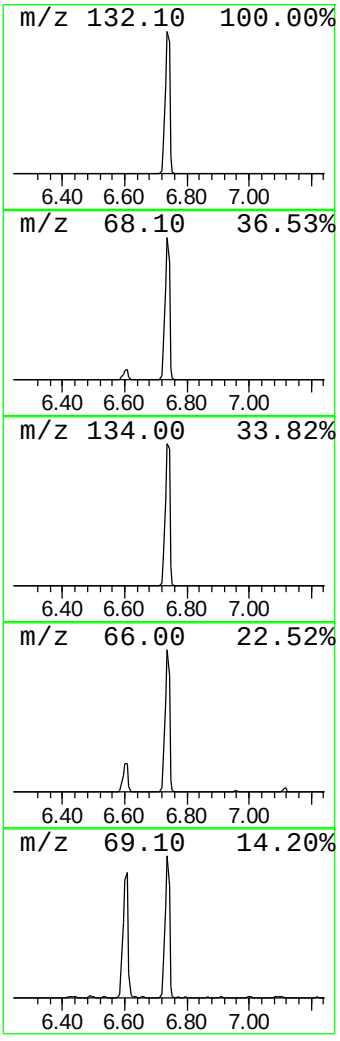
****

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	73.17 ng	1424320	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106702.D
Acq On : 22 Jun 2018 12:10
Operator : JU/SJ
Sample : J3603-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26KV-TP-8

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

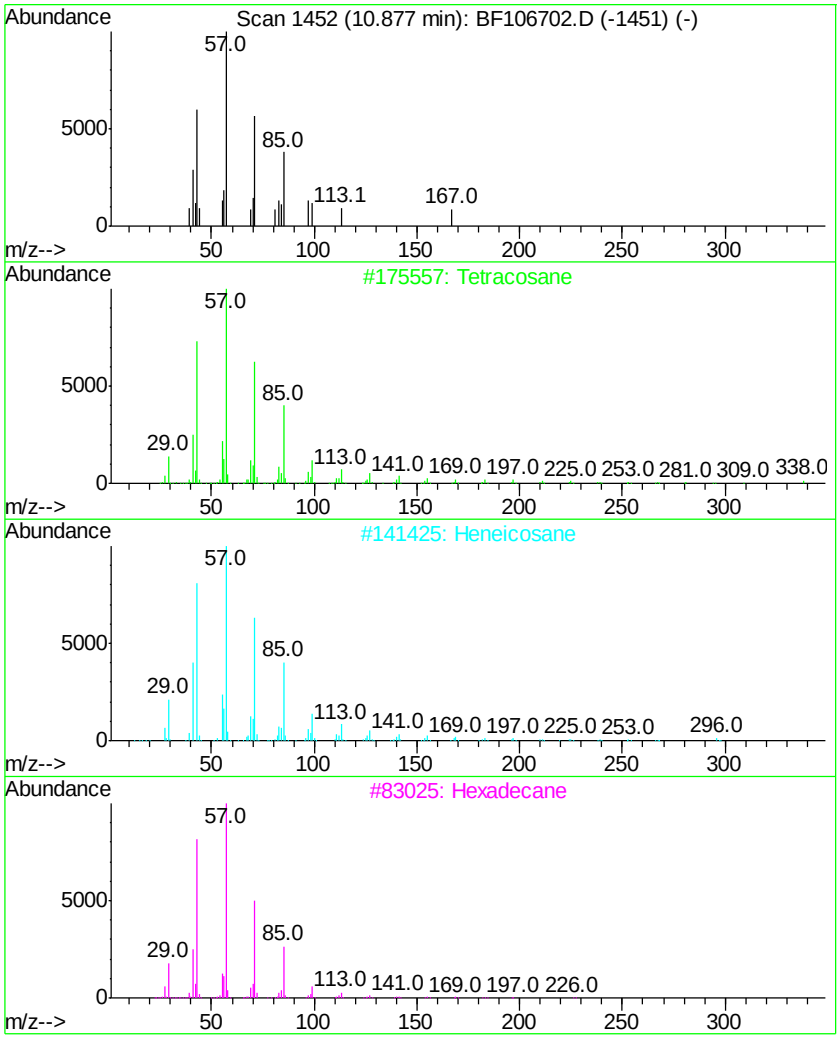
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

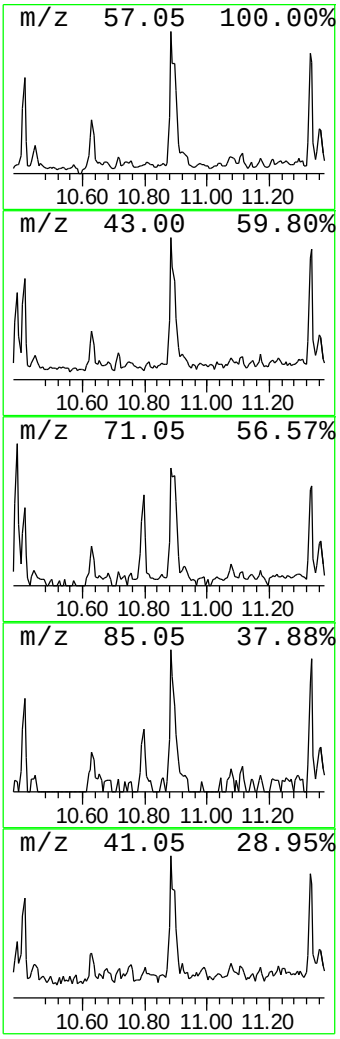
****

Peak Number 4 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	2.49 ng	77676	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heptacosane	380	C27H56	000593-49-7	90
5	Octadecane	254	C18H38	000593-45-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106702.D
Acq On : 22 Jun 2018 12:10
Operator : JU/SJ
Sample : J3603-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26KV-TP-8

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

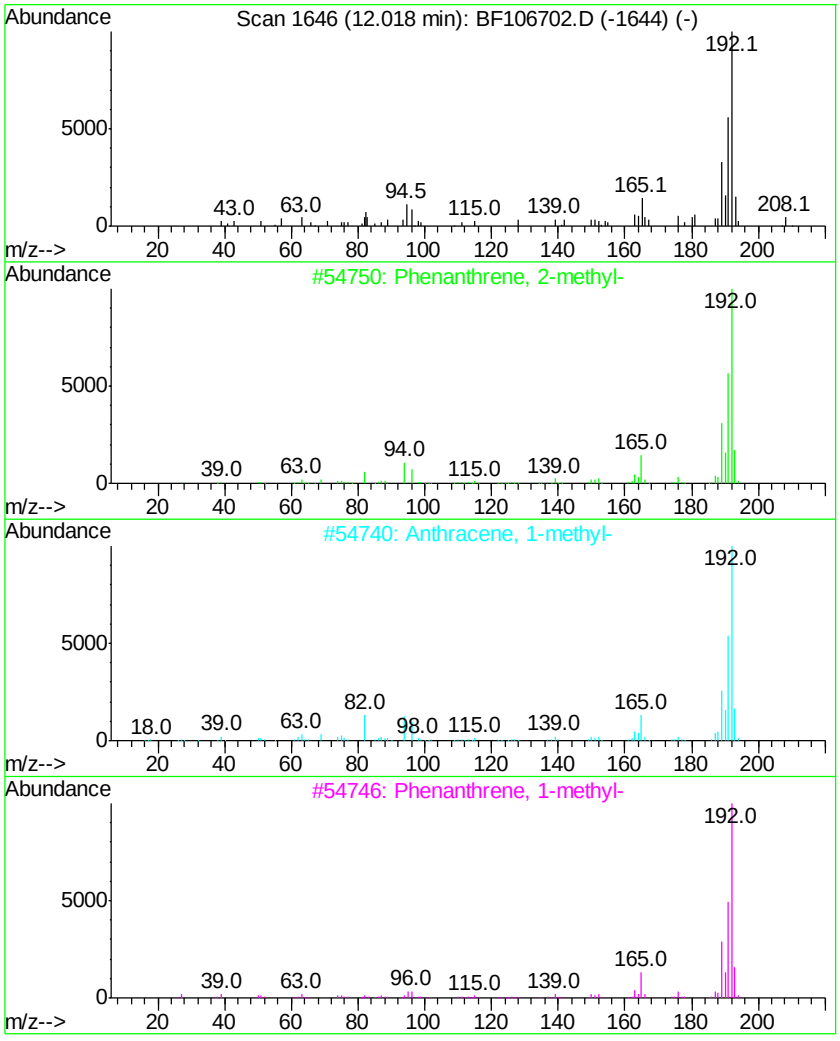
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

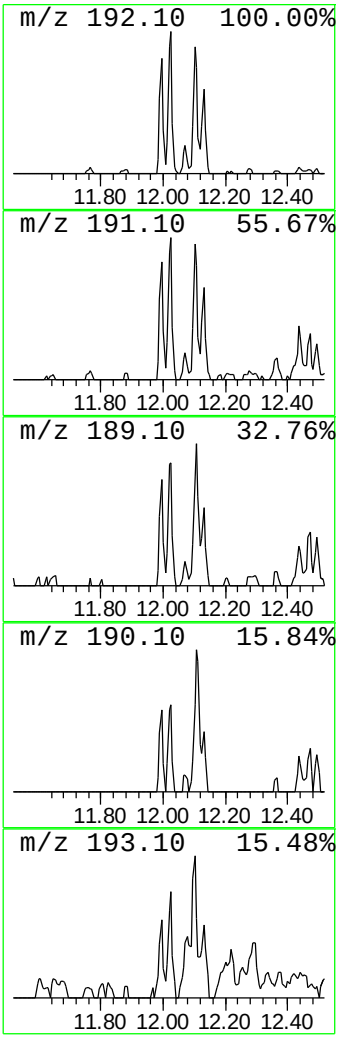
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.35 ng	73077	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106702.D
Acq On : 22 Jun 2018 12:10
Operator : JU/SJ
Sample : J3603-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26KV-TP-8

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

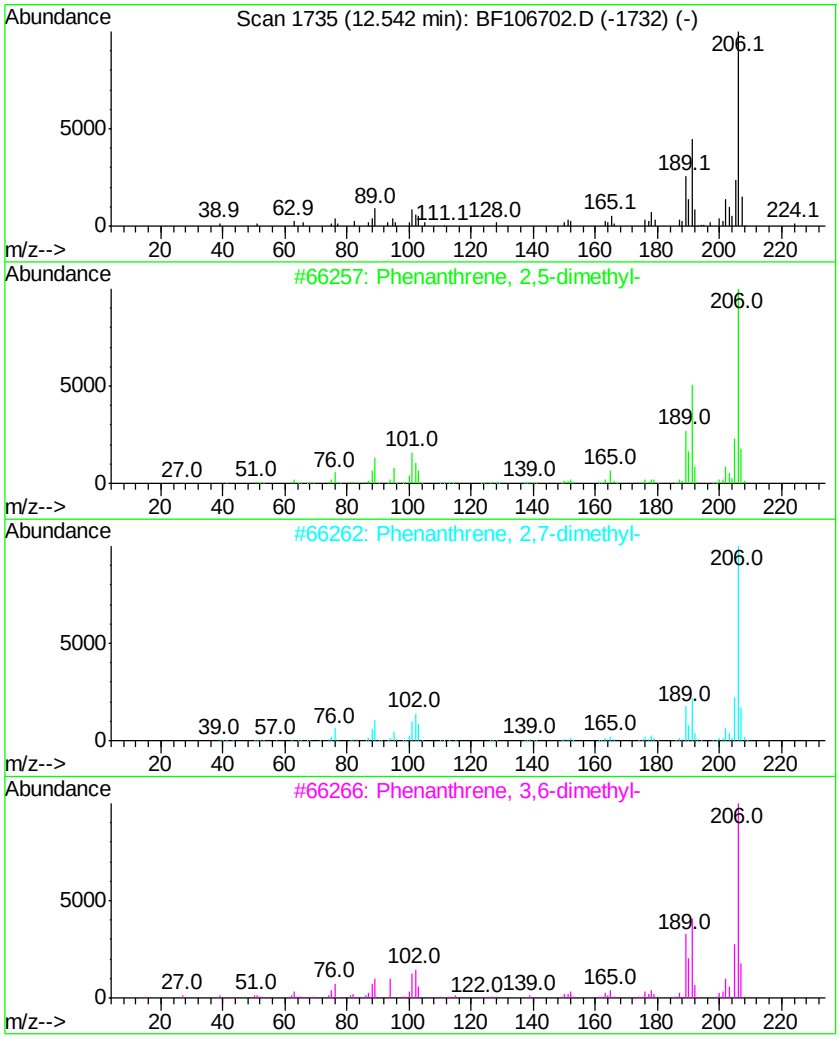
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

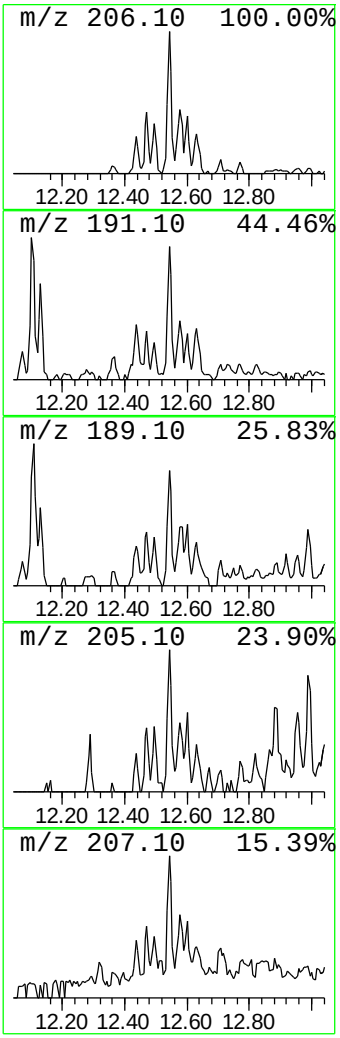
****

Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	2.86 ng	89057	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106702.D
Acq On : 22 Jun 2018 12:10
Operator : JU/SJ
Sample : J3603-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26KV-TP-8

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

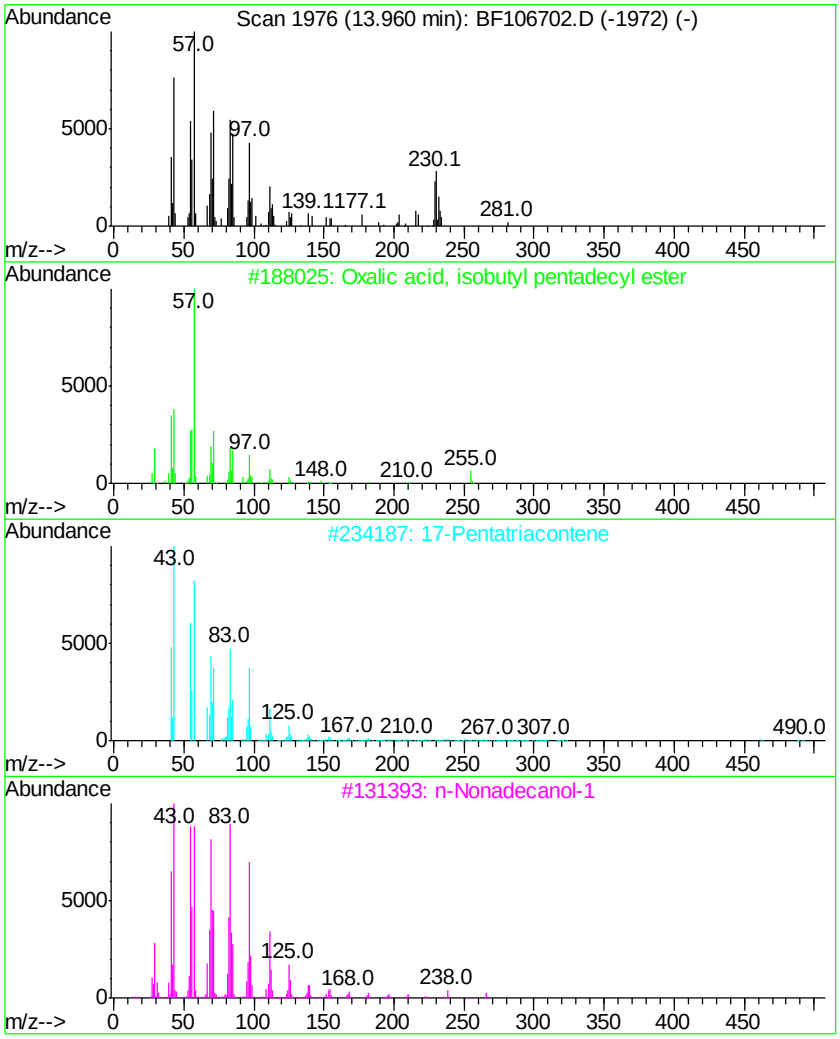
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

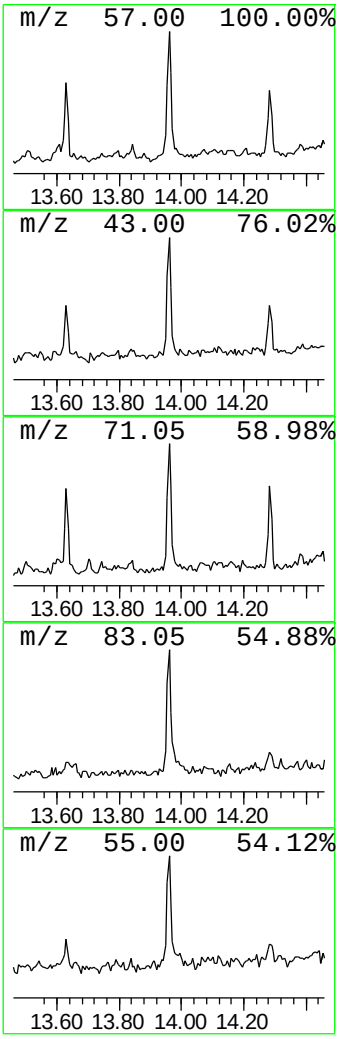
****

Peak Number 8 Oxalic acid, isobutyl penta... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	2.37 ng	72268	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	68
2	17-Pentatriacontene	491	C35H70	006971-40-0	58
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	55
4	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	55
5	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062218\
Data File : BF106702.D
Acq On : 22 Jun 2018 12:10
Operator : JU/SJ
Sample : J3603-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26KV-TP-8

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	7.6	ng	148381	1	6.96	389311	20.0
unknown6.74	6.74	73.2	ng	1424320	1	6.96	389311	20.0
Tetracosane	10.88	2.5	ng	77676	4	11.49	623164	20.0
Phenanthrene, 2-m...	12.02	2.4	ng	73077	4	11.49	623164	20.0
Phenanthrene, 2,5...	12.54	2.9	ng	89057	4	11.49	623164	20.0
Oxalic acid, isob...	13.96	2.4	ng	72268	5	14.15	609736	20.0