LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107893.D
Acq On : 1 Aug 2018 17:07
Operator : JU/SJ
Sample : J4234-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE-CONCRETE

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-BF073018.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	480	483	495	rBV	392495	439276	20.93%	1.272%
2	5.613	552	557	580	rBV3	33407	181136	8.63%	0.525%
3	6.613	723	727	745	rBV	88938	397940	18.96%	1.152%
4	6.736	745	748	770	rVB	215502	492462	23.46%	1.426%
5	6.966	783	787	809	rBV	302017	606279	28.89%	1.756%
6	7.113	809	812	826	rVV	368121	497557	23.71%	1.441%
7	7.542	881	885	897	rBV2	60914	231202	11.02%	0.670%
8	8.242	1001	1004	1028	rBV	447571	805911	38.40%	2.334%
9	9.313	1183	1186	1208	rBV	388077	723106	34.45%	2.094%
10	9.713	1249	1254	1260	rBV	29407	41268	1.97%	0.120%
11	10.001	1299	1303	1324	rBV2	676551	822125	39.17%	2.381%
12	10.801	1436	1439	1446	rBV	76755	136465	6.50%	0.395%
13	10.954	1463	1465	1468	rBV	34976	26755	1.27%	0.077%
14	11.036	1476	1479	1481	rBV	68986	58223	2.77%	0.169%
15	11.060	1481	1483	1487	rVV	77815	62369	2.97%	0.181%
16	11.124	1491	1494	1498	rVB	96044	72158	3.44%	0.209%
17	11.236	1510	1513	1520	rBV	142424	135332	6.45%	0.392%
18	11.419	1540	1544	1550	rBV	553770	466636	22.23%	1.351%
19	11.477	1550	1554	1556	rBV	658457	664635	31.67%	1.925%
20	11.507	1556	1559	1567	rVV2	911808	1142217	54.42%	3.308%
21	11.571	1567	1570	1573	rVB	652770	527154	25.12%	1.527%
22	11.683	1584	1589	1592	rBV	935543	816939	38.92%	2.366%
23	11.707	1592	1593	1596	rVB	111933	73254	3.49%	0.212%
24	11.801	1606	1609	1611	rBV	23890	28118	1.34%	0.081%
25	11.860	1615	1619	1622	rVV	2482017	2098897	100.00%	6.078%
26	11.889	1622	1624	1625	rVV	357176	324395	15.46%	0.939%
27	11.930	1629	1631	1637	rVB	372690	314677	14.99%	0.911%
28	11.995	1637	1642	1645	rBV	375720	357899	17.05%	1.036%
29	12.030	1645	1648	1650	rBV3	32034	35220	1.68%	0.102%
30	12.107	1655	1661	1664	rBV	485767	558087	26.59%	1.616%
31	12.136	1664	1666	1669	rVB	71815	54008	2.57%	0.156%
32	12.236	1680	1683	1687	rVB2	112200	105087	5.01%	0.304%
33	12.277	1687	1690	1693	rBV	1014181	888513	42.33%	2.573%
34	12.336	1696	1700	1705	rBV3	145533	228560	10.89%	0.662%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J4234-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE-CONCRETE

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-BF073018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.395	1708	1710	1713	rBV2	40327	47388	2.26%	0.137%
36	12.424	1713	1715	1719	rVB3	73433	68855	3.28%	0.199%
37	12.466	1719	1722	1724	rBV2	180850	207528	9.89%	0.601%
38	12.495	1724	1727	1732	rBV4	205986	253143	12.06%	0.733%
39	12.548	1734	1736	1738	rBV2	78856	63299	3.02%	0.183%
40	12.577	1739	1741	1747	rVB4	98796	120161	5.72%	0.348%
41	12.642	1749	1752	1755	rVB5	107564	110708	5.27%	0.321%
42	12.677	1755	1758	1760	rBV3	204412	294592	14.04%	0.853%
43	12.730	1765	1767	1769	rBV2	106221	94272	4.49%	0.273%
44	12.754	1769	1771	1773	rVB	219044	155669	7.42%	0.451%
45	12.783	1773	1776	1778	rVB2	139954	115116	5.48%	0.333%
46	12.818	1779	1782	1785	rBV2	277840	349269	16.64%	1.011%
47	12.848	1785	1787	1790	rBV3	215811	267597	12.75%	0.775%
48	12.877	1790	1792	1794	rVB2	228314	184303	8.78%	0.534%
49	12.901	1794	1796	1798	rBV3	243495	253227	12.06%	0.733%
50	13.018	1813	1816	1817	rBV2	297668	283098	13.49%	0.820%
51	13.083	1824	1827	1831	rVB	439009	444453	21.18%	1.287%
52	13.189	1843	1845	1849	rVV5	155766	201724	9.61%	0.584%
53	13.230	1849	1852	1854	rVB3	438821	399511	19.03%	1.157%
54	13.283	1859	1861	1864	rVB3	282009	252839	12.05%	0.732%
55	13.313	1864	1866	1867	rBV2	129719	102145	4.87%	0.296%
56	13.383	1875	1878	1879	rBV3	194046	161869	7.71%	0.469%
57	13.448	1887	1889	1891	rBV2	279687	250429	11.93%	0.725%
58	13.471	1891	1893	1895	rVB2	229129	156341	7.45%	0.453%
59	13.507	1895	1899	1903	rBV5	297344	374134	17.83%	1.083%
60	13.542	1903	1905	1909	rBV4	367665	562671	26.81%	1.629%
61	13.642	1920	1922	1924	rBV2	252058	189949	9.05%	0.550%
62	13.730	1934	1937	1940	rBV3	188195	198194	9.44%	0.574%
63	13.771	1941	1944	1946	rBV3	309903	358375	17.07%	1.038%
64	13.801	1946	1949	1951	rVV3	449980	432720	20.62%	1.253%
65	13.865	1954	1960	1965	rBV6	410317	857011	40.83%	2.482%
66	13.918	1967	1969	1971	rBV3	241387	234027	11.15%	0.678%
67	13.977	1977	1979	1985	rVB6	423493	540781	25.77%	1.566%
68	14.024	1985	1987	1988	rBV2	203320	130658	6.23%	0.378%
69	14.042	1988	1990	1992	rVB2	452427	331052	15.77%	0.959%
70	14.071	1992	1995	1996	rBV3	223884	241378	11.50%	0.699%
71	14.112	1999	2002	2003	rBV3	393822	367609	17.51%	1.065%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
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Integrator: RTE
Smoothing : ON Filtering: 5
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.160	2007	2010	2014	rVB2	984942	1239705	59.06%	3.590%
73	14.207	2016	2018	2019	rBV2	273634	207922	9.91%	0.602%
74	14.289	2029	2032	2037	rVB3	733689	923704	44.01%	2.675%
75	14.342	2037	2041	2043	rBV2	621528	757676	36.10%	2.194%
76	14.460	2059	2061	2067	rBV3	651621	675903	32.20%	1.957%
77	14.518	2067	2071	2075	rVV3	486409	745486	35.52%	2.159%
78	14.583	2079	2082	2087	rVB3	629309	846317	40.32%	2.451%
79	14.636	2088	2091	2094	rBV2	648693	736201	35.08%	2.132%
80	14.718	2102	2105	2108	rBV3	421242	574886	27.39%	1.665%
81	14.824	2119	2123	2131	rBV2	536774	868532	41.38%	2.515%
82	14.959	2142	2146	2155	rVB3	463360	792815	37.77%	2.296%
83	15.042	2157	2160	2163	rBV2	150901	174657	8.32%	0.506%
84	15.165	2177	2181	2187	rVB	353131	483866	23.05%	1.401%
85	15.548	2244	2246	2253	rVB3	128924	183799	8.76%	0.532%
86	15.695	2266	2271	2295	rVB	549650	1249418	59.53%	3.618%

Sum of corrected areas: 34530842

LSC Report - Integrated Chromatogram

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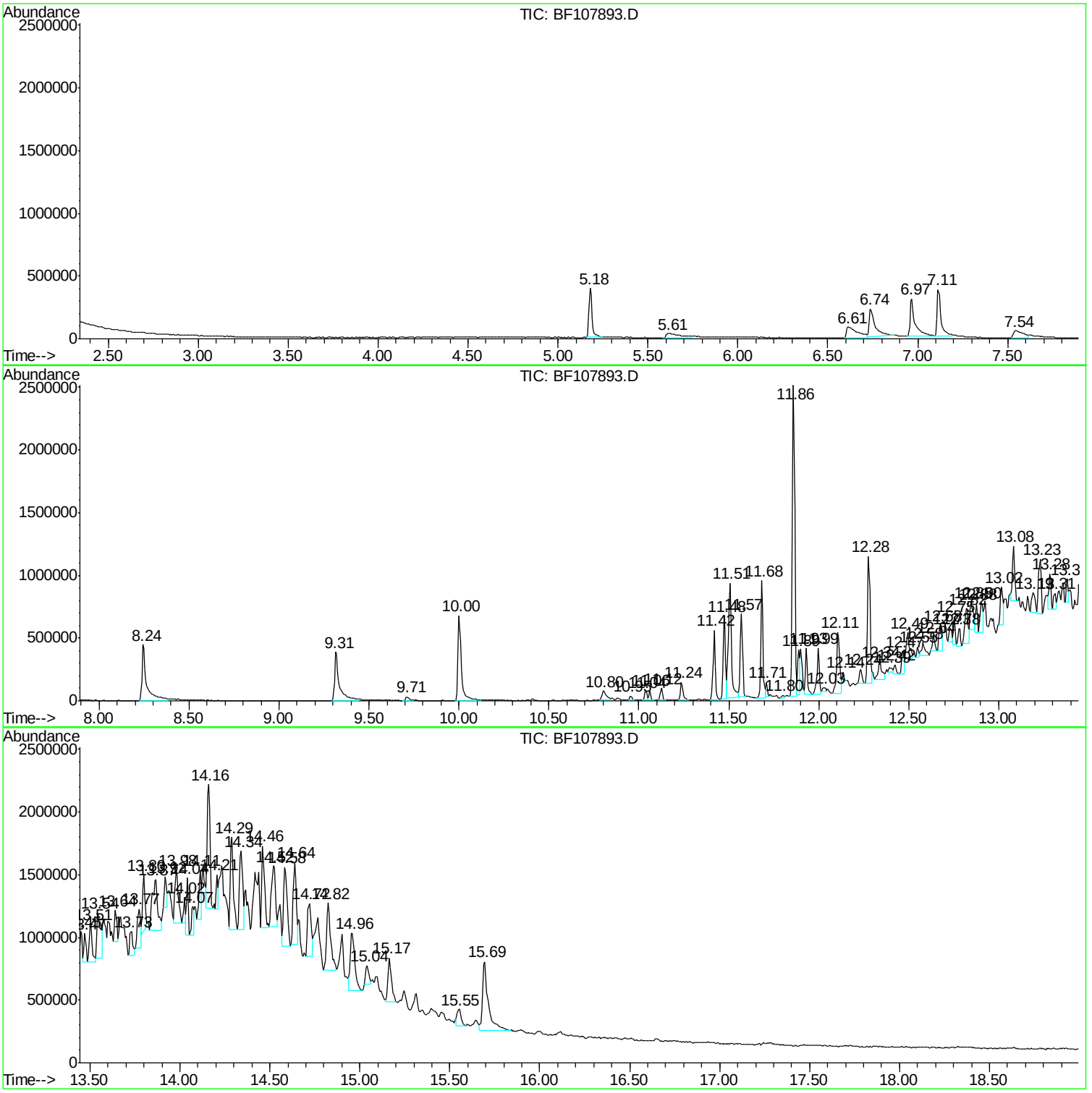
Operator : JU/SJ
Sample : J4234-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-STONE-CONCRETE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107893.D
Acq On : 1 Aug 2018 17:07
Operator : JU/SJ
Sample : J4234-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE-CONCRETE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

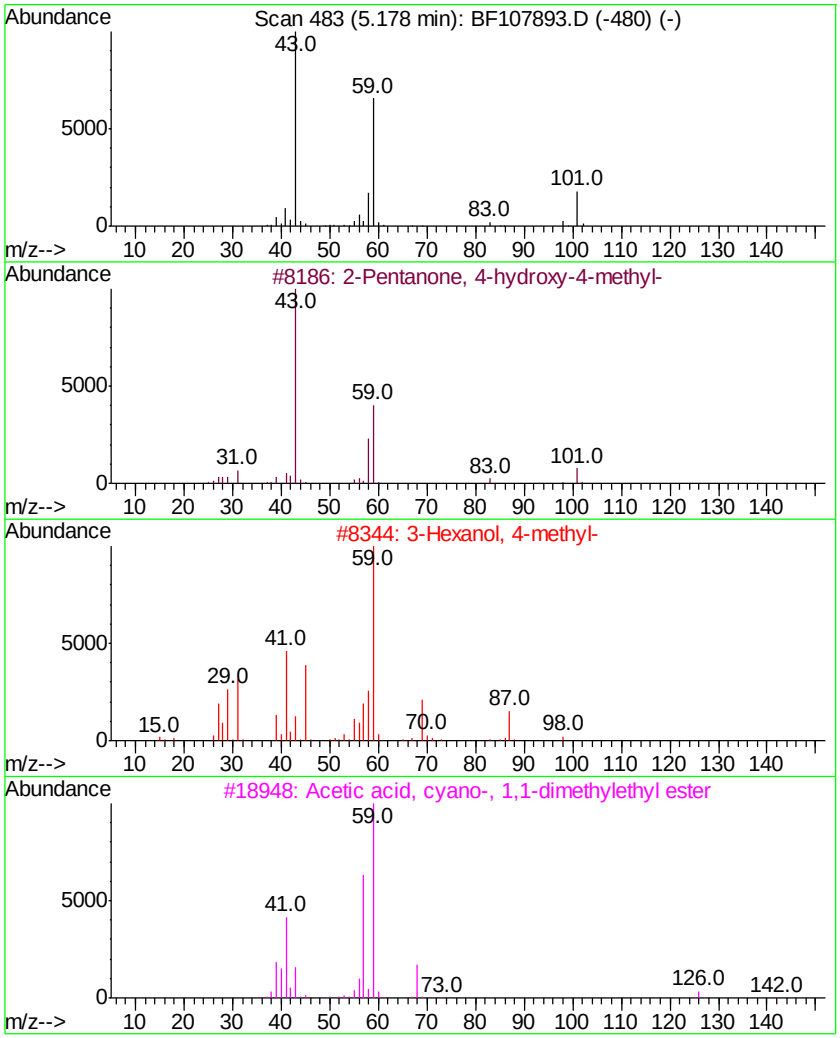
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

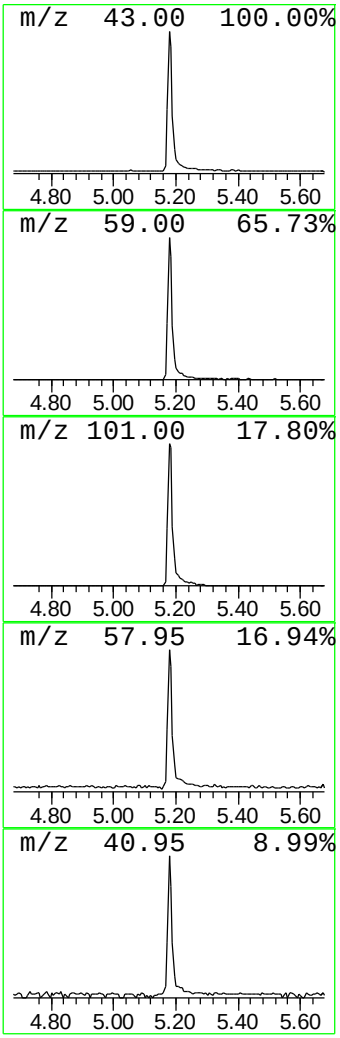
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	14.49 ng	439276	1,4-Dichlorobenzene-d4	6.97

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	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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107893.D
Acq On : 1 Aug 2018 17:07
Operator : JU/SJ
Sample : J4234-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE-CONCRETE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

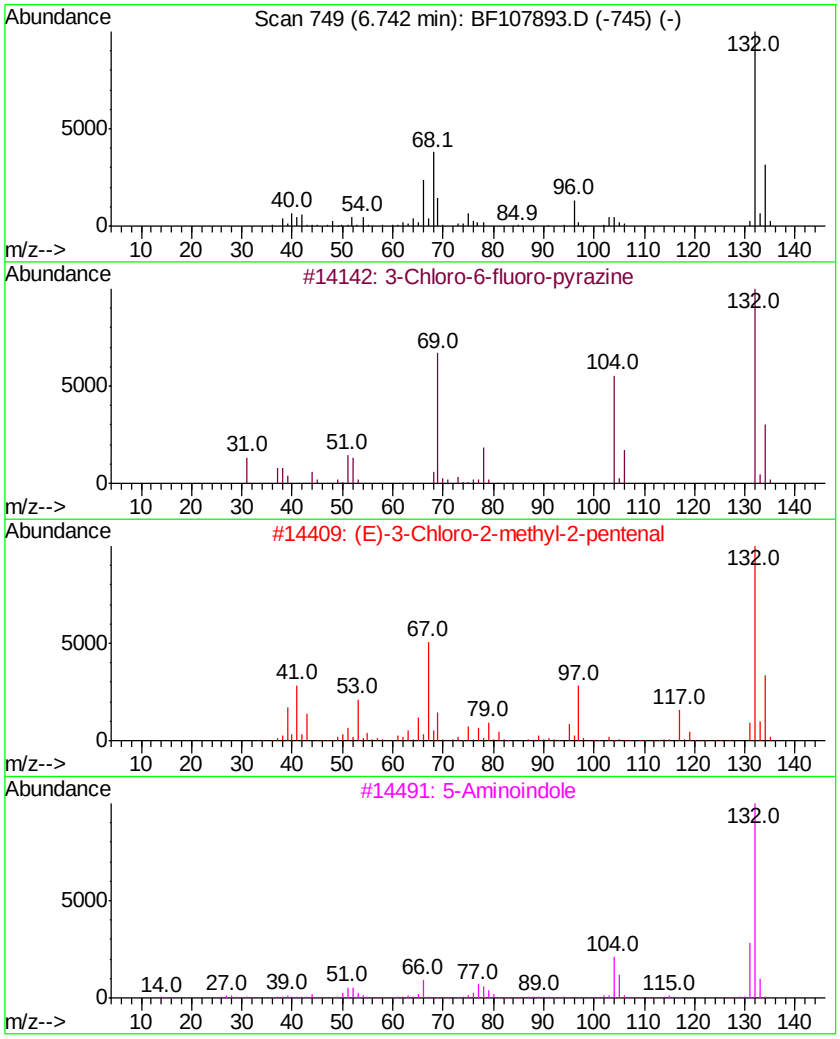
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

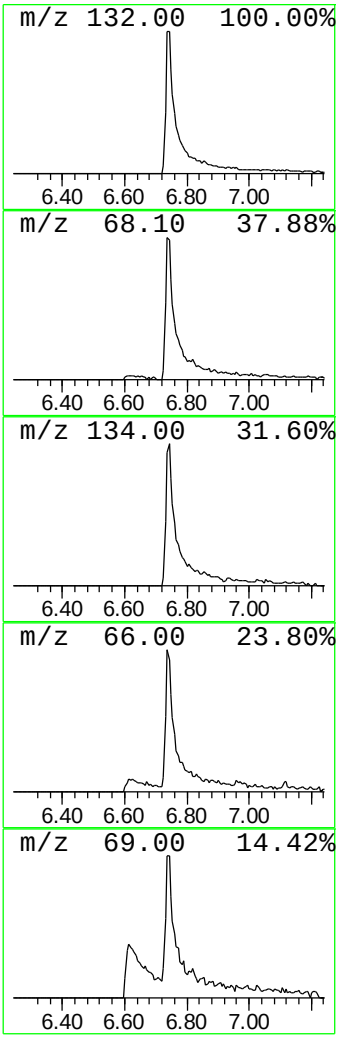
****

Peak Number 2 unknown6.74 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	16.25 ng	492462	1,4-Dichlorobenzene-d4	6.97

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	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	1-Aminoindan	133	C9H11N	034698-41-4	9





Library Search Compound Report

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Acq On : 1 Aug 2018 17:07
Operator : JU/SJ
Sample : J4234-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE-CONCRETE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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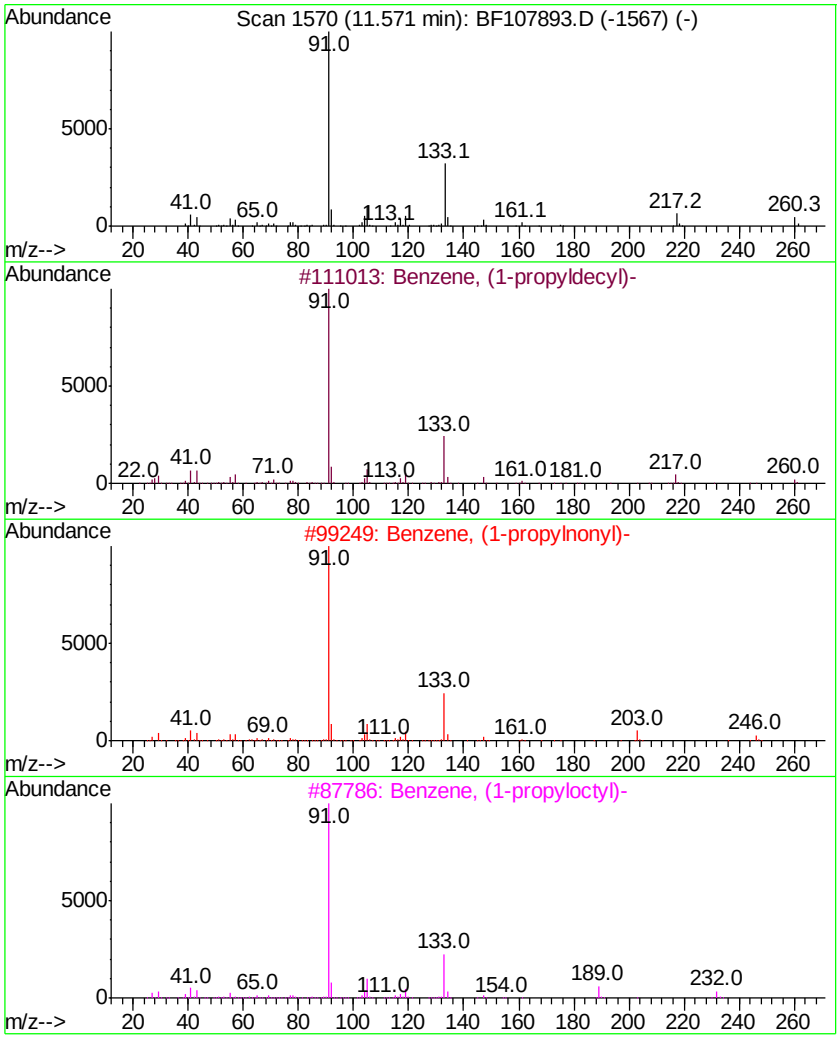
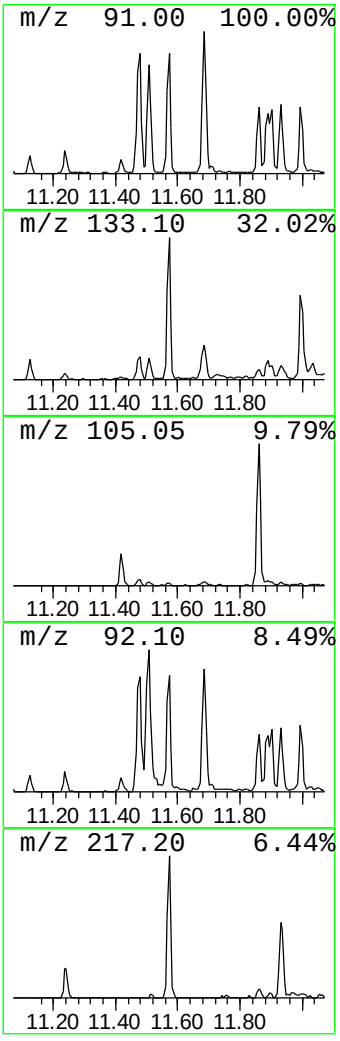
Peak Number 4 Benzene, (1-propyldecyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	9.23 ng	527154	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-propyldecyl)-	260	C19H32	004534-51-4	94
2	Benzene, (1-propylnonyl)-	246	C18H30	002719-64-4	80
3	Benzene, (1-propyloctyl)-	232	C17H28	004536-86-1	72
4	Benzene, (1-propylheptadecyl)-	358	C26H46	002400-03-5	72
5	Benzene, (1-propylheptyl)-	218	C16H26	004537-12-6	47





Library Search Compound Report

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Acq On : 1 Aug 2018 17:07
Operator : JU/SJ
Sample : J4234-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-STONE-CONCRETE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

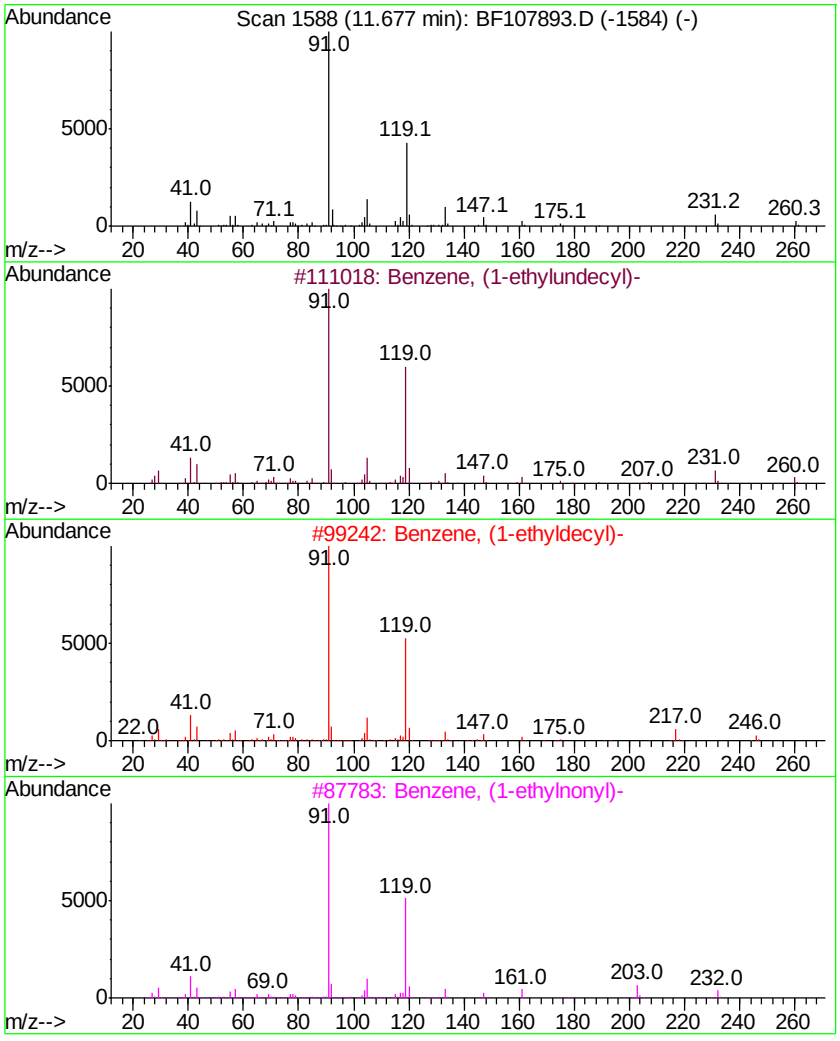
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

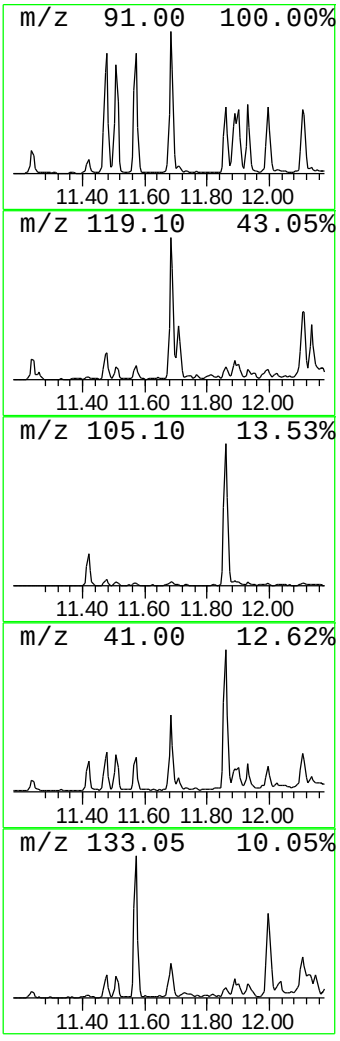
****

Peak Number 5 Benzene, (1-ethylundecyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	14.30 ng	816939	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	95
2	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	80
3	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	80
4	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	72
5	Benzene, (1-hexylheptyl)-	260	C19H32	002400-01-3	46





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Operator : JU/SJ
Sample : J4234-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE-CONCRETE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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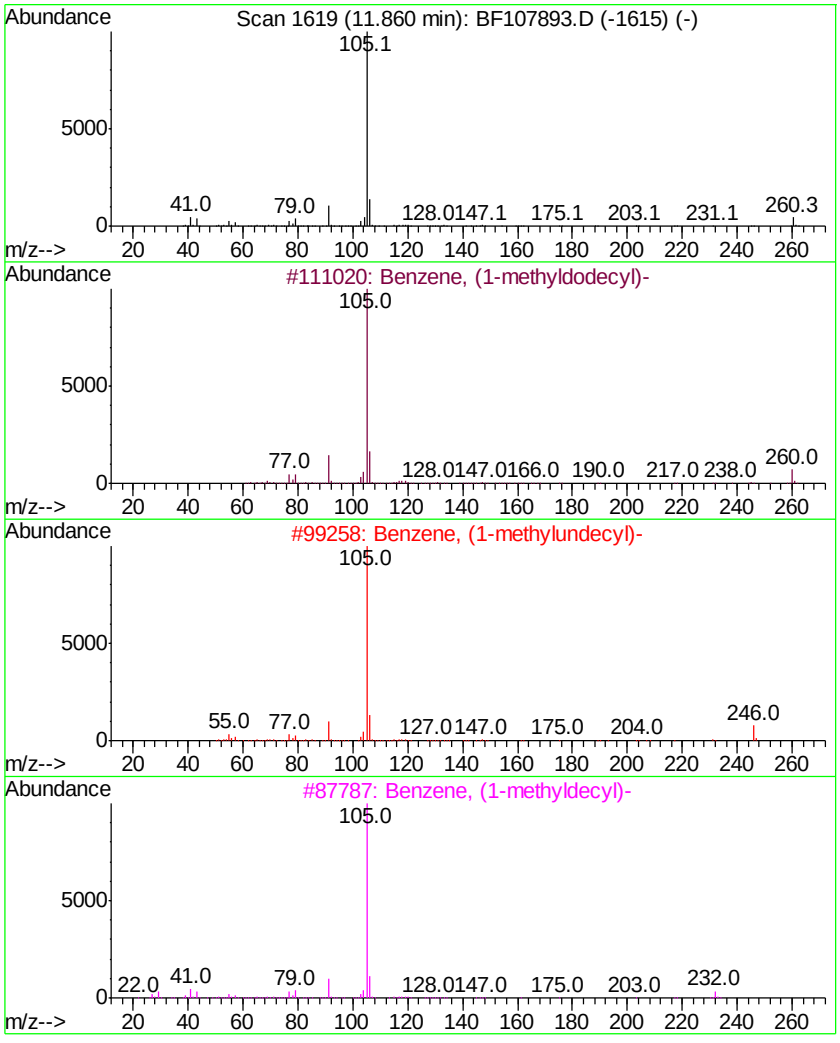
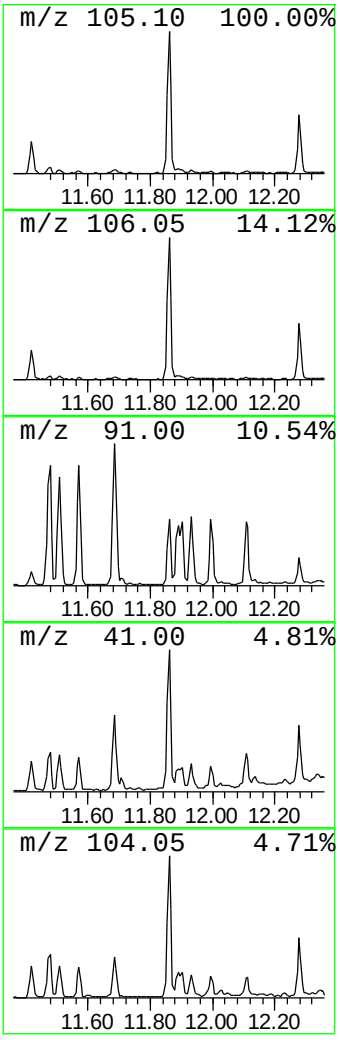
Peak Number 6 Benzene, (1-methyldodecyl)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	36.75 ng	2098900	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	94
2	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	83
3	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	80
4	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	72
5	1-Hexene, 3-methyl-6-phenyl-4-(1...	294	C21H26O	1000194-52-4	64





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE-CONCRETE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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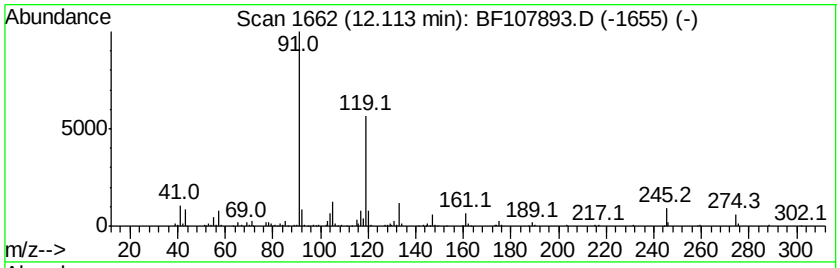
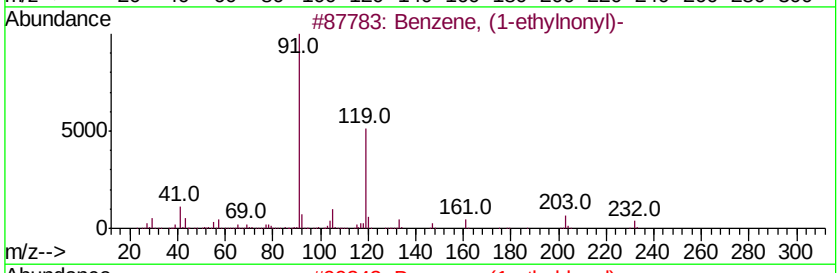
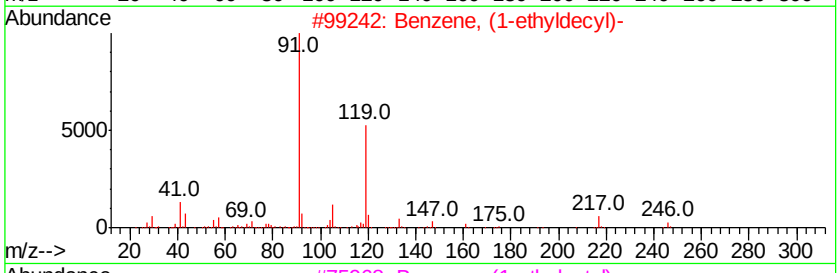
Peak Number 7 Benzene, (1-ethylnonyl)- Concentration Rank 16

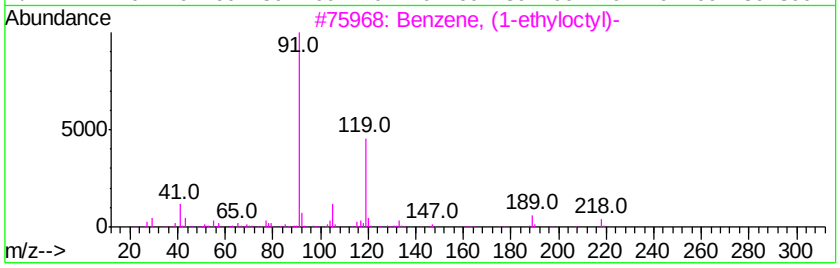
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	9.77 ng	558087	Phenanthrene-d10	11.50

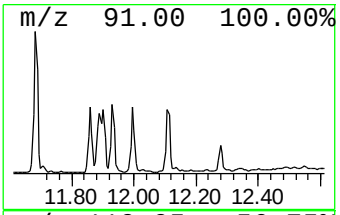
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	62
2	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	53
3	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	52
4	6-Isobutyl-4-methyl-5,6-dihydro-...	176	C11H16N2	1000185-72-5	43
5	2-Butene-1,4-diol, 2,3-dibromo-,...	244	C4H6Br2O2	021285-46-1	42

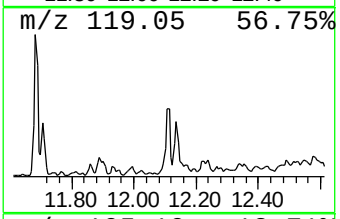


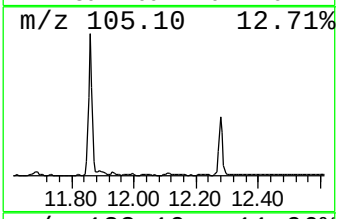


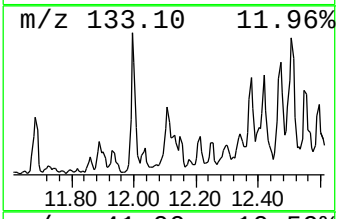


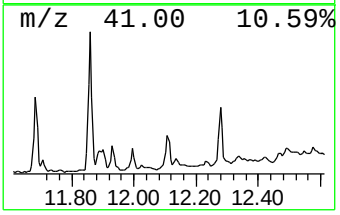












Library Search Compound Report

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Acq On : 1 Aug 2018 17:07
Operator : JU/SJ
Sample : J4234-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE-CONCRETE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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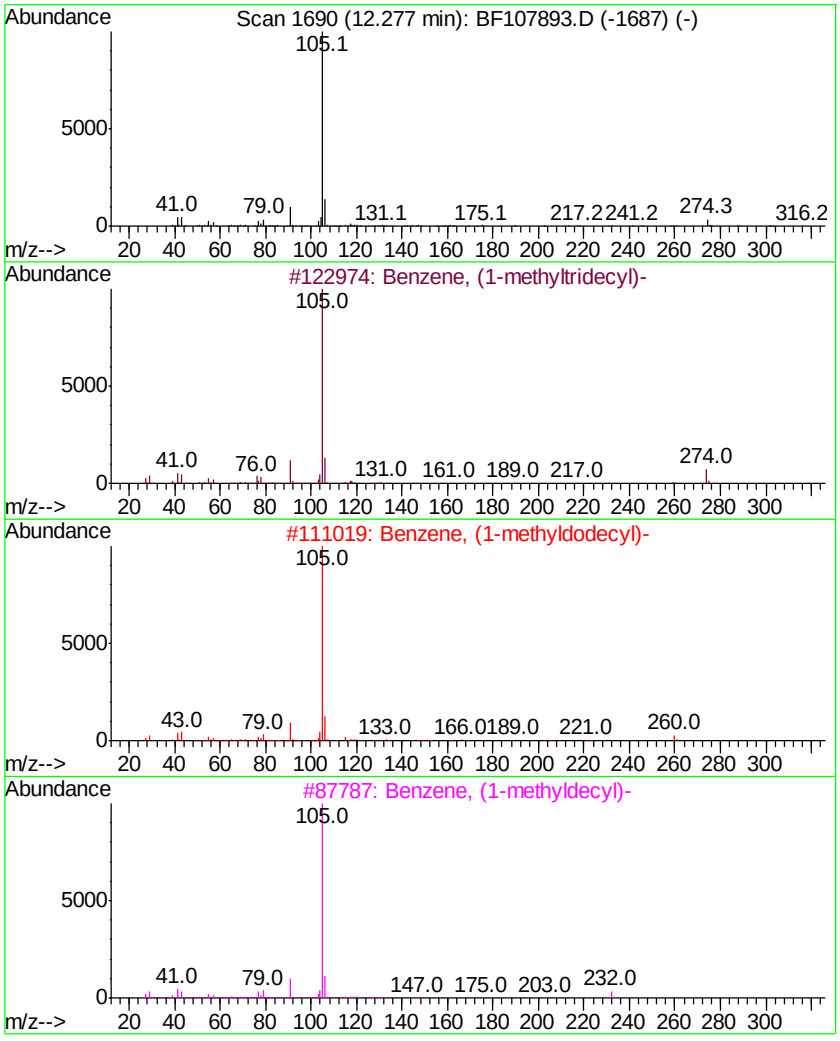
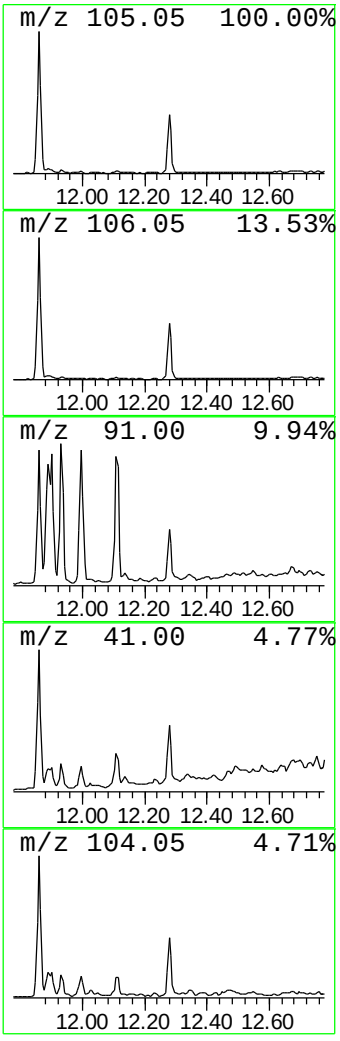
Peak Number 8 Benzene, (1-methyltridecyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	15.56 ng	888513	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyltridecyl)-	274	C20H34	004534-59-2	83
2	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	64
3	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	64
4	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	64
5	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	64





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Misc :
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Instrument : BNA_F
ClientSampleId : OILY-STONE-CONCRETE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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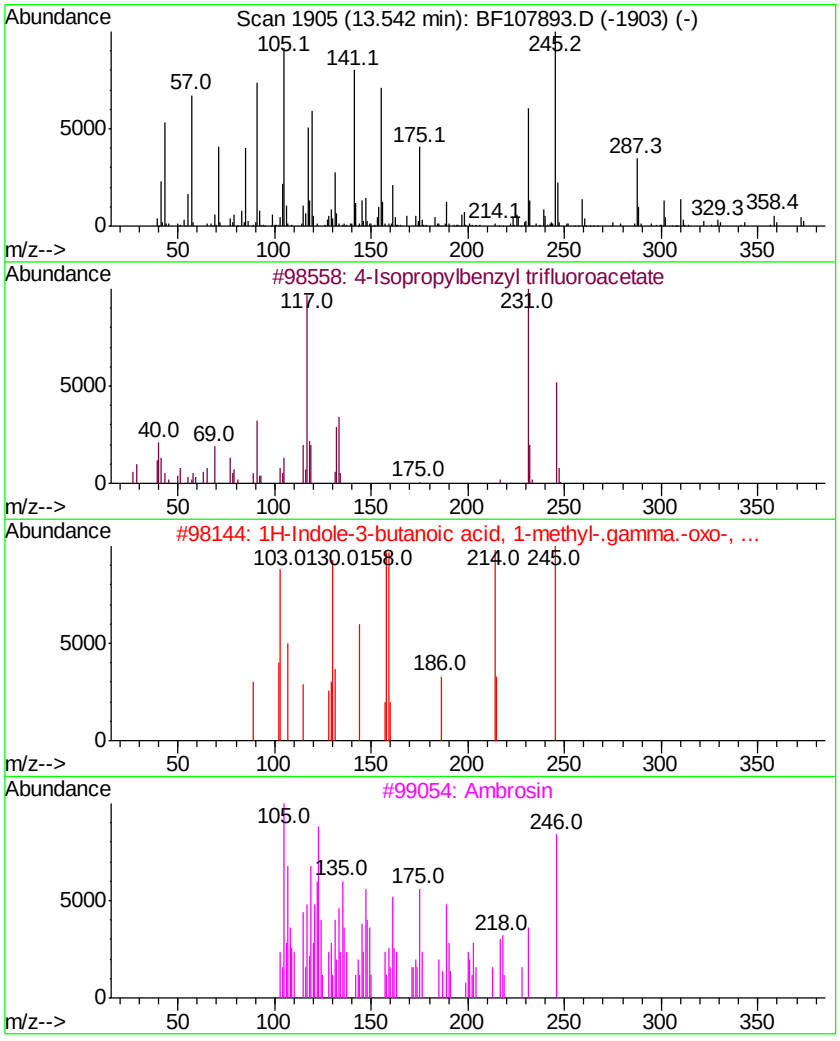
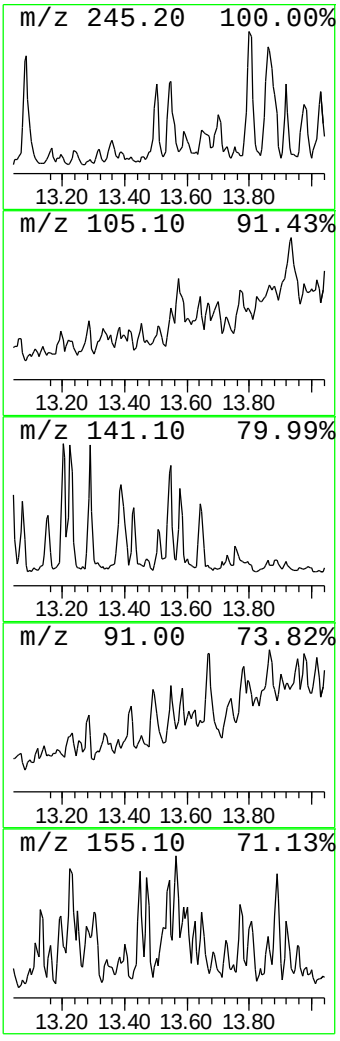
Peak Number 9 unknown13.54 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	9.08 ng	562671	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Isopropylbenzyl trifluoroacetate	246	C12H13F3O2	028664-24-6	15
2	1H-Indole-3-butanoic acid, 1-met...	245	C14H15NO3	040547-43-1	15
3	Ambrosin	246	C15H18O3	000509-93-3	14
4	1,3,5-Triazin-2-amine, 4-(2-furv...	245	C12H15N5O	148403-53-6	11
5	Fumaric acid, 2,6-dichlorophenyl...	302	C13H12Cl2O4	1000345-23-1	10





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE-CONCRETE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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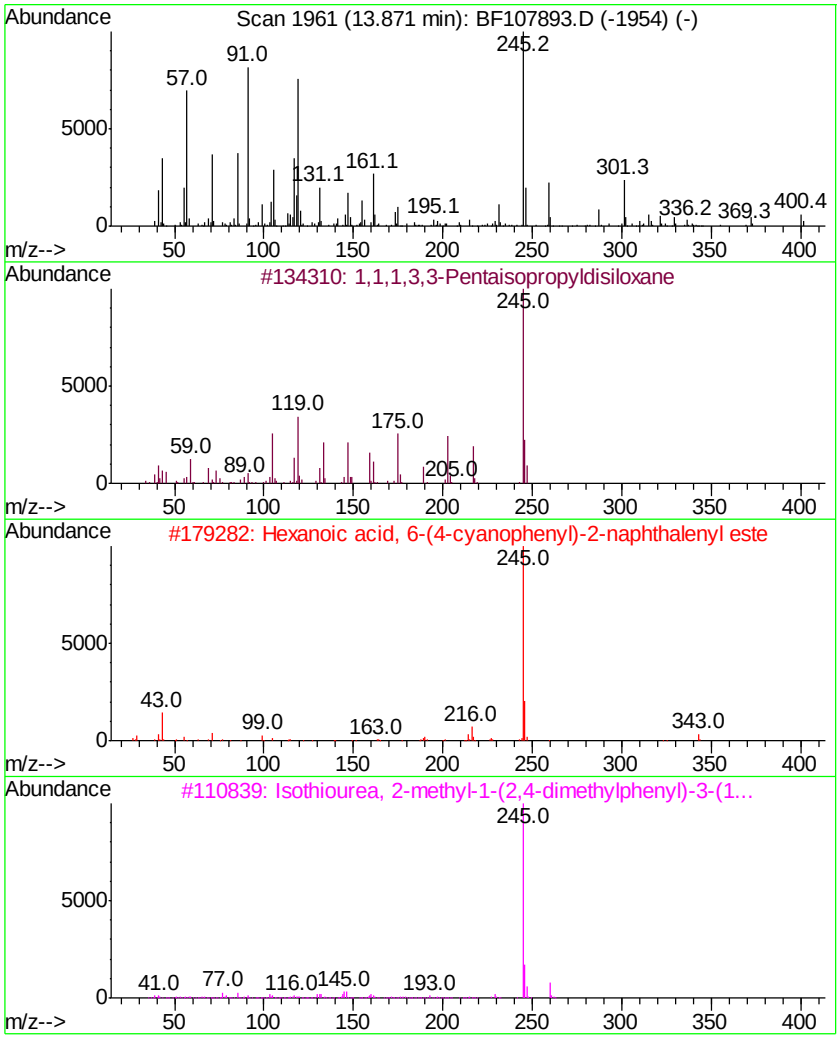
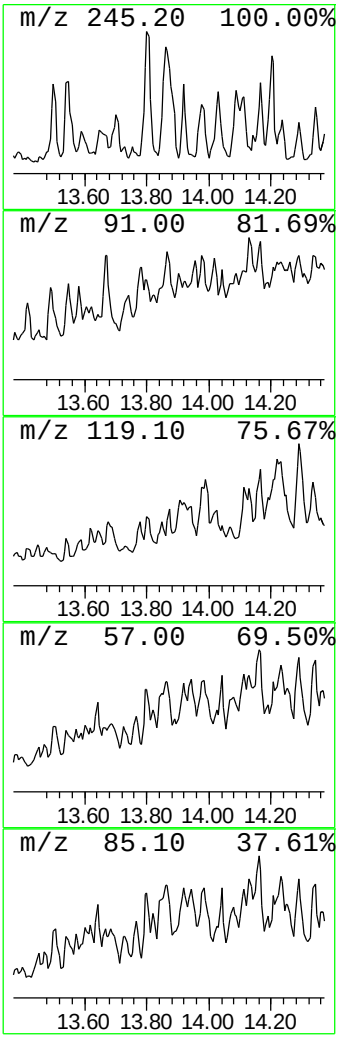
Peak Number 10 unknown13.87 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	13.83 ng	857011	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,3,3-Pentaisopropyldisiloxane	288	C15H36OSi2	1000306-57-8	38
2	Hexanoic acid, 6-(4-cyanophenyl)...	343	C23H21NO2	080493-99-8	18
3	Isothiourea, 2-methyl-1-(2,4-dim...	260	C15H20N2S	1000267-73-5	14
4	Silane, dimethylpentyloxyheptyloxy-	260	C14H32O2Si	1000346-82-5	14
5	Pyrimidine-2,4,6(1H,3H,5H)-trion...	274	C13H14N4O3	346612-04-2	14





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Sample : J4234-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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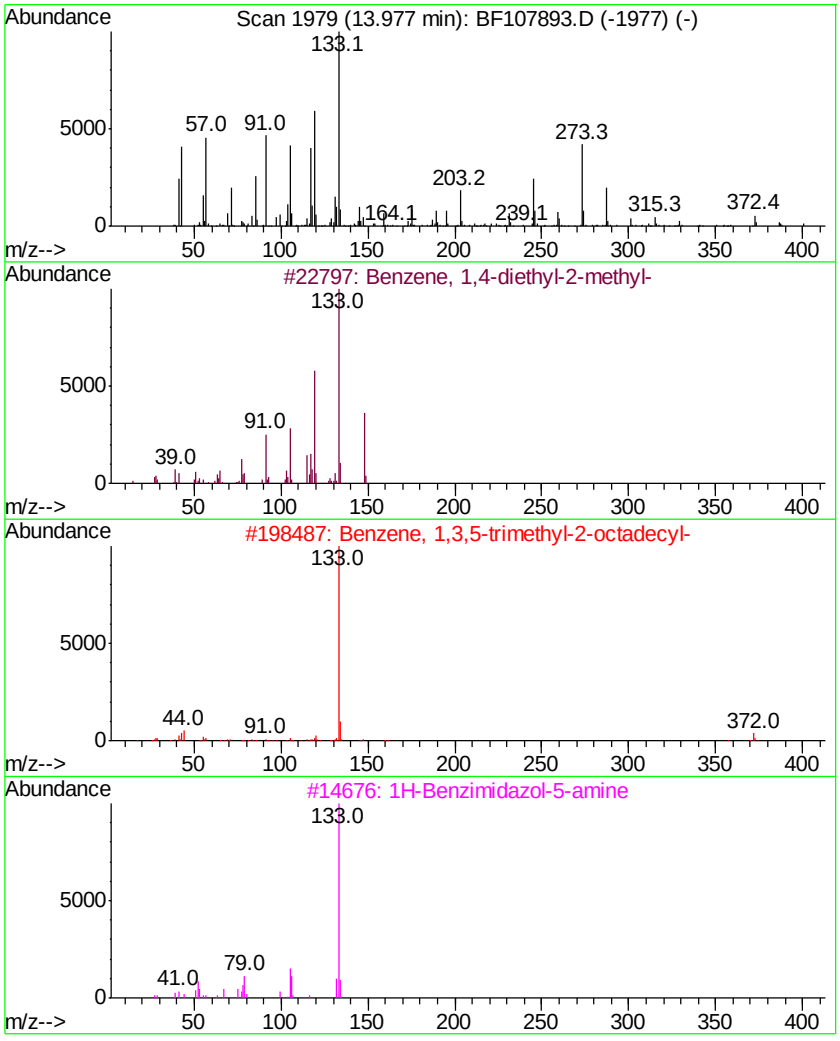
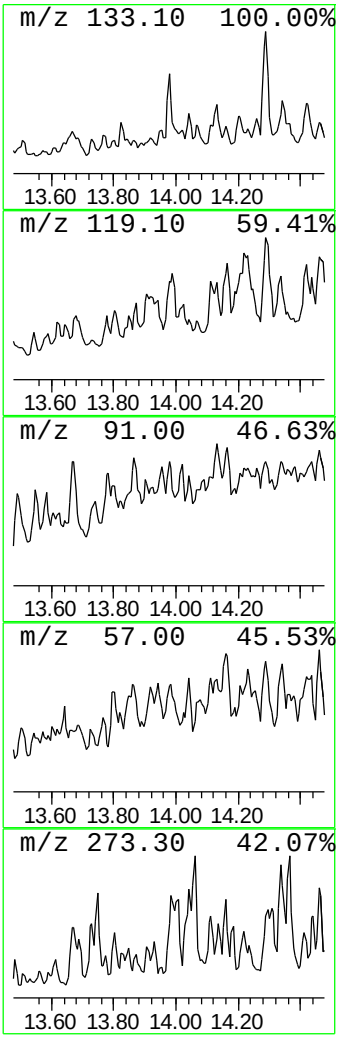
Peak Number 11 unknown13.98 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	8.72 ng	540781	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	35
2	Benzene, 1,3,5-trimethyl-2-octad...	372	C27H48	055282-67-2	14
3	1H-Benzimidazol-5-amine	133	C7H7N3	000934-22-5	14
4	Tolcapone	273	C14H11NO5	134308-13-7	14
5	4-Hydrazinobenzonitrile	133	C7H7N3	017672-27-4	10





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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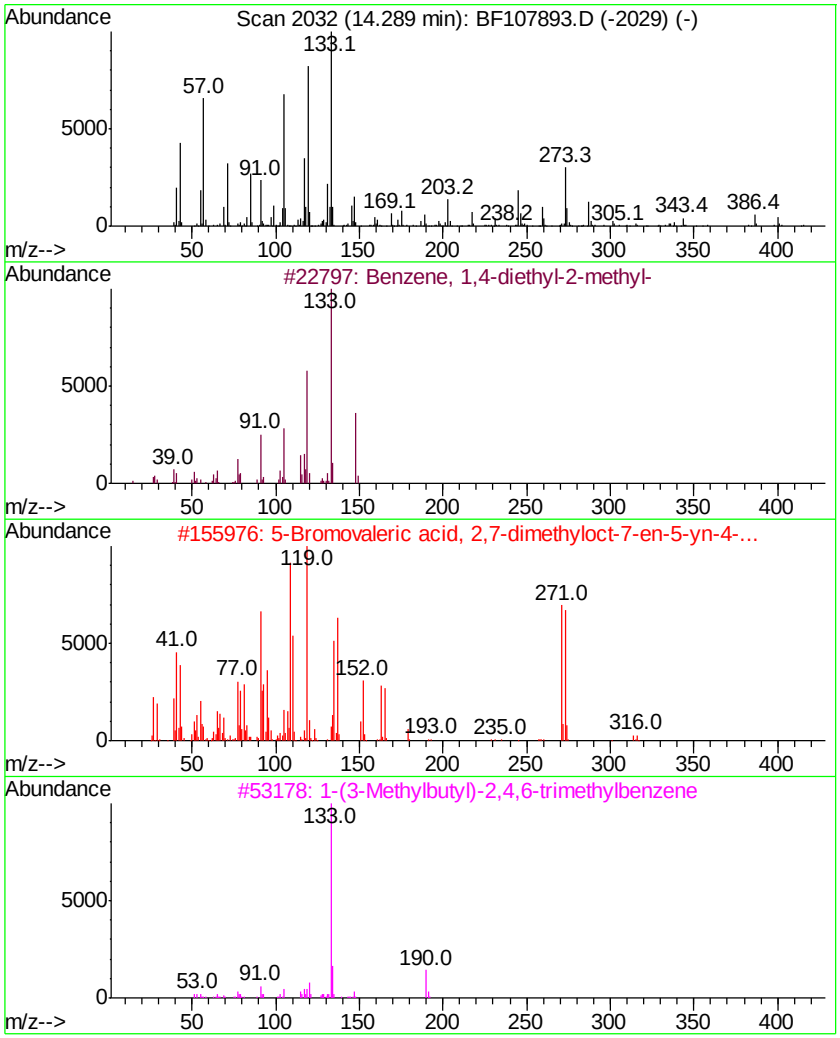
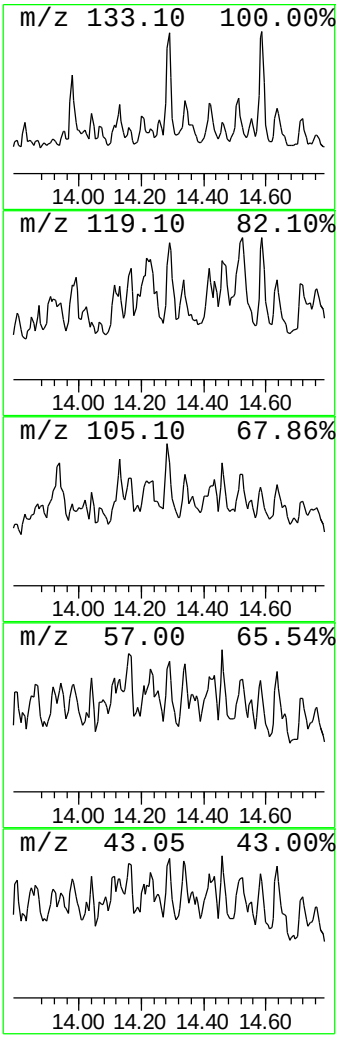
Peak Number 12 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	14.90 ng	923704	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	50
2	5-Bromovaleric acid, 2,7-dimethy...	314	C15H23BrO2	1000292-56-8	42
3	1-(3-Methylbutyl)-2,4,6-trimethy...	190	C14H22	016204-65-2	27
4	3-Ethylisonicotinic acid thioamide	166	C8H10N2S	010605-12-6	27
5	Tolcapone	273	C14H11NO5	134308-13-7	22





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Sample : J4234-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE-CONCRETE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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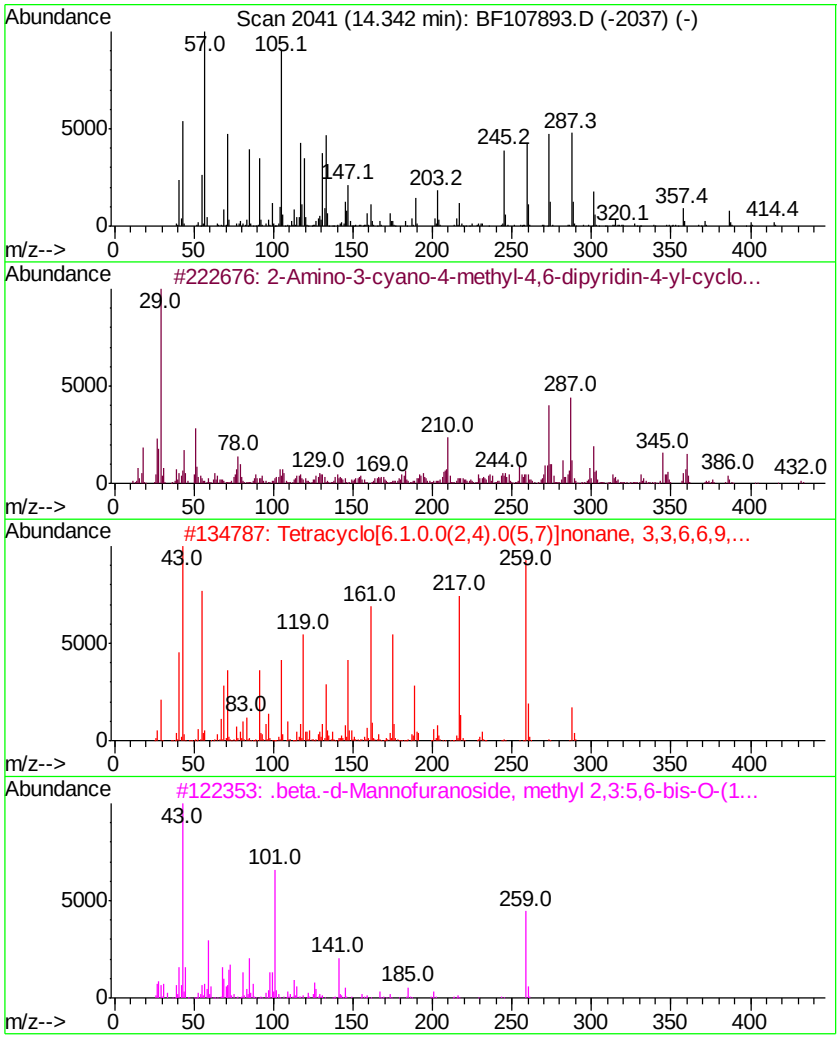
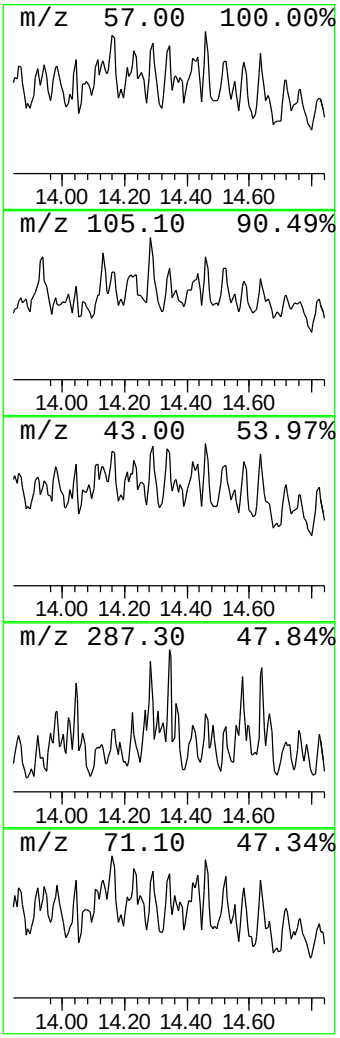
Peak Number 13 unknown14.34 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	12.22 ng	757676	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-3-cyano-4-methyl-4,6-dip...	432	C24H24N4O4	1000287-35-2	10
2	Tetracyclo[6.1.0.0(2,4).0(5,7)]n...	288	C21H36	078578-98-0	10
3	.beta.-d-Mannofuranoside, methyl...	274	C13H22O6	026255-72-1	7
4	Propanoic acid, 3-(decylsulfinyl)-	262	C13H26O3S	1000362-84-8	7
5	2,6-di-sec-butylphenol, trifluor...	302	C16H21F3O2	1000376-42-0	6





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Acq On : 1 Aug 2018 17:07
Operator : JU/SJ
Sample : J4234-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE-CONCRETE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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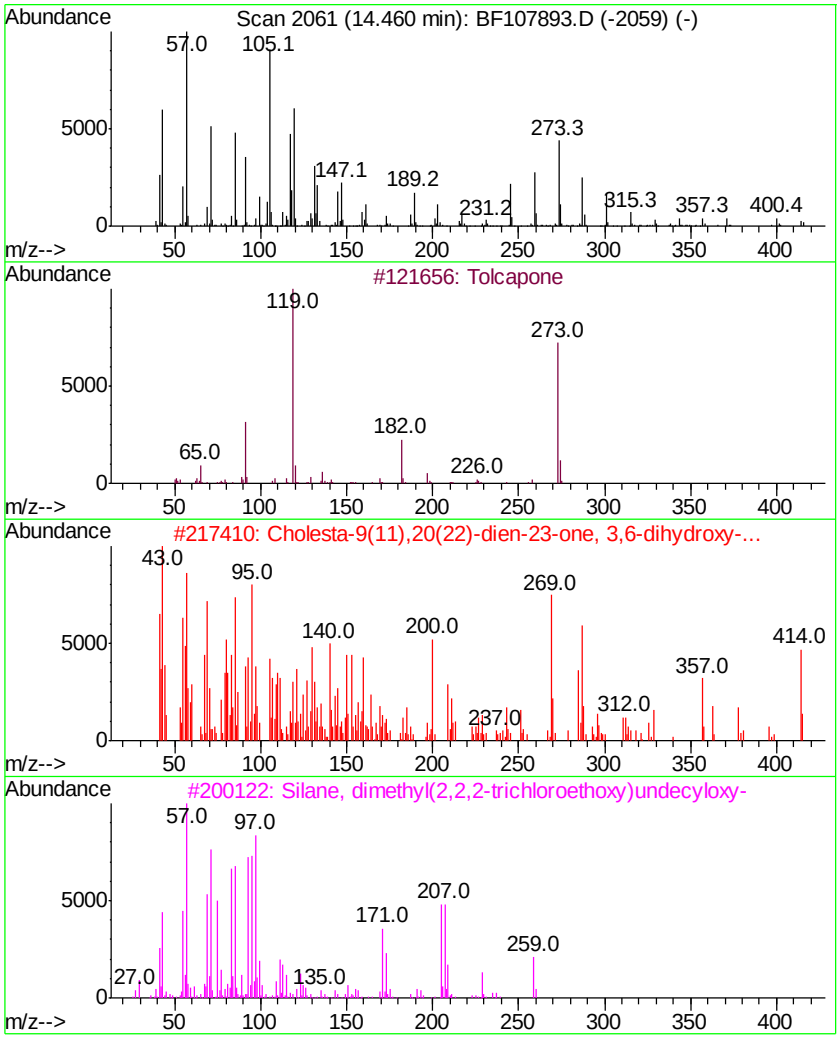
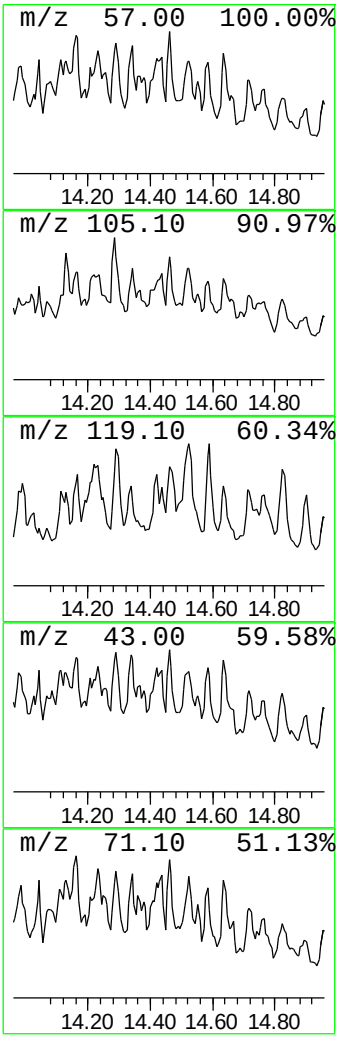
Peak Number 14 unknown14.46 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	10.90 ng	675903	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tolcapone	273	C14H11NO5	134308-13-7	12
2	Cholesta-9(11),20(22)-dien-23-on...	414	C27H42O3	037717-05-8	11
3	Silane, dimethyl(2,2,2-trichloro...	376	C15H31Cl3O2Si	1000347-56-8	11
4	Isoxazolo[5,4-d]pyrimidine-4,6(5...	245	C12H11N3O3	035053-73-7	11
5	2'-Phenylbenzanilide	273	C19H15NO	007404-97-9	10





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Sample : J4234-01 5X
Misc :
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Instrument : BNA_F
ClientSampleId : OILY-STONE-CONCRETE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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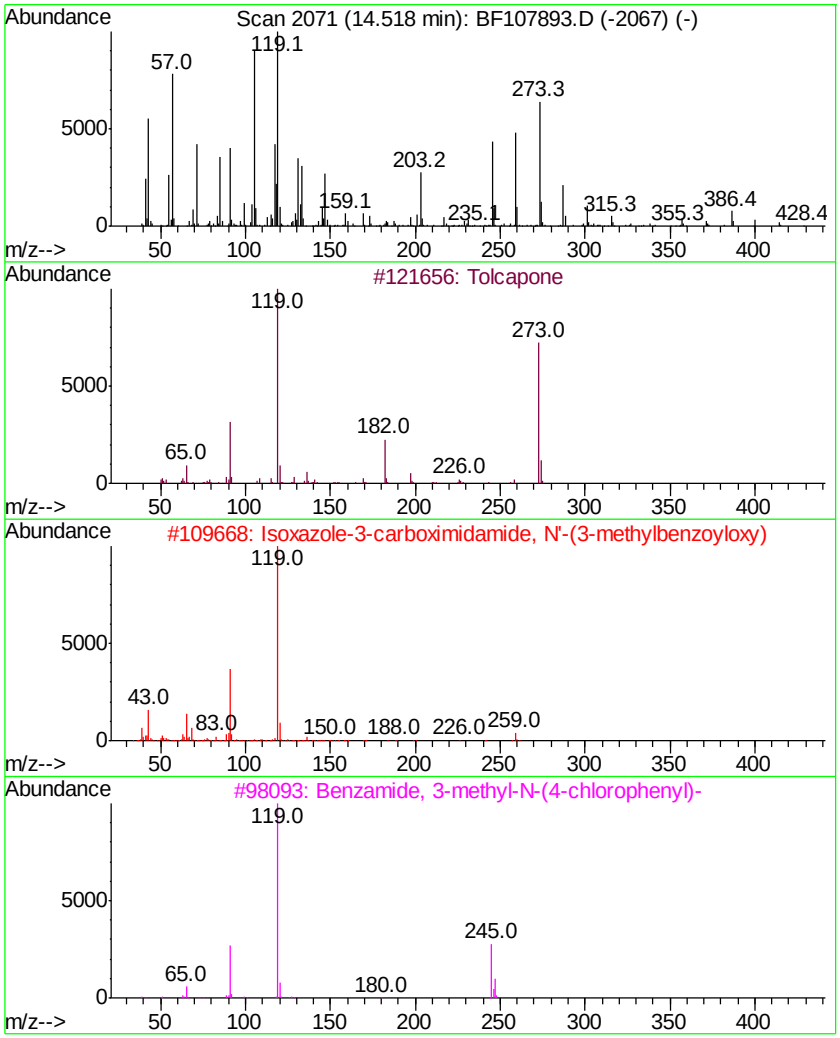
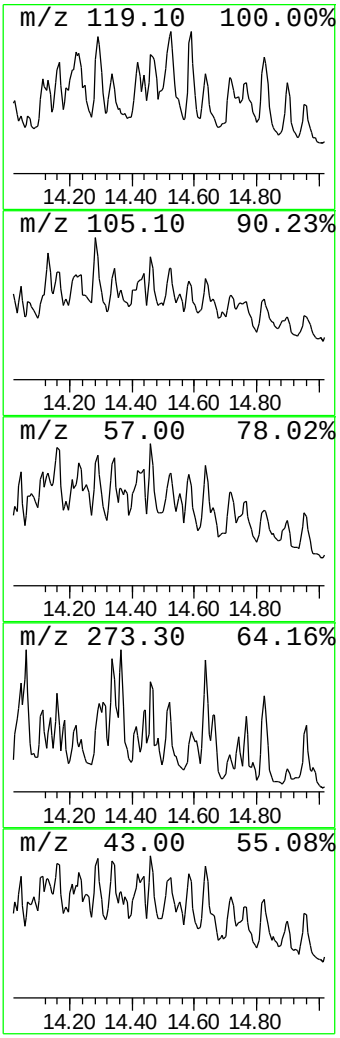
Peak Number 15 unknown14.52 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	12.03 ng	745486	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tolcapone	273	C14H11NO5	134308-13-7	30
2	Isoxazole-3-carboximidamide, N'-...	259	C13H13N3O3	263869-49-4	27
3	Benzamide, 3-methyl-N-(4-chlorop...	245	C14H12ClNO	1000339-11-8	22
4	Benzamide, 4-methyl-N-[2-(2-thie...	245	C14H15NOS	1000319-70-5	22
5	Benzamide, N-(3-chlorophenyl)-3-...	245	C14H12ClNO	1000307-11-4	22





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Sample : J4234-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE-CONCRETE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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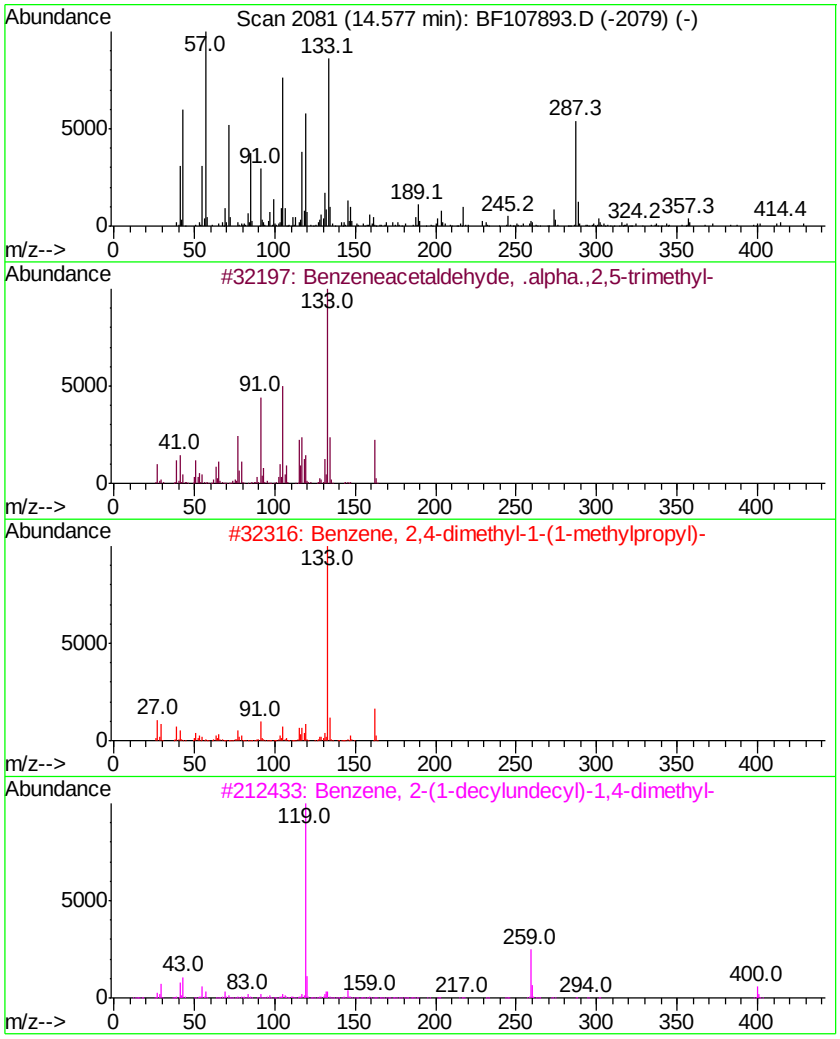
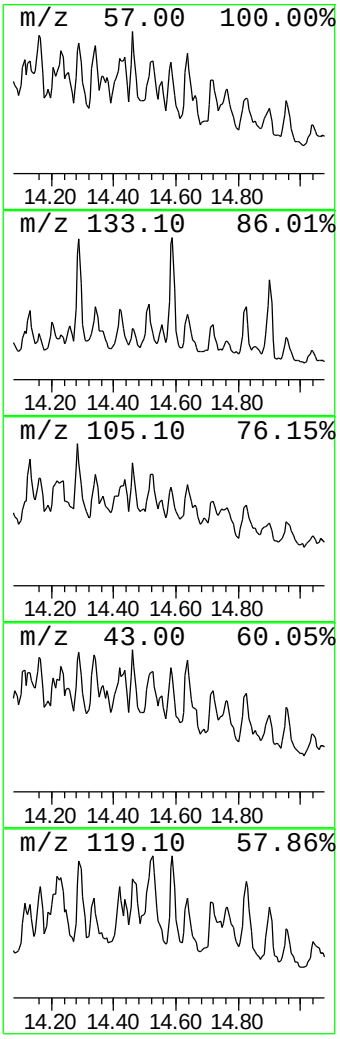
Peak Number 16 unknown14.58 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	13.65 ng	846317	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetaldehyde, .alpha.,2,5...	162	C11H14O	052417-50-2	35
2	Benzene, 2,4-dimethyl-1-(1-methy...	162	C12H18	001483-60-9	27
3	Benzene, 2-(1-decylundecyl)-1,4-...	400	C29H52	055373-91-6	27
4	Benzoic acid, 3-methyl-, 4-biphe...	288	C20H16O2	1000355-71-6	22
5	3,3,5,5-Tetramethyl-6-(4-methyl-...	288	C17H20O4	1000297-36-4	22





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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE-CONCRETE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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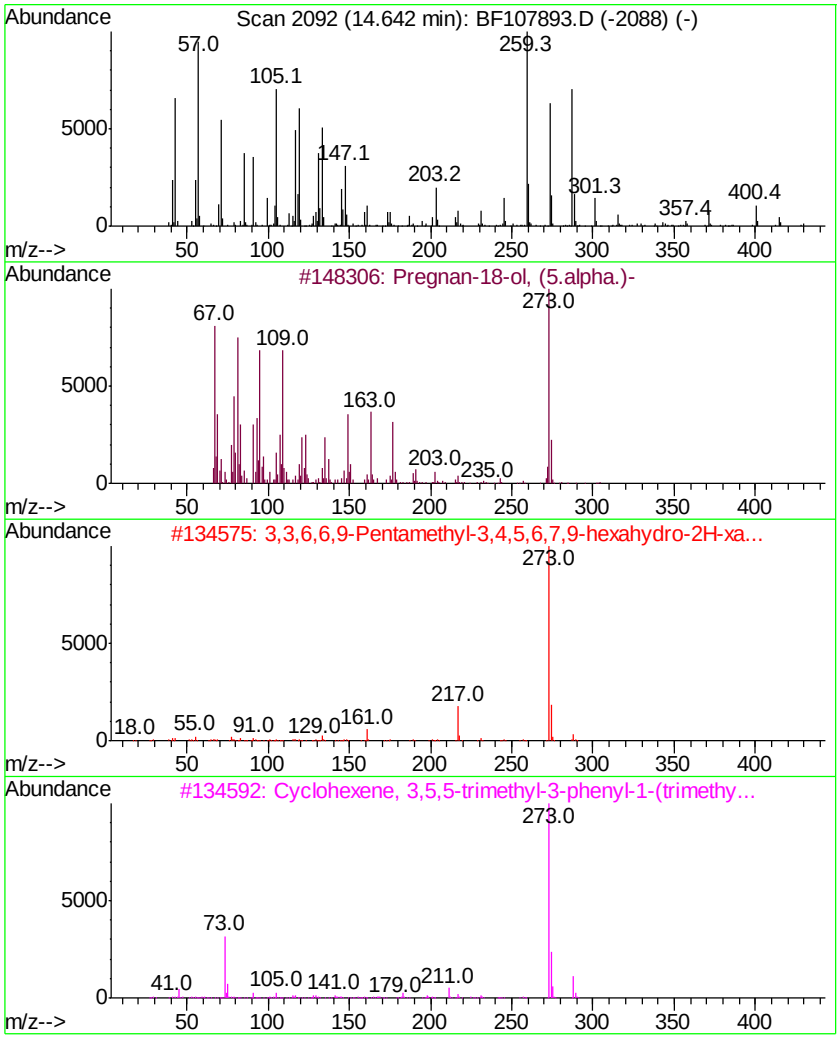
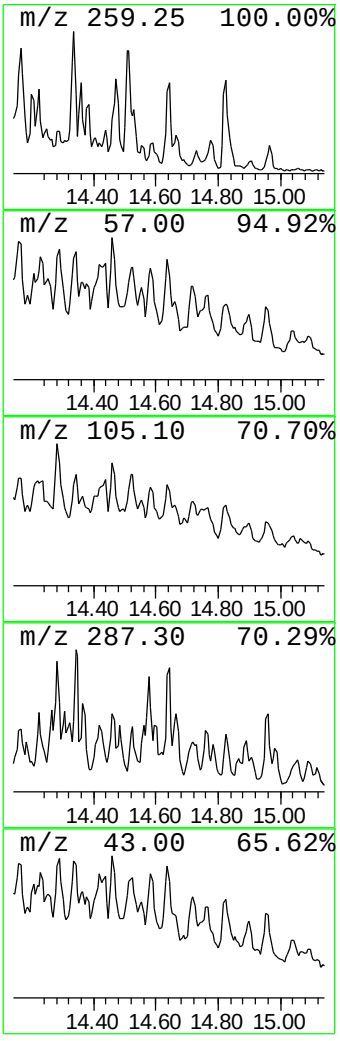
Peak Number 17 Pregnan-18-ol, (5.alpha.)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	11.88 ng	736201	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pregnan-18-ol, (5.alpha.)-	304	C21H36O	056053-09-9	64
2	3,3,6,6,9-Pentamethyl-3,4,5,6,7,...	288	C18H24O3	019225-63-9	14
3	Cyclohexene, 3,5,5-trimethyl-3-p...	288	C18H28OSi	172468-18-7	14
4	Octahydroxanthen-1,9-dione, 3,3,...	358	C23H34O3	071827-88-8	14
5	1H-Indene-1,3(2H)-dione, 2-(2-qu...	273	C18H11NO2	000083-08-9	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107893.D
Acq On : 1 Aug 2018 17:07
Operator : JU/SJ
Sample : J4234-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE-CONCRETE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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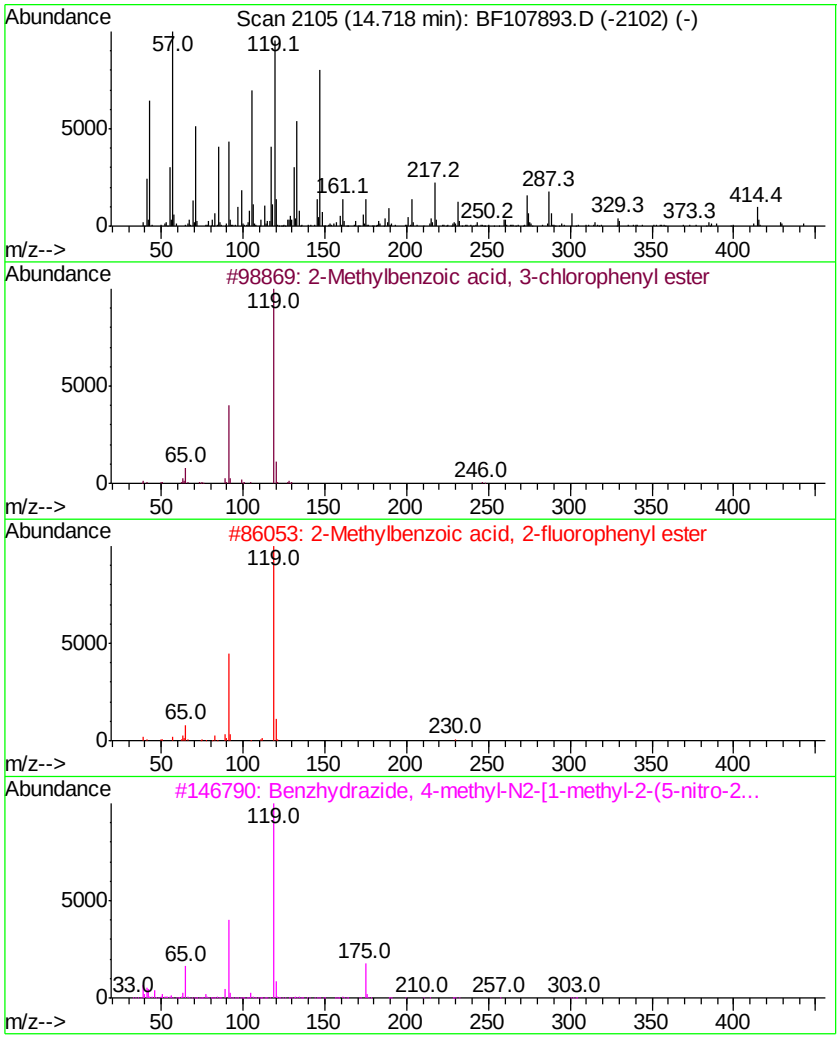
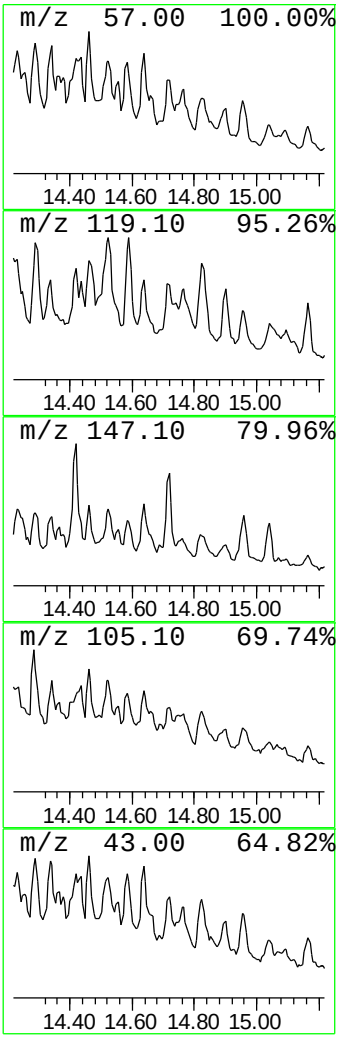
Peak Number 18 unknown14.72 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	9.27 ng	574886	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylbenzoic acid, 3-chloroph...	246	C14H11ClO2	1000325-60-8	11
2	2-Methylbenzoic acid, 2-fluoroph...	230	C14H11FO2	1000325-60-5	11
3	Benzhydrazide, 4-methyl-N2-[1-me...	303	C12H13N7O3	324021-25-2	10
4	3-Methylbenzoic acid, 4-chloro-2...	260	C15H13ClO2	1000331-26-6	10
5	1-Cyclohexen, 1-cyano-4-isoprope...	147	C10H13N	1000126-45-8	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107893.D
Acq On : 1 Aug 2018 17:07
Operator : JU/SJ
Sample : J4234-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-STONE-CONCRETE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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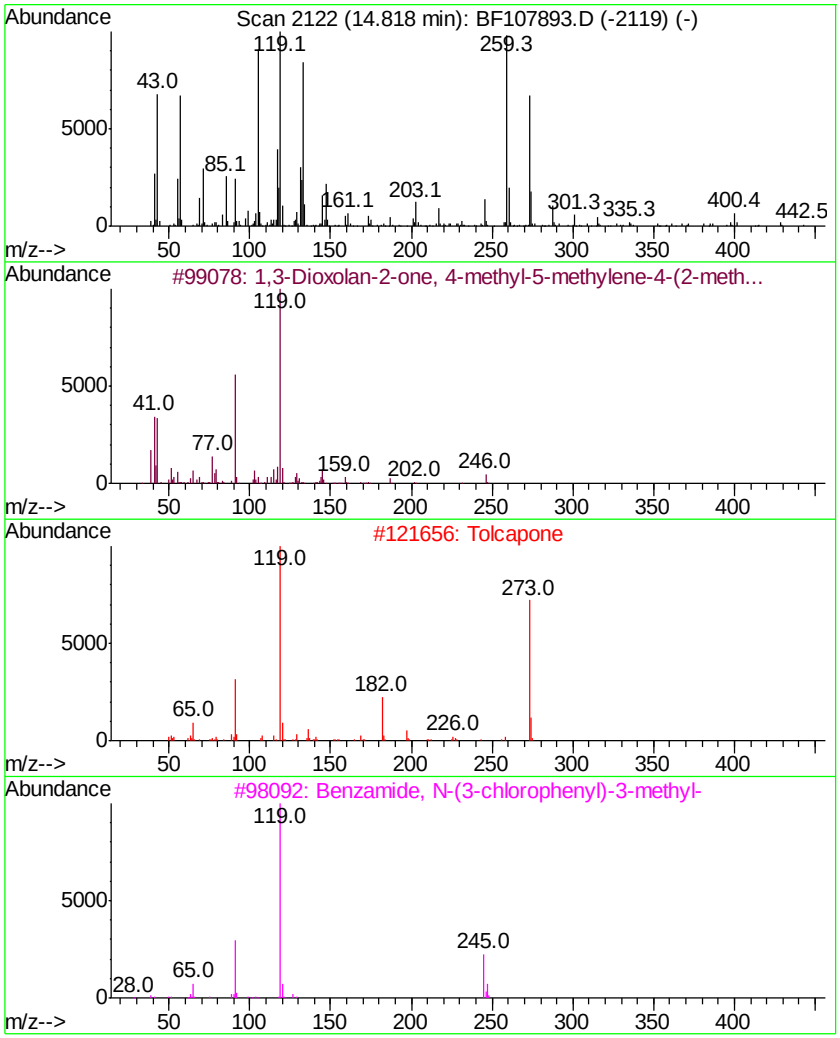
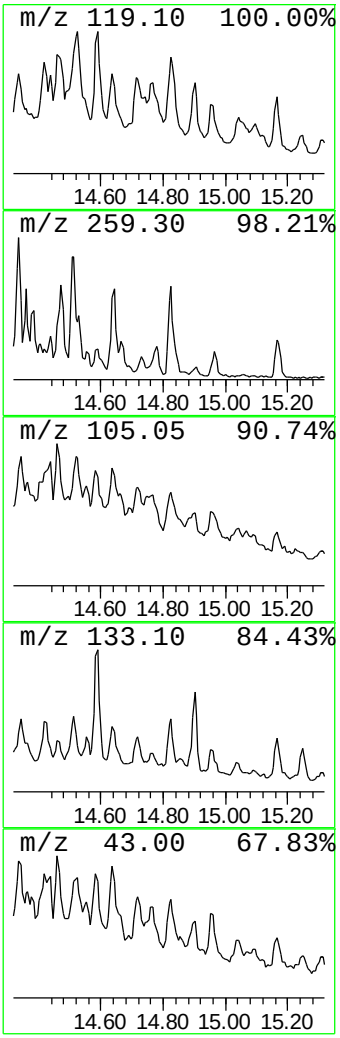
Peak Number 19 unknown14.82 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	14.01 ng	868532	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolan-2-one, 4-methyl-5-m...	246	C15H18O3	1000319-92-8	25
2	Tolcapone	273	C14H11NO5	134308-13-7	25
3	Benzamide, N-(3-chlorophenyl)-3-...	245	C14H12ClNO	1000307-11-4	14
4	Terephthalic acid, di(2-chloroph...	386	C20H12Cl2O4	1000324-04-3	14
5	Benzamide, 3-methyl-N-(4-chlorop...	245	C14H12ClNO	1000339-11-8	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107893.D
Acq On : 1 Aug 2018 17:07
Operator : JU/SJ
Sample : J4234-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE-CONCRETE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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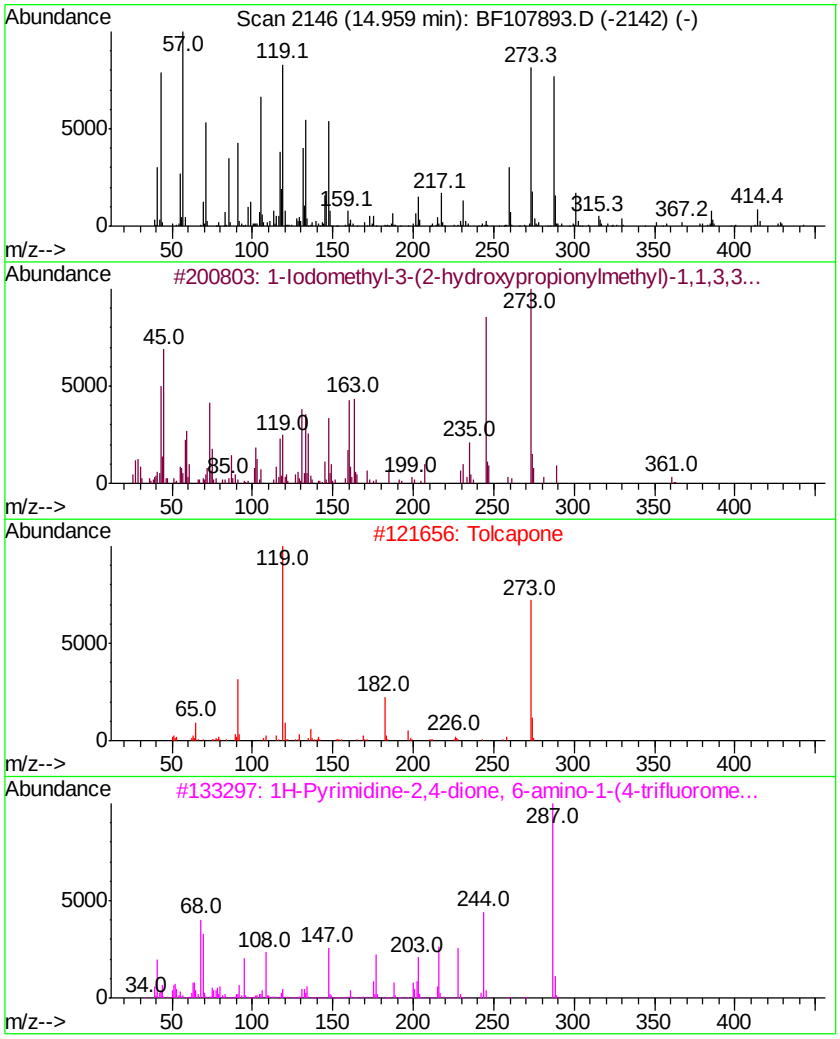
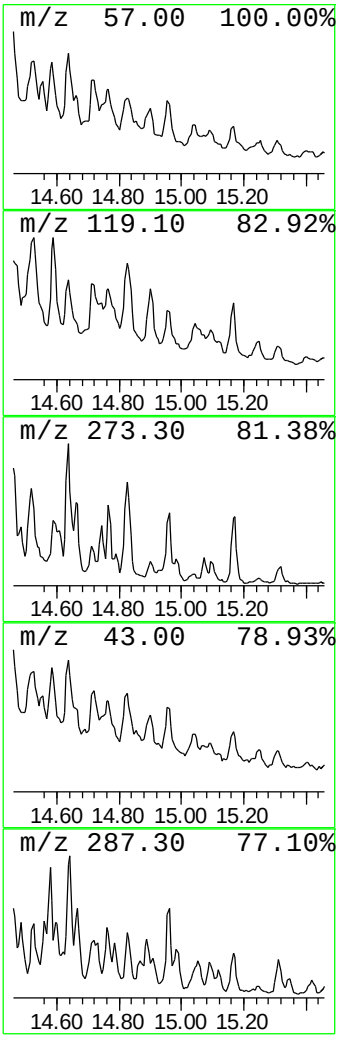
Peak Number 20 unknown14.96 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	12.69 ng	792815	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodomethyl-3-(2-hydroxypropion...	376	C9H21IO4Si2	1000280-22-1	38
2	Tolcapone	273	C14H11NO5	134308-13-7	22
3	1H-Pyrimidine-2,4-dione, 6-amino...	287	C11H8F3N3O3	1000304-19-2	11
4	(1-Cyclohexyl-1H-benzoimidazol-5...	287	C16H21N3O2	1000310-00-5	11
5	Isophthalic acid, di(4-chloro-3-...	414	C22H16Cl2O4	1000344-59-8	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080118\
Data File : BF107893.D
Acq On : 1 Aug 2018 17:07
Operator : JU/SJ
Sample : J4234-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE-CONCRETE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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	14.5	ng	439276	1	6.97	606279	20.0
unknown6.74	6.74	16.3	ng	492462	1	6.97	606279	20.0
Benzene, (1-propy...	11.57	9.2	ng	527154	4	11.50	1142220	20.0
Benzene, (1-ethyl...	11.68	14.3	ng	816939	4	11.50	1142220	20.0
Benzene, (1-methy...	11.86	36.8	ng	2098900	4	11.50	1142220	20.0
Benzene, (1-ethyl...	12.11	9.8	ng	558087	4	11.50	1142220	20.0
Benzene, (1-methy...	12.28	15.6	ng	888513	4	11.50	1142220	20.0
unknown13.54	13.54	9.1	ng	562671	5	14.15	1239710	20.0
unknown13.87	13.87	13.8	ng	857011	5	14.15	1239710	20.0
unknown13.98	13.98	8.7	ng	540781	5	14.15	1239710	20.0
Benzene, 1,4-diet...	14.29	14.9	ng	923704	5	14.15	1239710	20.0
unknown14.34	14.34	12.2	ng	757676	5	14.15	1239710	20.0
unknown14.46	14.46	10.9	ng	675903	5	14.15	1239710	20.0
unknown14.52	14.52	12.0	ng	745486	5	14.15	1239710	20.0
unknown14.58	14.58	13.7	ng	846317	5	14.15	1239710	20.0
Pregnan-18-ol, (5...	14.64	11.9	ng	736201	5	14.15	1239710	20.0
unknown14.72	14.72	9.3	ng	574886	5	14.15	1239710	20.0
unknown14.82	14.82	14.0	ng	868532	5	14.15	1239710	20.0
unknown14.96	14.96	12.7	ng	792815	6	15.69	1249420	20.0