LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101121.D
Acq On : 5 Dec 2017 13:48
Operator : SJ/JU
Sample : I6734-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Driveway-Paving-2(0-12)

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-BF113017.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	5.081	506	509	521	rBB	64565	93319	6.12%	0.492%
2	5.475	571	576	579	rBV	1311576	1262207	82.73%	6.656%
3	6.487	742	748	756	rBV	1247484	1321017	86.58%	6.966%
4	6.622	766	771	774	rBV	1487155	1371523	89.89%	7.232%
5	6.845	806	809	813	rBV	424076	335980	22.02%	1.772%
6	7.004	832	836	839	rBV	1268073	1060471	69.51%	5.592%
7	7.416	901	906	909	rBV	886333	837741	54.91%	4.418%
8	8.128	1023	1027	1031	rBV	533399	433735	28.43%	2.287%
9	9.204	1205	1210	1213	rBV	1736914	1525698	100.00%	8.045%
10	9.598	1273	1277	1284	rVB	181066	163657	10.73%	0.863%
11	9.804	1308	1312	1316	rBV2	49019	42601	2.79%	0.225%
12	9.886	1322	1326	1329	rBV	554652	475600	31.17%	2.508%
13	10.304	1395	1397	1400	rVB	52136	37966	2.49%	0.200%
14	10.433	1415	1419	1423	rVB2	18516	18068	1.18%	0.095%
15	10.522	1426	1434	1436	rBV3	14998	19055	1.25%	0.100%
16	10.680	1456	1461	1464	rBV	958001	923606	60.54%	4.870%
17	10.775	1474	1477	1488	rBV	44807	55842	3.66%	0.294%
18	11.227	1549	1554	1556	rBV2	32186	29189	1.91%	0.154%
19	11.375	1575	1579	1581	rBV	595304	498674	32.68%	2.630%
20	11.398	1581	1583	1586	rVV	321959	237017	15.53%	1.250%
21	11.451	1589	1592	1594	rVB	47648	41612	2.73%	0.219%
22	11.604	1615	1618	1623	rVB	20414	17875	1.17%	0.094%
23	11.874	1661	1664	1665	rBV	49983	41291	2.71%	0.218%
24	11.892	1665	1667	1672	rVB2	77008	105694	6.93%	0.557%
25	11.986	1680	1683	1685	rBV2	98187	94961	6.22%	0.501%
26	12.010	1685	1687	1692	rVB	43828	33141	2.17%	0.175%
27	12.169	1711	1714	1717	rBV	41628	30487	2.00%	0.161%
28	12.198	1717	1719	1725	rVB	40414	38412	2.52%	0.203%
29	12.422	1751	1757	1760	rBV	40296	41265	2.70%	0.218%
30	12.463	1760	1764	1766	rVV3	22286	32232	2.11%	0.170%
31	12.516	1769	1773	1777	rVB3	31450	34718	2.28%	0.183%
32	12.592	1782	1786	1789	rBV	745013	614561	40.28%	3.241%
33	12.674	1798	1800	1804	rVB3	16982	16733	1.10%	0.088%
34	12.739	1804	1811	1814	rBV3	22630	28869	1.89%	0.152%

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Sample : I6734-03
Misc :
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Instrument : BNA_F
ClientSampleId : Driveway-Paving-2(0-12)

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-BF113017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.821	1818	1825	1828	rBV	644463	648555	42.51%	3.420%
36	12.869	1830	1833	1837	rVB2	25484	27192	1.78%	0.143%
37	12.963	1837	1849	1852	rBV	1474101	1414049	92.68%	7.457%
38	13.039	1856	1862	1865	rBV3	39397	67756	4.44%	0.357%
39	13.121	1873	1876	1878	rBV3	35080	41781	2.74%	0.220%
40	13.145	1878	1880	1883	rVB	93805	84966	5.57%	0.448%
41	13.210	1889	1891	1894	rVB	64203	54683	3.58%	0.288%
42	13.251	1894	1898	1901	rBV2	61148	67664	4.43%	0.357%
43	13.345	1910	1914	1916	rBV	34682	29793	1.95%	0.157%
44	13.374	1916	1919	1928	rBV2	38576	47220	3.09%	0.249%
45	13.516	1937	1943	1945	rBV6	9354	17059	1.12%	0.090%
46	13.627	1959	1962	1965	rBV4	17077	23432	1.54%	0.124%
47	13.657	1965	1967	1971	rVB	41981	36579	2.40%	0.193%
48	13.763	1981	1985	1988	rBV2	52458	62678	4.11%	0.331%
49	13.792	1988	1990	1992	rVV	47394	41158	2.70%	0.217%
50	13.839	1995	1998	2001	rVV3	143951	161561	10.59%	0.852%
51	13.863	2001	2002	2006	rVB	43922	32727	2.15%	0.173%
52	13.980	2019	2022	2024	rBV	123894	111102	7.28%	0.586%
53	14.016	2024	2028	2031	rVV2	502617	694377	45.51%	3.662%
54	14.045	2031	2033	2040	rVB	282401	231260	15.16%	1.219%
55	14.121	2044	2046	2050	rBV	48453	38630	2.53%	0.204%
56	14.168	2050	2054	2058	rBV3	22844	29498	1.93%	0.156%
57	14.245	2063	2067	2070	rVV2	25069	35605	2.33%	0.188%
58	14.286	2070	2074	2079	rVB4	16965	24792	1.62%	0.131%
59	14.404	2089	2094	2097	rVV	49412	48335	3.17%	0.255%
60	14.433	2097	2099	2102	rVV2	21055	21716	1.42%	0.115%
61	14.474	2102	2106	2109	rVV3	44208	60515	3.97%	0.319%
62	14.527	2113	2115	2117	rVV	43216	43125	2.83%	0.227%
63	14.551	2117	2119	2122	rVV2	48314	51149	3.35%	0.270%
64	14.598	2124	2127	2133	rVB5	28213	37373	2.45%	0.197%
65	14.845	2166	2169	2175	rVB	47080	54331	3.56%	0.286%
66	14.915	2175	2181	2186	rBV5	66371	97559	6.39%	0.514%
67	15.063	2201	2206	2209	rBV	208264	313476	20.55%	1.653%
68	15.110	2212	2214	2216	rVV2	61479	66084	4.33%	0.348%
69	15.133	2216	2218	2222	rVV	95470	105539	6.92%	0.557%
70	15.168	2222	2224	2230	rVB	36973	37961	2.49%	0.200%
71	15.368	2252	2258	2264	rVB	123155	155315	10.18%	0.819%

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Integrator: RTE
Smoothing : ON Filtering: 5
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72	15.427	2264	2268	2273	rBV	188931	255119	16.72%	1.345%
73	15.492	2273	2279	2282	rVV	280070	399336	26.17%	2.106%
74	15.521	2282	2284	2292	rVB2	58302	76149	4.99%	0.402%
75	15.692	2303	2313	2316	rBV10	24175	49790	3.26%	0.263%
76	15.921	2347	2352	2357	rBV2	72190	109882	7.20%	0.579%
77	15.968	2357	2360	2368	rVV5	27700	46909	3.07%	0.247%
78	16.057	2370	2375	2378	rBV3	14984	21470	1.41%	0.113%
79	16.204	2396	2400	2406	rVB7	9305	16797	1.10%	0.089%
80	16.715	2482	2487	2492	rVB3	42616	67615	4.43%	0.357%
81	16.974	2524	2531	2542	rBV3	94241	226064	14.82%	1.192%
82	17.109	2548	2554	2558	rBV6	32681	72771	4.77%	0.384%
83	17.221	2566	2573	2577	rBV5	18699	48623	3.19%	0.256%
84	17.274	2577	2582	2591	rVB8	40796	97020	6.36%	0.512%
85	17.421	2600	2607	2618	rBV2	63552	134604	8.82%	0.710%
86	17.521	2618	2624	2636	rVB2	46688	129891	8.51%	0.685%
87	17.668	2644	2649	2665	rVB4	19041	64722	4.24%	0.341%
88	18.139	2724	2729	2738	rVB6	18012	46271	3.03%	0.244%
89	18.556	2792	2800	2807	rBV7	26209	69461	4.55%	0.366%

Sum of corrected areas: 18963906

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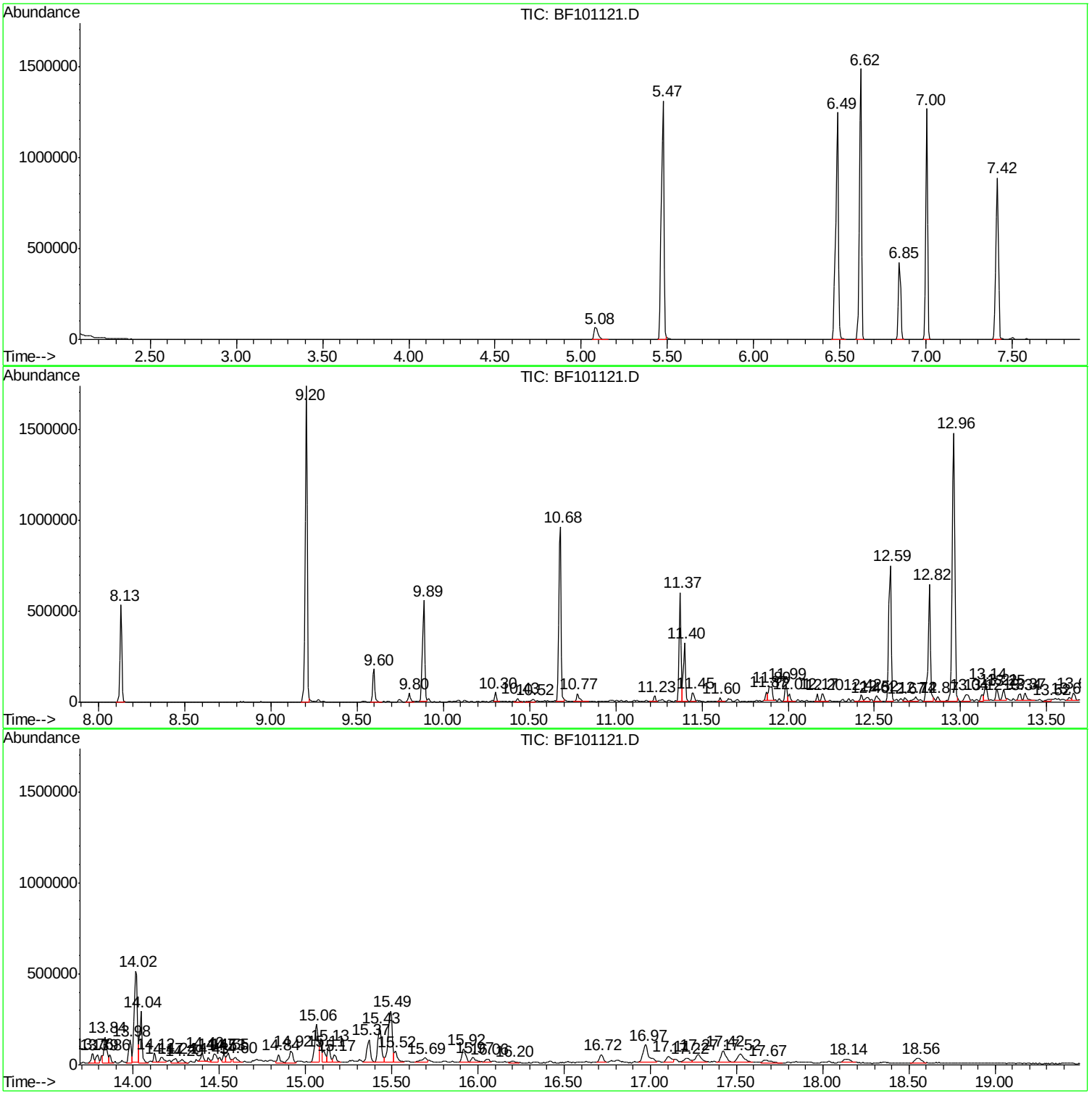
Instrument :
BNA_F
ClientSampleId :
Driveway-Paving-2(0-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
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Acq On : 5 Dec 2017 13:48
Operator : SJ/JU
Sample : I6734-03
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Instrument : BNA_F
ClientSampleId : Driveway-Paving-2(0-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
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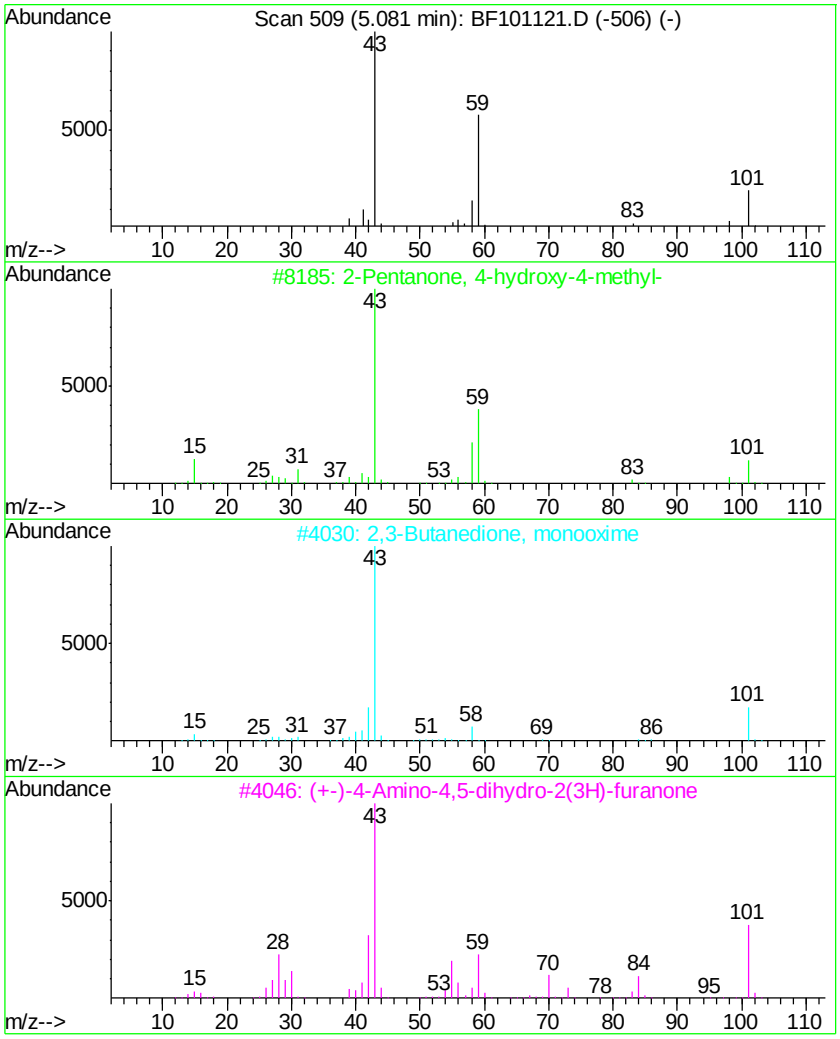
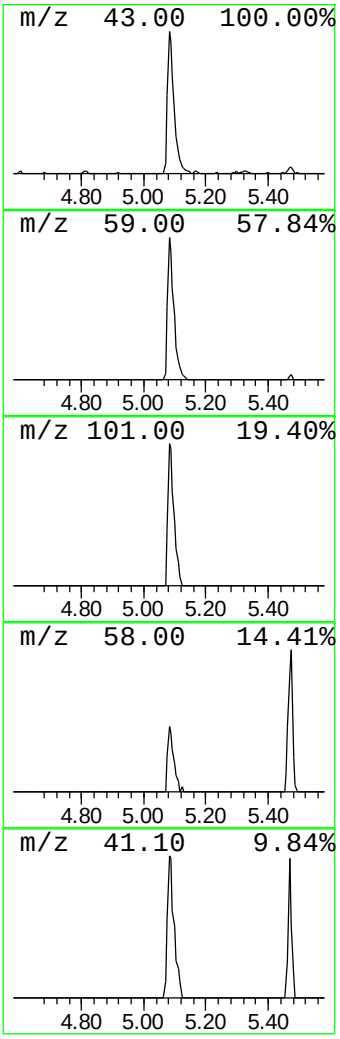
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	5.56 ng	93319	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101121.D
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Sample : I6734-03
Misc :
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Instrument : BNA_F
ClientSampleId : Driveway-Paving-2(0-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

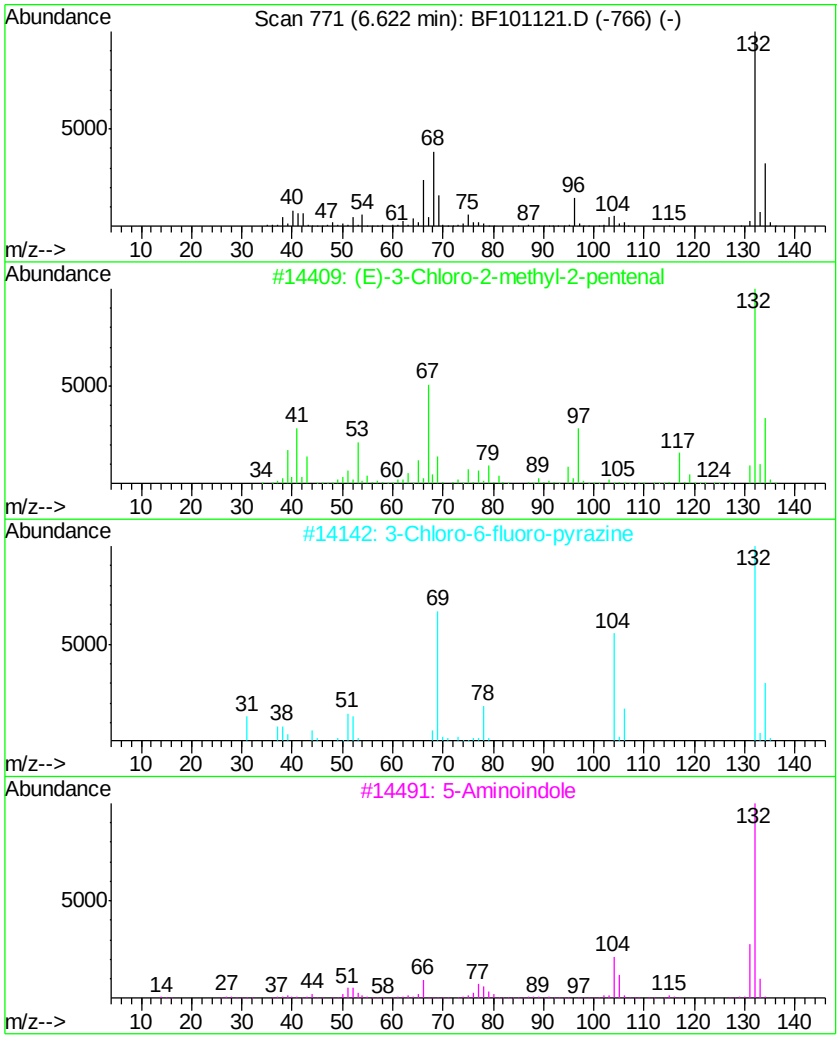
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

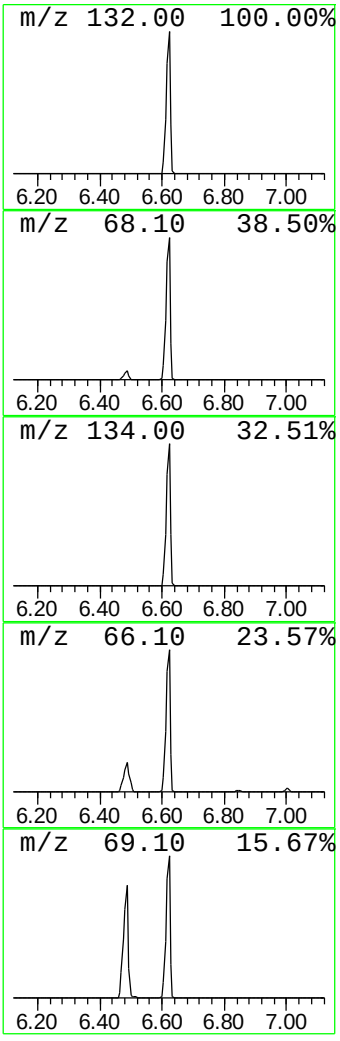
****

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	81.64 ng	1371520	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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TIC Library : C:\DATABASE\NIST11.L
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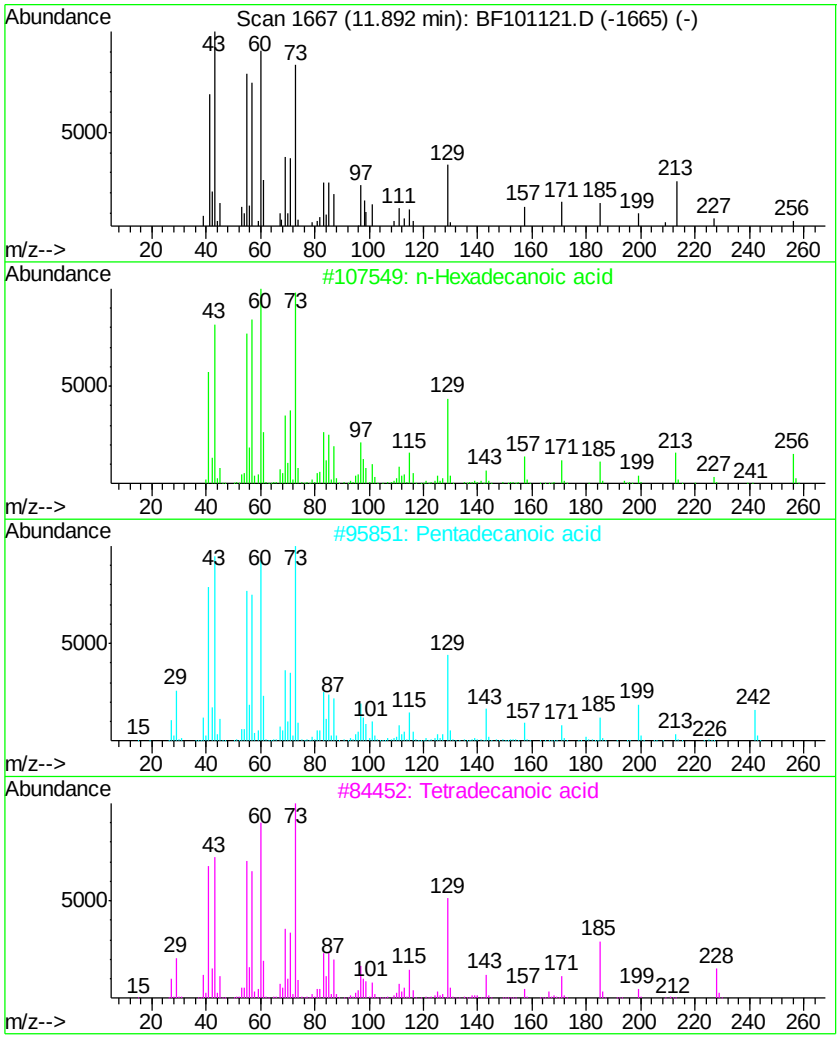
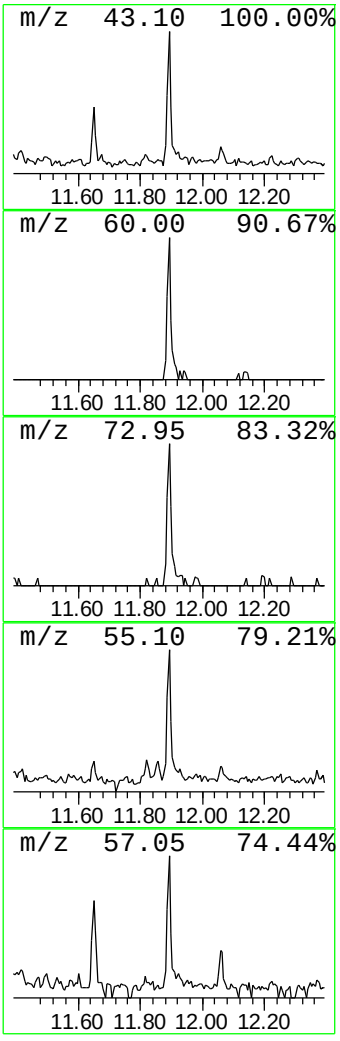
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	4.24 ng	105694	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	58





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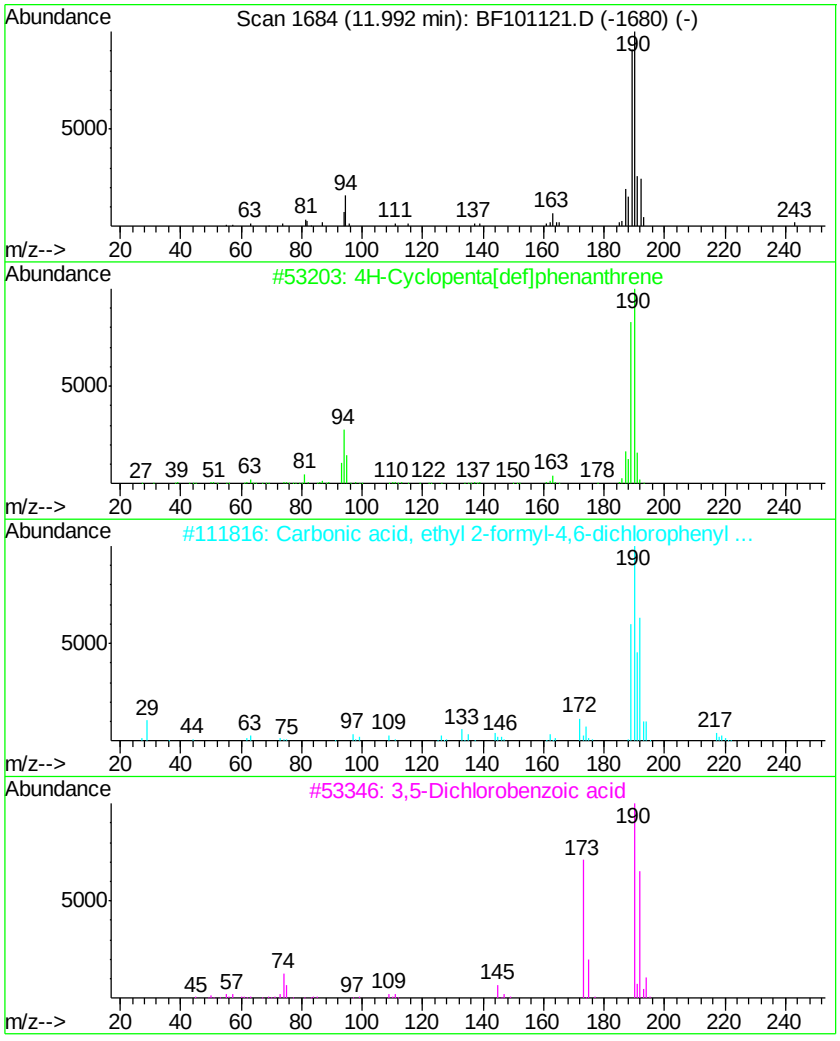
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

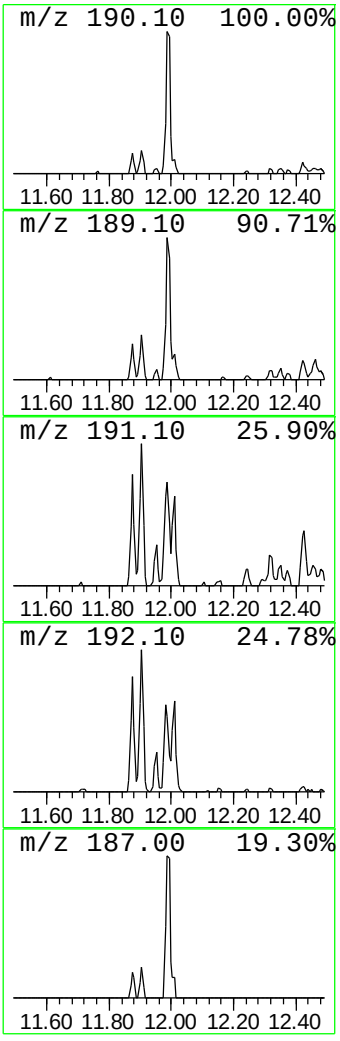
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	3.81 ng	94961	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	53
3	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	38
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	20
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18





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Sample : I6734-03
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Instrument : BNA_F
ClientSampleId : Driveway-Paving-2(0-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

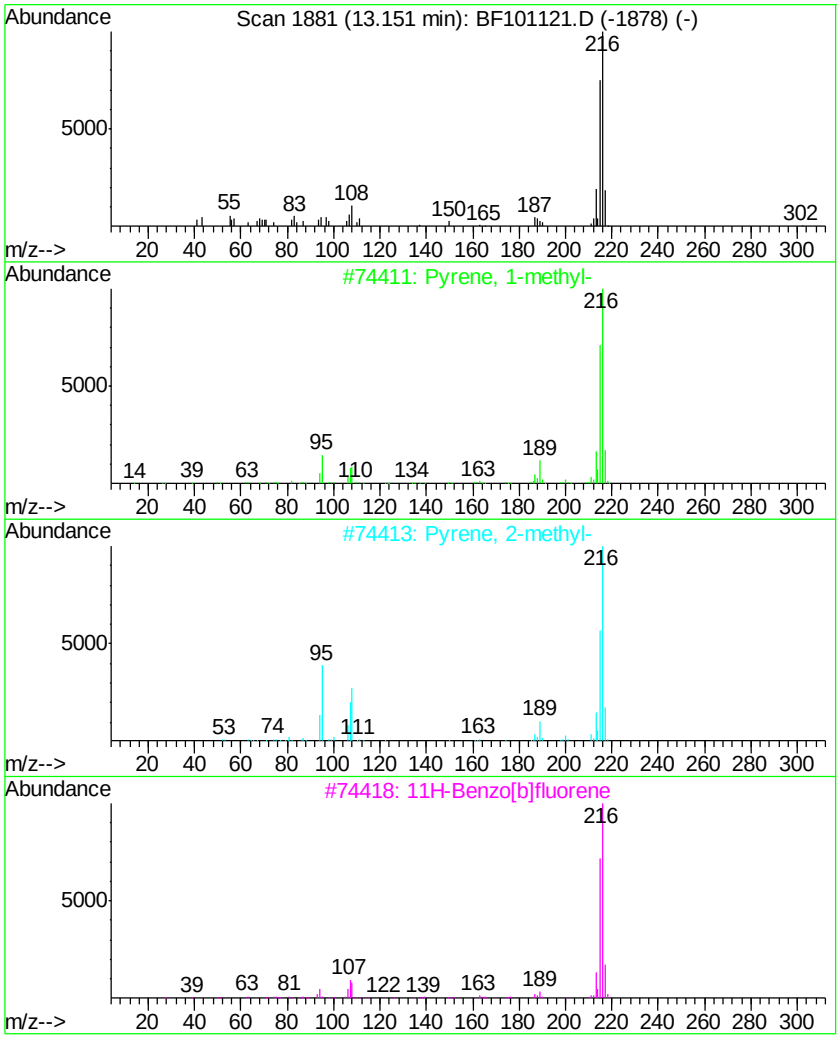
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

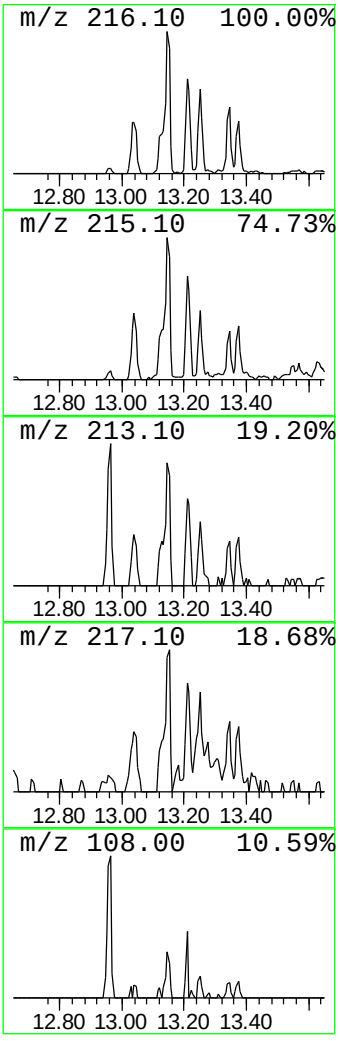
****

Peak Number 6 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	2.45 ng	84966	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80





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Data File : BF101121.D
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Sample : I6734-03
Misc :
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Instrument : BNA_F
ClientSampleId : Driveway-Paving-2(0-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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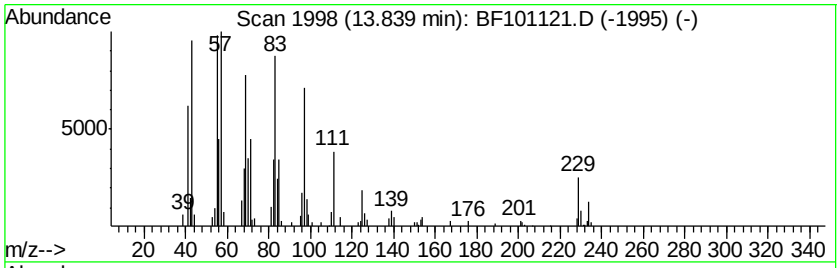
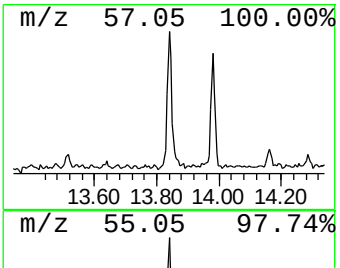
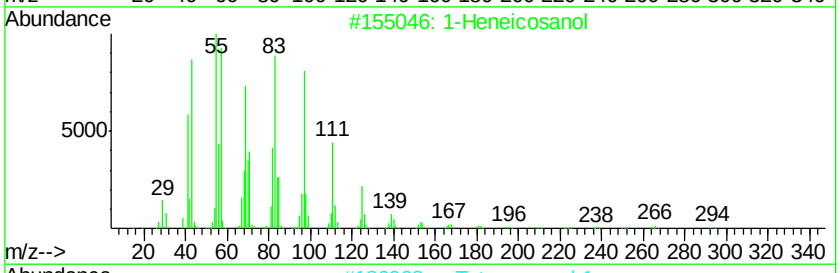
Peak Number 7 1-Heneicosanol Concentration Rank 9

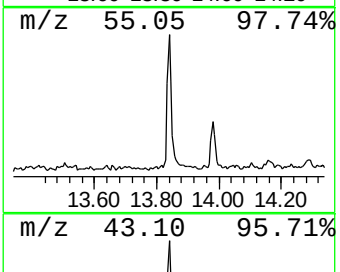
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	4.65 ng	161561	Chrysene-d12	14.02

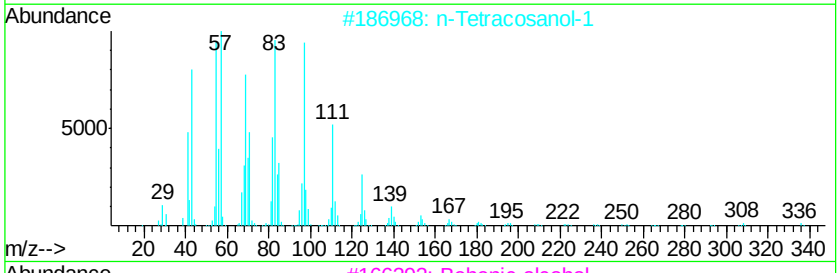
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	1-Heptacosanol	396	C27H56O	002004-39-9	90
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90

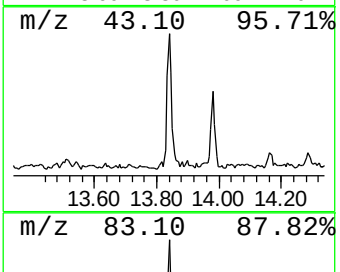


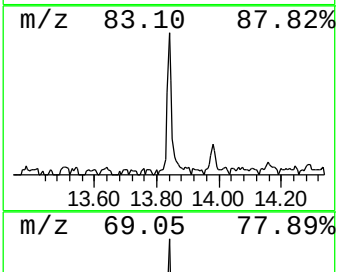


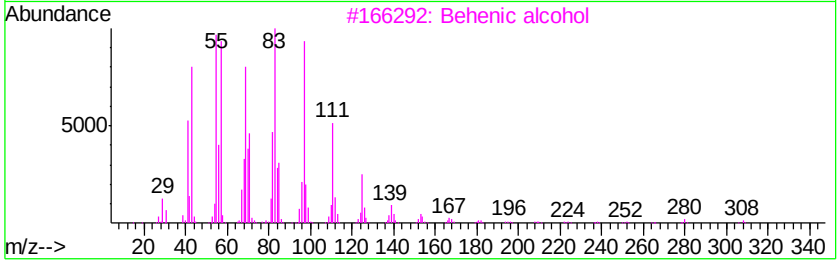


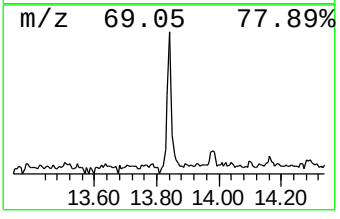












Library Search Compound Report

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Acq On : 5 Dec 2017 13:48
Operator : SJ/JU
Sample : I6734-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Driveway-Paving-2(0-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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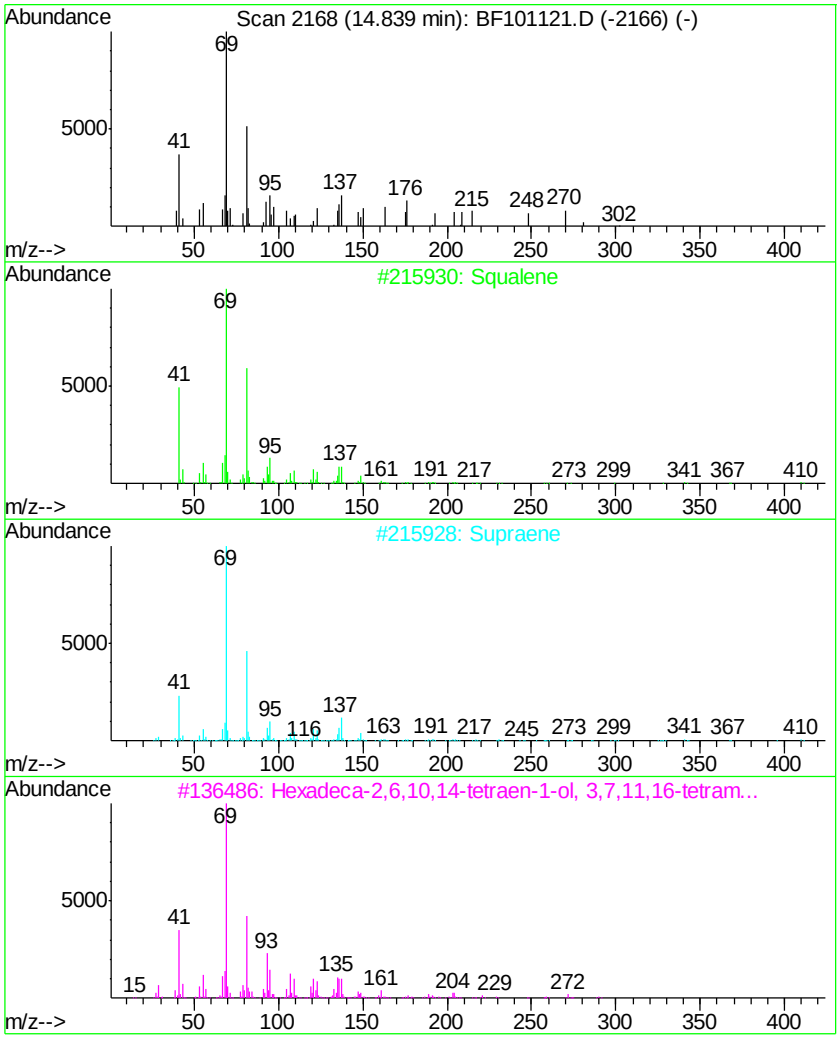
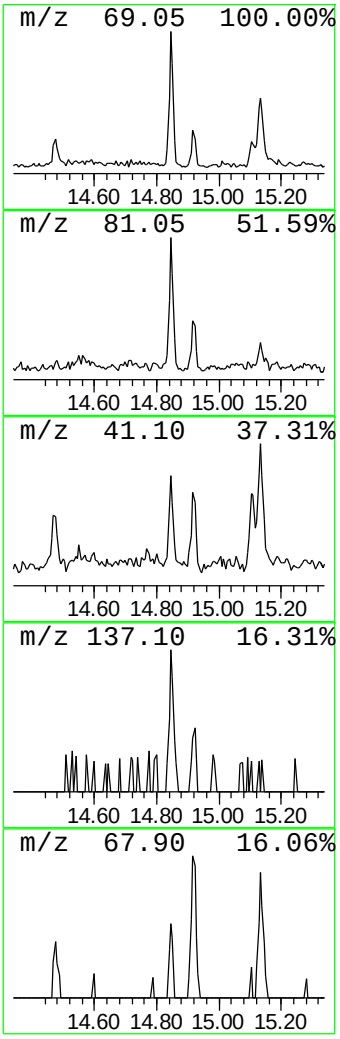
Peak Number 8 Squalene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	2.72 ng	54331	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	74
2	Supraene	410	C30H50	007683-64-9	72
3	Hexadeca-2,6,10,14-tetraen-1-ol,...	290	C20H34O	007614-21-3	72
4	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	72
5	(.+/-.)-Lavandulol, pentafluorop...	300	C13H17F5O2	1000352-63-1	64





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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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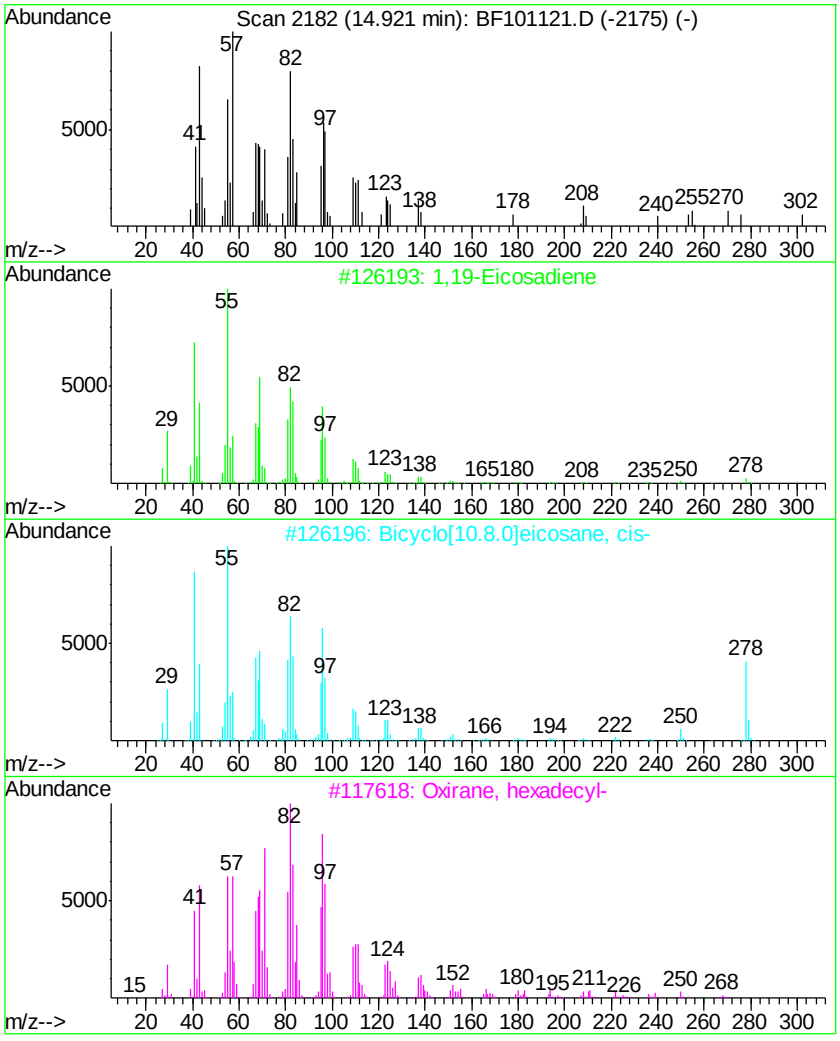
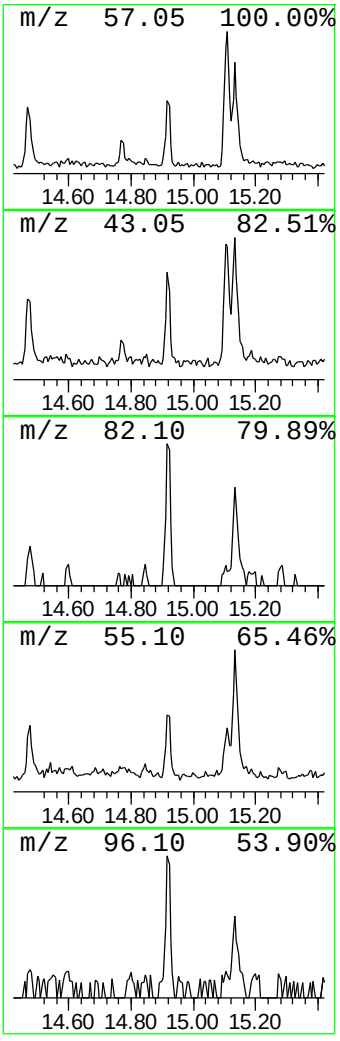
Peak Number 9 1,19-Eicosadiene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	4.89 ng	97559	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	95
2	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	93
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
4	Octadecanal	268	C18H36O	000638-66-4	64
5	Octadecanoic acid, 3-hydroxy-2-t...	511	C33H66O3	018951-36-5	58





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Instrument : BNA_F
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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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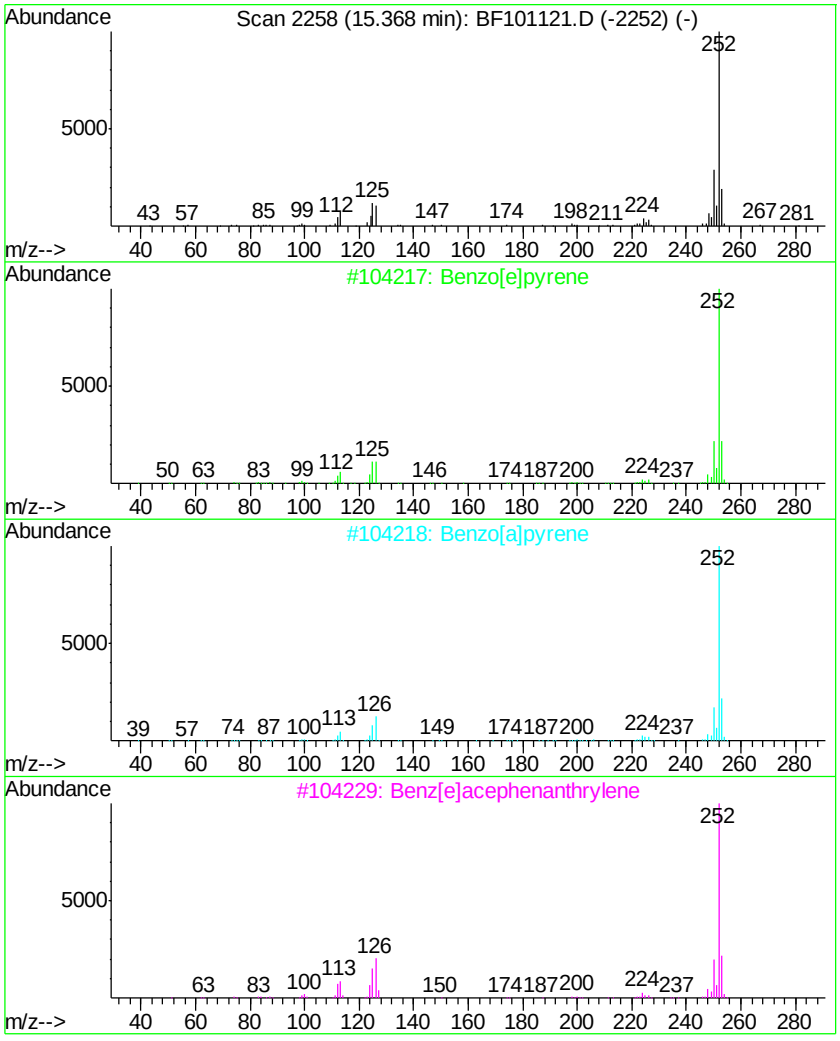
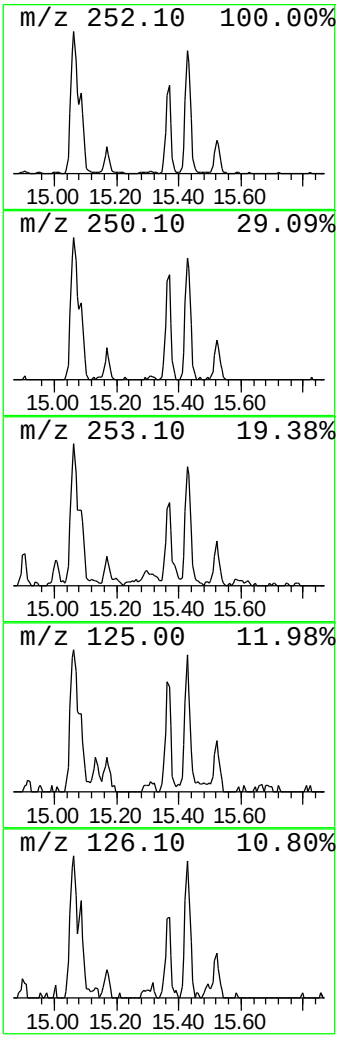
Peak Number 10 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	7.78 ng	155315	Perylene-d12	15.49

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	91
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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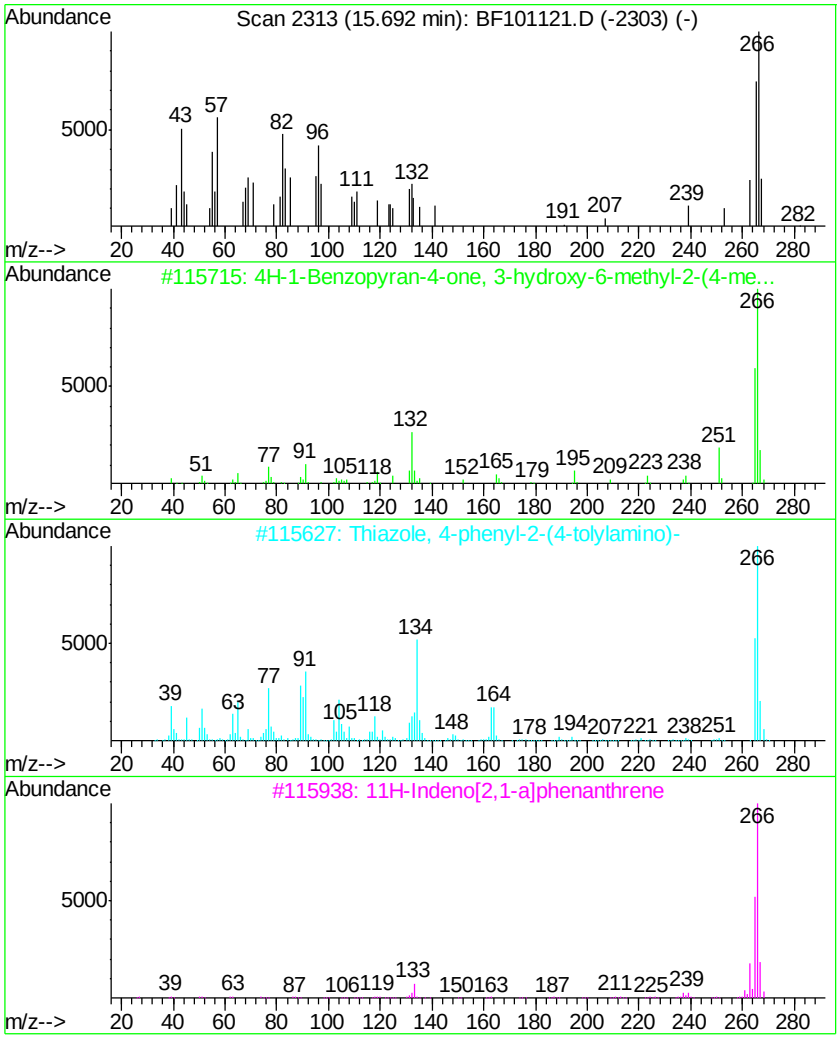
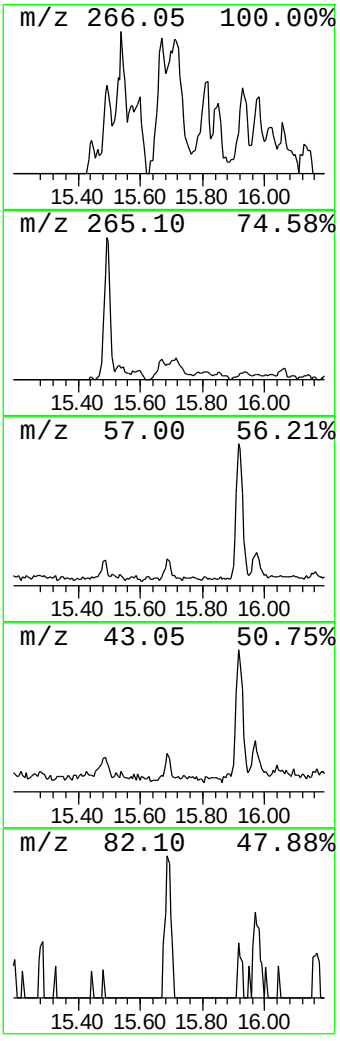
Peak Number 11 unknown15.69 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	2.49 ng	49790	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-1-Benzopyran-4-one, 3-hydroxy...	266	C17H14O3	078396-37-9	47
2	Thiazole, 4-phenyl-2-(4-tolylami...	266	C16H14N2S	016098-04-7	46
3	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	43
4	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	43
5	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	43





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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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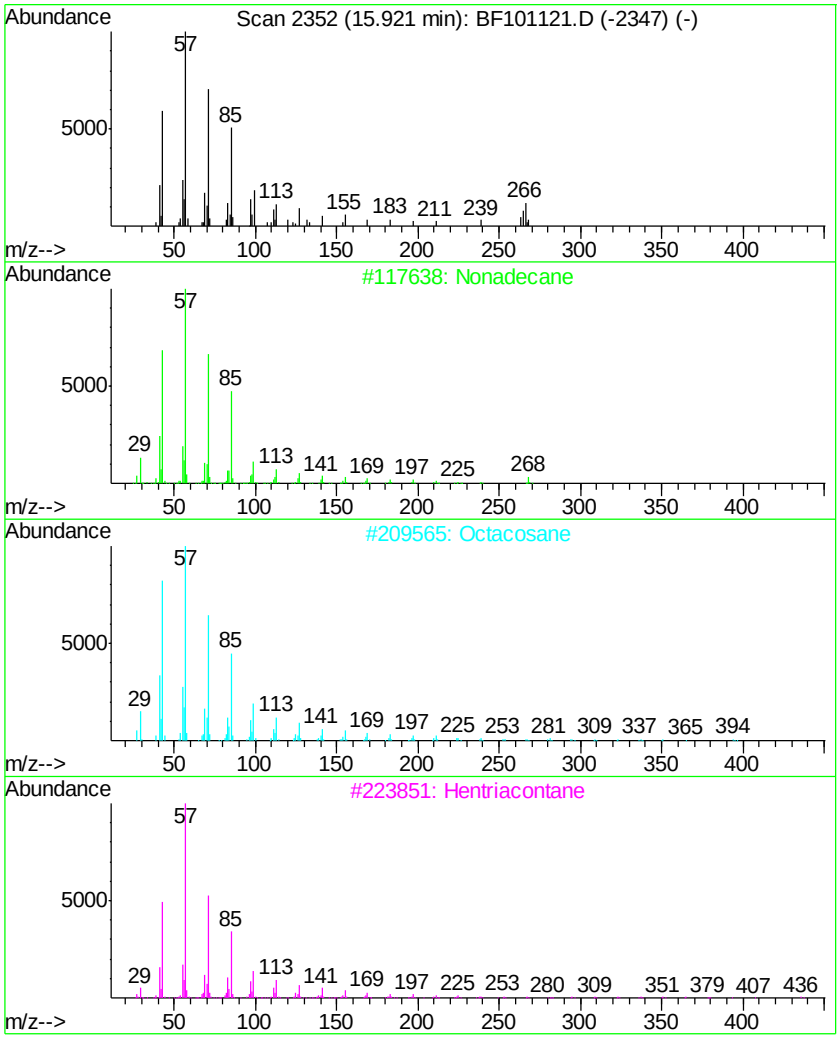
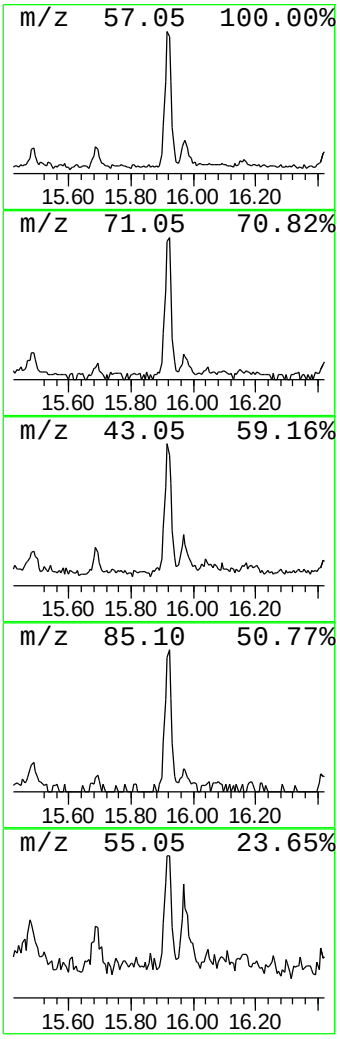
Peak Number 12 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	5.50 ng	109882	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Octacosane	394	C28H58	000630-02-4	81
3	Hentriacontane	437	C31H64	000630-04-6	81
4	Heneicosane	296	C21H44	000629-94-7	81
5	Tetratetracontane	619	C44H90	007098-22-8	81





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Instrument : BNA_F
ClientSampleId : Driveway-Paving-2(0-12)

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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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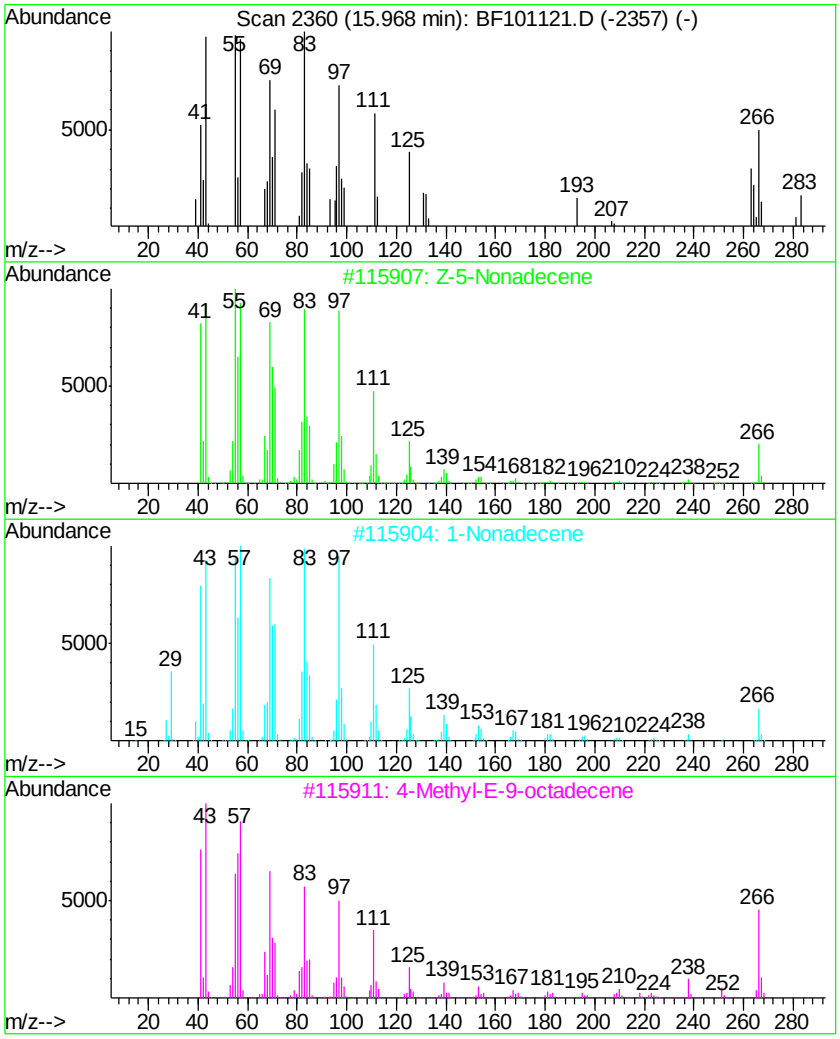
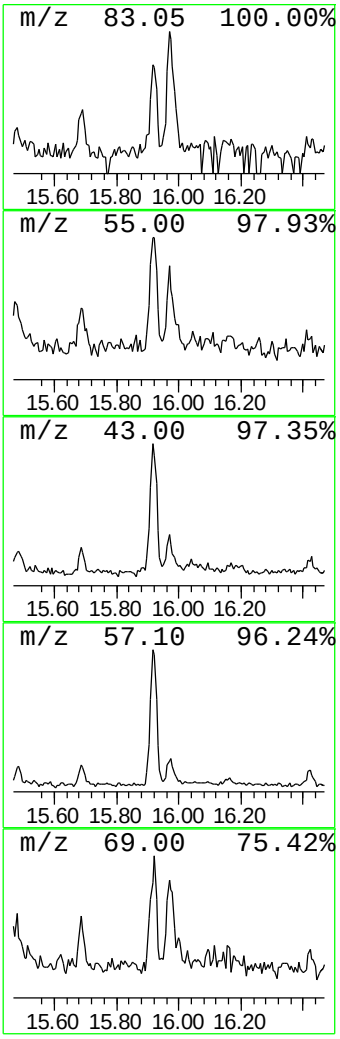
Peak Number 13 Z-5-Nonadecene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	2.35 ng	46909	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-5-Nonadecene	266	C19H38	1000131-11-8	90
2	1-Nonadecene	266	C19H38	018435-45-5	90
3	4-Methyl-E-9-octadecene	266	C19H38	1000130-87-1	78
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	60
5	Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	60





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Instrument : BNA_F
ClientSampleId : Driveway-Paving-2(0-12)

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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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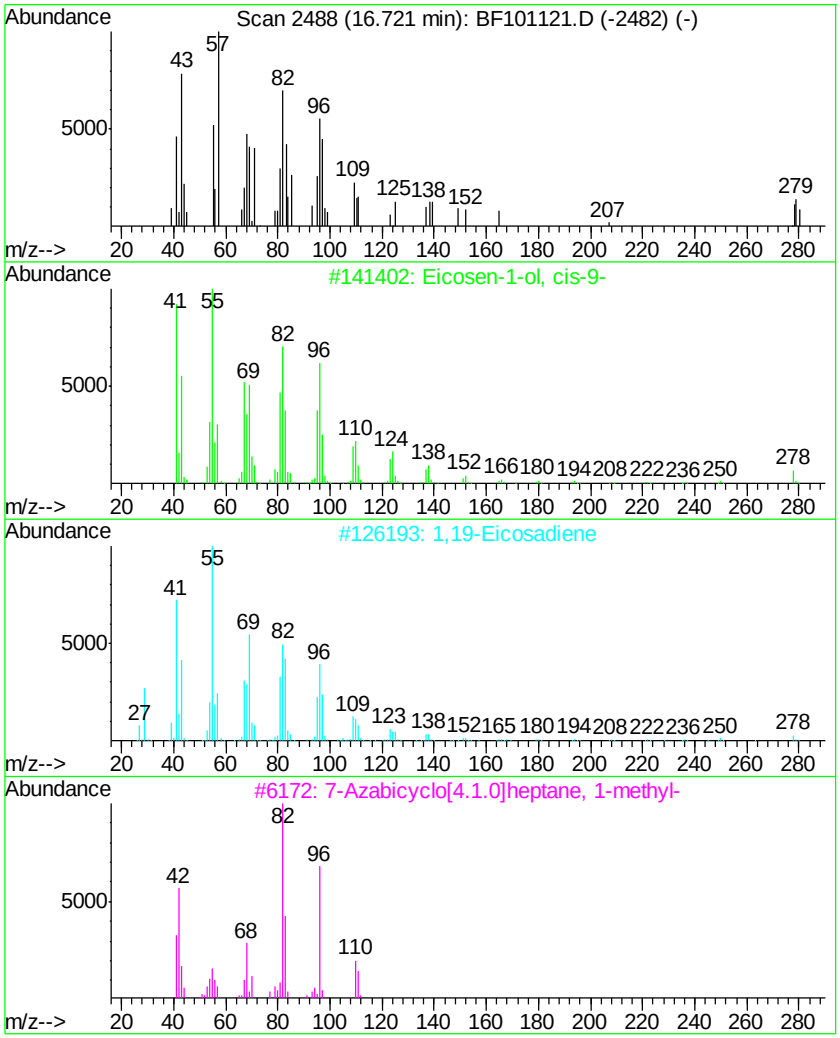
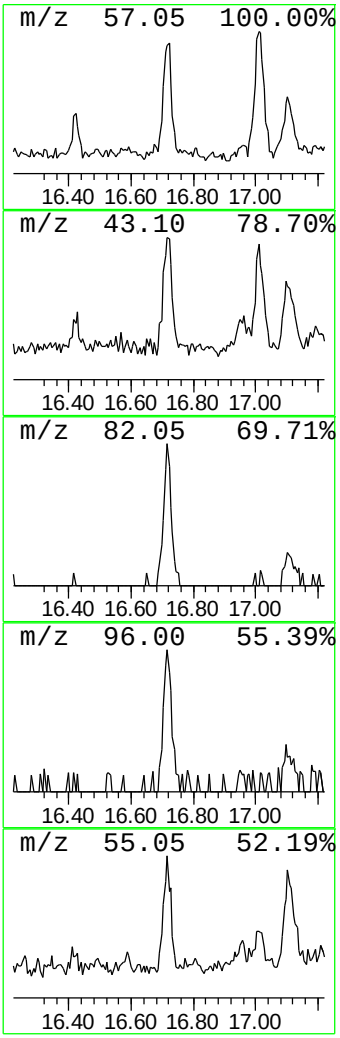
Peak Number 14 Eicosen-1-ol, cis-9- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	3.39 ng	67615	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosen-1-ol, cis-9-	296	C20H40O	112248-30-3	53
2	1,19-Eicosadiene	278	C20H38	014811-95-1	50
3	7-Azabicyclo[4.1.0]heptane, 1-me...	111	C7H13N	025022-25-7	45
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	43
5	Tridecane, 3-cyclohexyl-	266	C19H38	013151-88-7	38





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Sample : I6734-03
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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Driveway-Paving-2(0-12)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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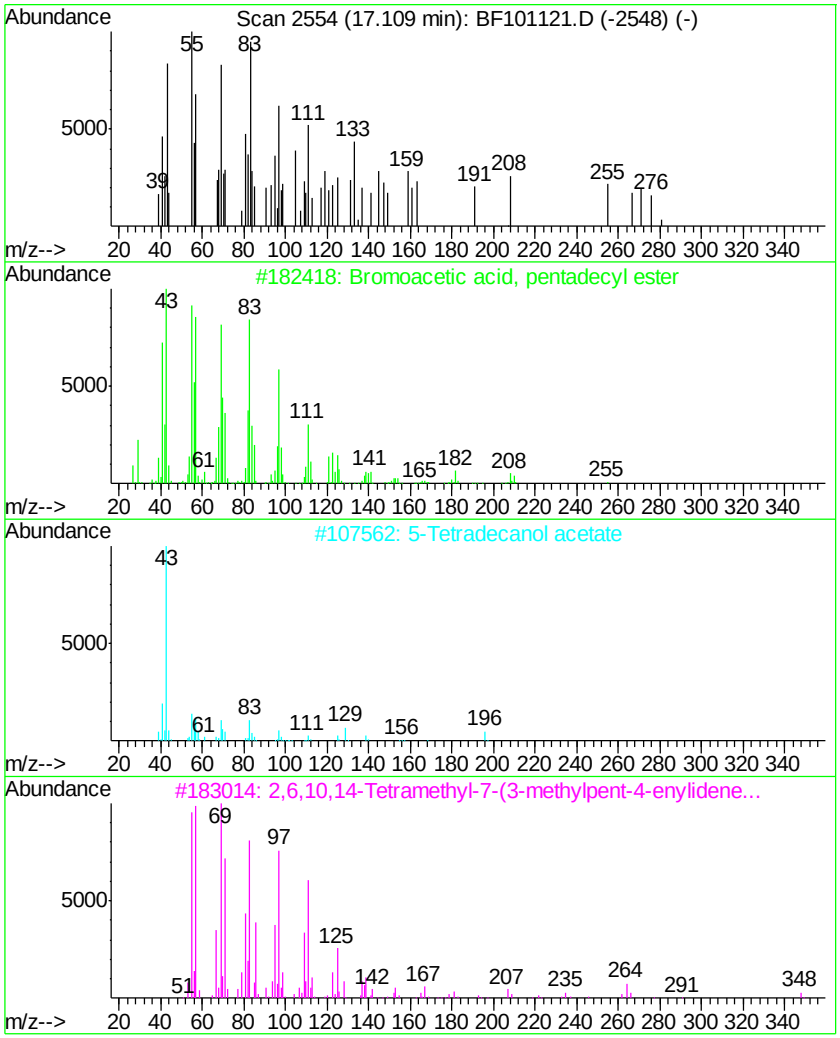
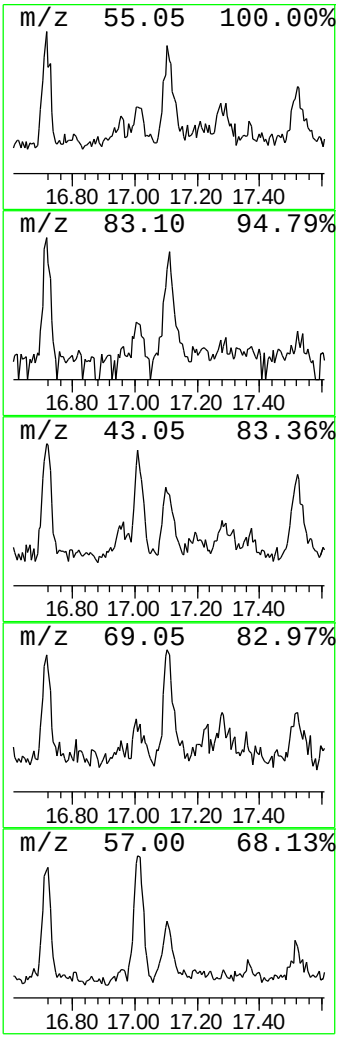
Peak Number 15 Bromoacetic acid, pentadecy... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.11	3.64 ng	72771	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	53
2	5-Tetradecanol acetate	256	C16H32O2	051354-25-7	49
3	2,6,10,14-Tetramethyl-7-(3-methy...	348	C25H48	1000370-41-6	46
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	38
5	n-Pentadecanol	228	C15H32O	000629-76-5	38





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Driveway-Paving-2(0-12)

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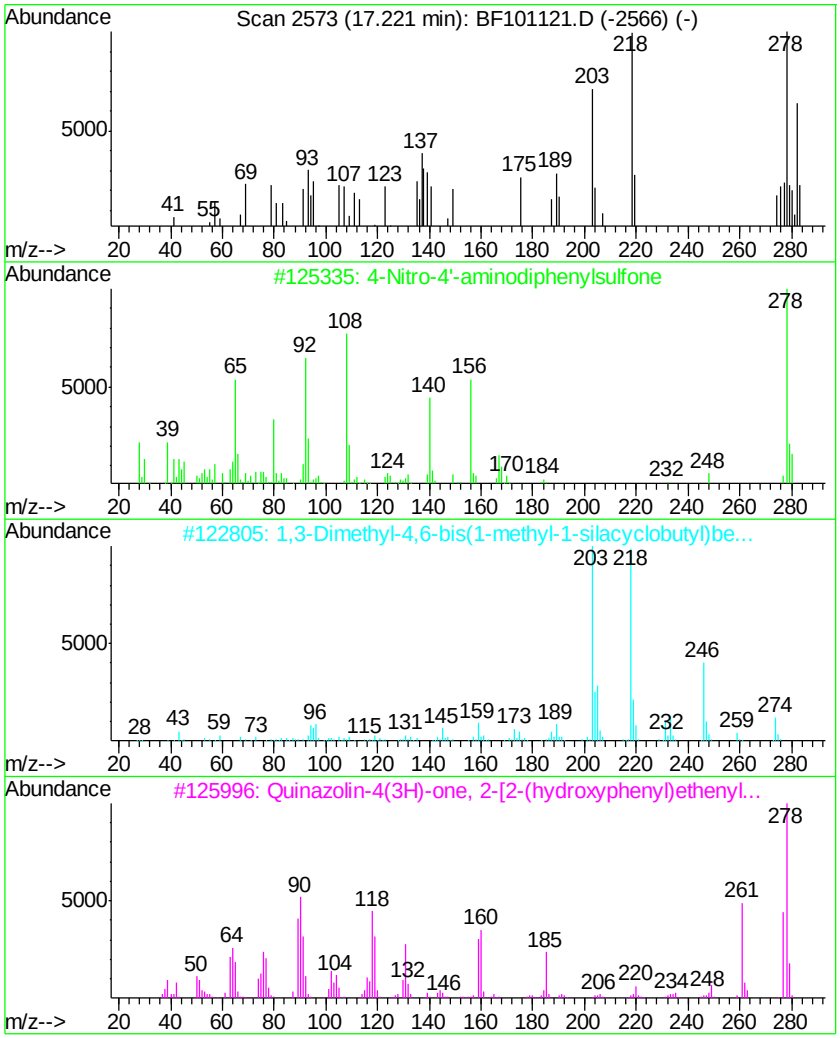
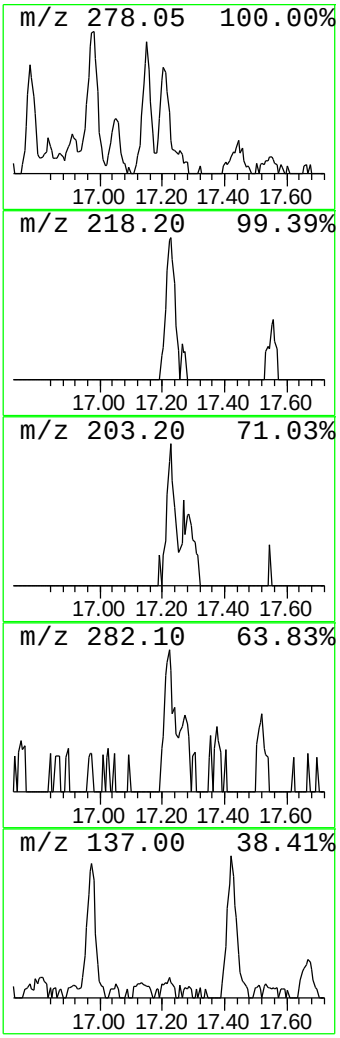
Peak Number 16 unknown17.22 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	2.44 ng	48623	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nitro-4'-aminodiphenylsulfone	278	C12H10N2O4S	001948-92-1	18
2	1,3-Dimethyl-4,6-bis(1-methyl-1-...	274	C16H26Si2	1000293-75-9	14
3	Quinazolin-4(3H)-one, 2-[2-(hydr...	278	C17H14N2O2	050830-07-4	14
4	5-(1-Naphthyl)tricyclo[4.1.0.0(2...	218	C17H14	107729-05-5	14
5	Thiocyanic acid, 4-amino-2-fluor...	278	C13H8F2N2OS	019239-05-5	14





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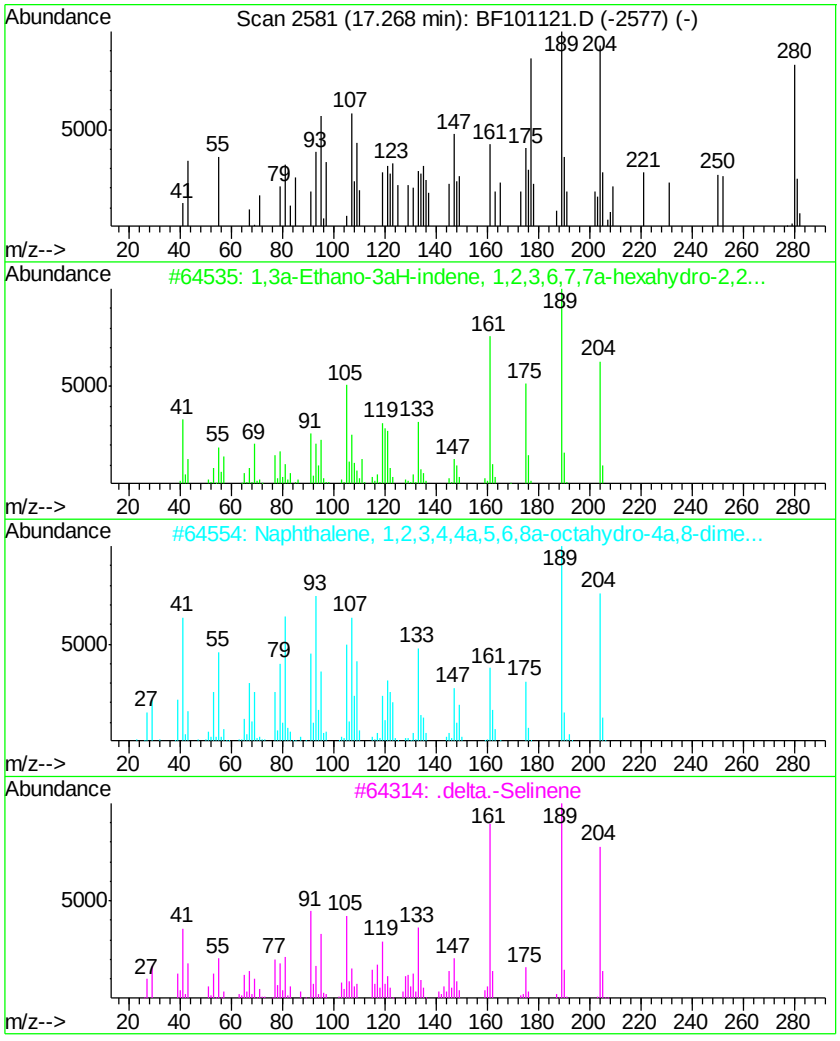
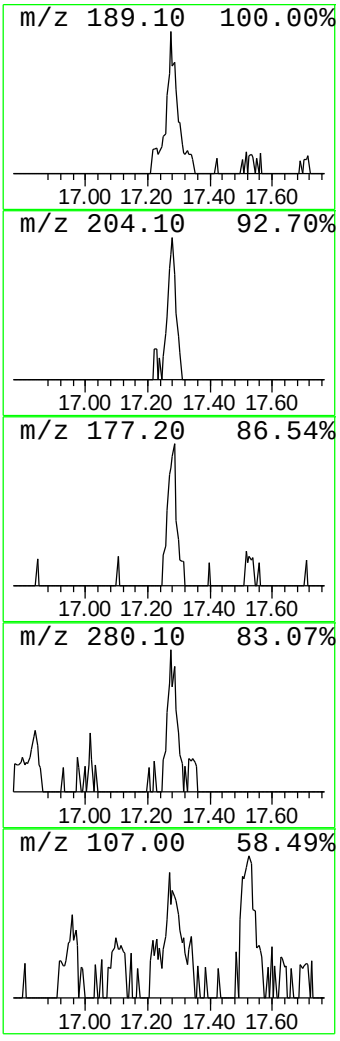
Peak Number 17 unknown17.27 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	4.86 ng	97020	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3a-Ethano-3aH-indene, 1,2,3,6,...	204	C15H24	004545-68-0	35
2	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	30
3	.delta.-Selinene	204	C15H24	028624-23-9	27
4	Naphthalene, decahydro-4a-methyl...	204	C15H24	000515-17-3	27
5	.gama.-eudesmol	222	C15H26O	1000374-18-5	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101121.D
Acq On : 5 Dec 2017 13:48
Operator : SJ/JU
Sample : I6734-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Driveway-Paving-2(0-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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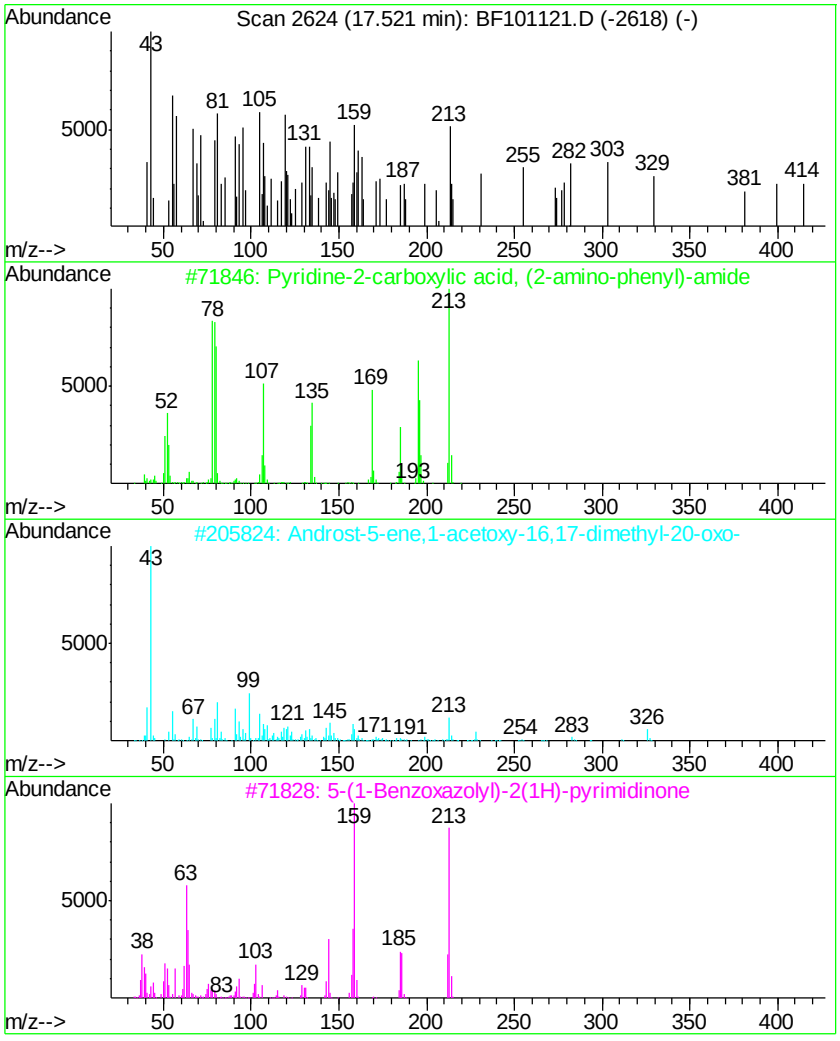
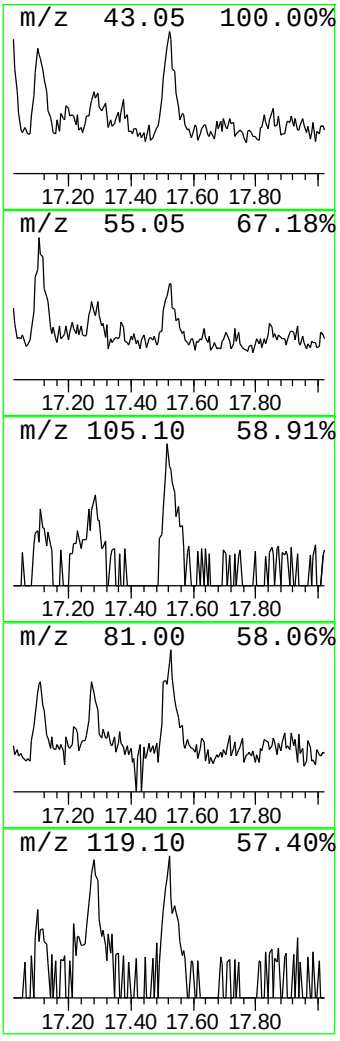
Peak Number 18 unknown17.52 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	6.51 ng	129891	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine-2-carboxylic acid, (2-a...	213	C12H11N3O	1000317-79-6	11
2	Androst-5-ene,1-acetoxy-16,17-di...	386	C25H38O3	294866-91-4	10
3	5-(1-Benzoxazolyl)-2(1H)-pyrimid...	213	C11H7N3O2	349488-95-5	10
4	.beta.-d-Lyxofuranoside, 5-O-ace...	372	C18H33BO5S	1000154-39-0	10
5	Anthranilic acid, N-(o-fluorophe...	231	C13H10FNO2	000054-58-0	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101121.D
Acq On : 5 Dec 2017 13:48
Operator : SJ/JU
Sample : I6734-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Driveway-Paving-2(0-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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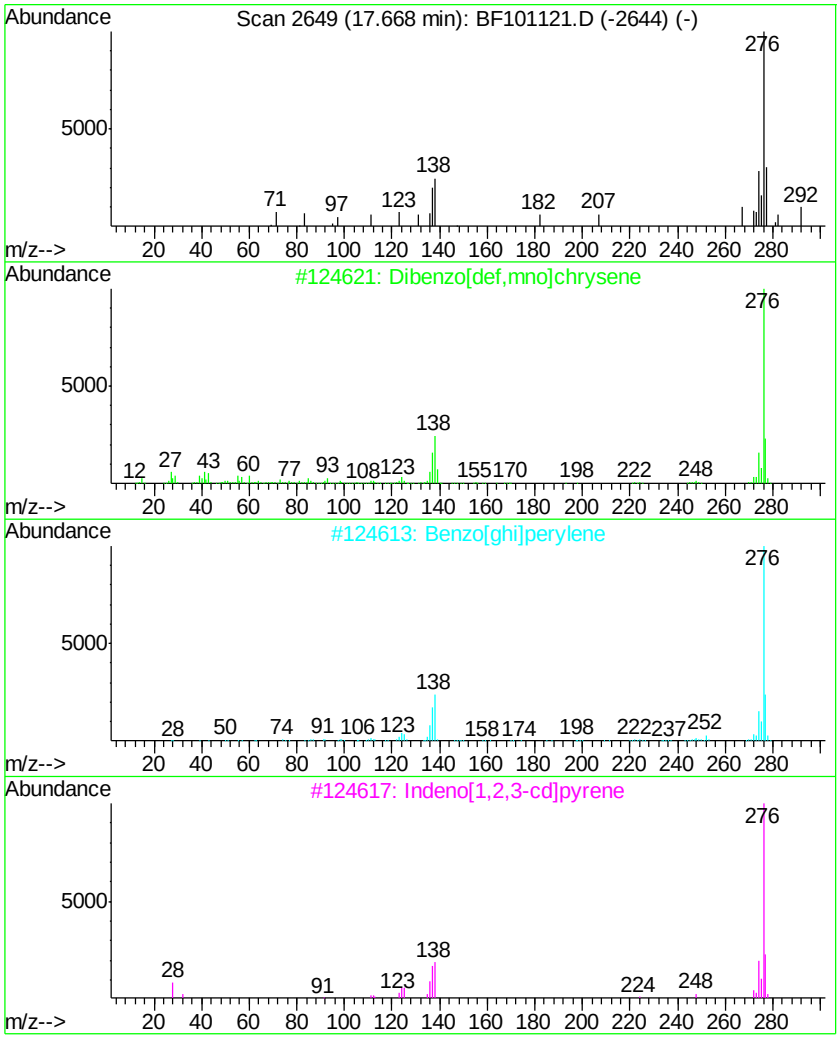
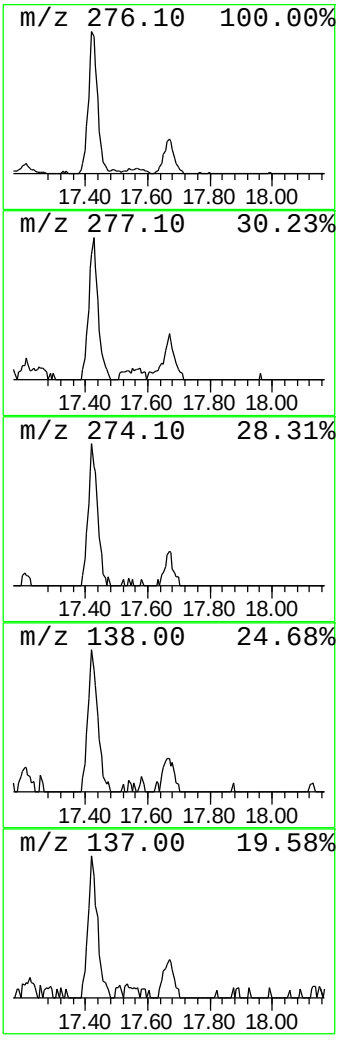
Peak Number 19 Dibenzo[def,mno]chrysene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	3.24 ng	64722	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	81
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	72
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	72
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	64
5	9,10-Anthracenedione, 1,8-dichloro-	276	C14H6Cl2O2	000082-43-9	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101121.D
Acq On : 5 Dec 2017 13:48
Operator : SJ/JU
Sample : I6734-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Driveway-Paving-2(0-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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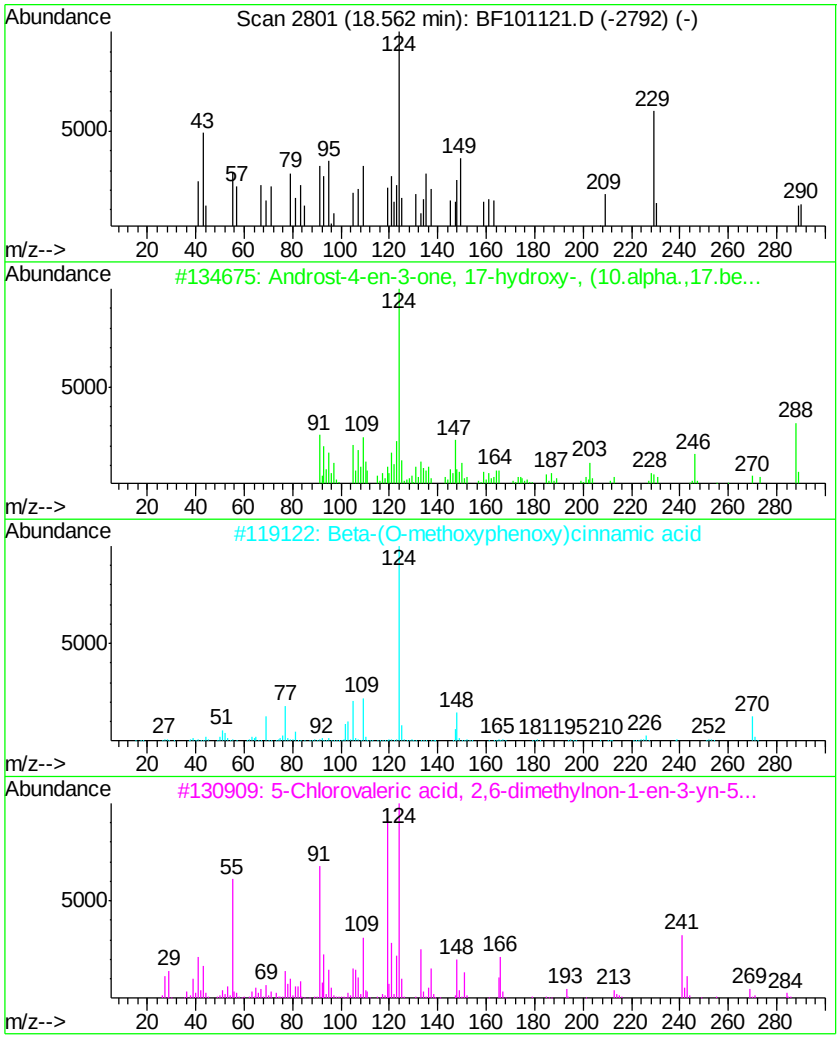
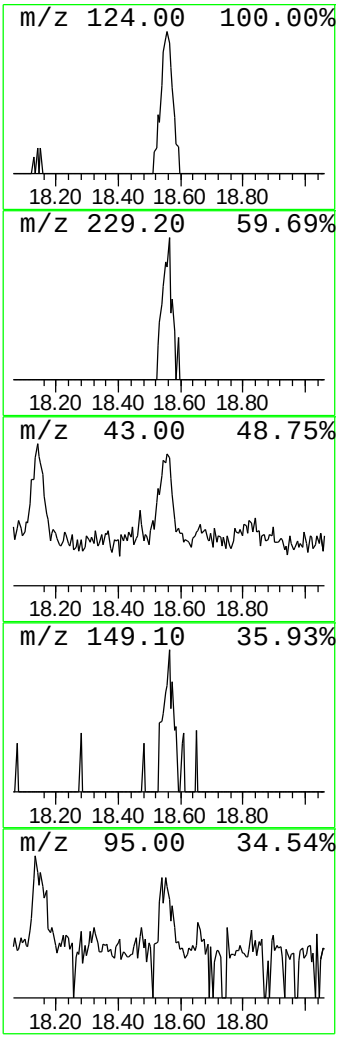
Peak Number 20 unknown18.56 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	3.48 ng	69461	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	49
2	Beta-(O-methoxyphenoxy)cinnamic ...	270	C16H14O4	1000243-81-2	35
3	5-Chlorovaleric acid, 2,6-dimeth...	284	C16H25ClO2	1000292-48-0	35
4	Testosterone	288	C19H28O2	000058-22-0	30
5	3-(4-Fluoroanilino)-1-(3-nitroph...	288	C15H13FN2O3	350039-84-8	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120517\
Data File : BF101121.D
Acq On : 5 Dec 2017 13:48
Operator : SJ/JU
Sample : I6734-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Driveway-Paving-2(0-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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...	5.08	5.6	ng	93319	1	6.85	335980	20.0
unknown6.62	6.62	81.6	ng	1371520	1	6.85	335980	20.0
n-Hexadecanoic acid	11.89	4.2	ng	105694	4	11.37	498674	20.0
4H-Cyclopenta[def...	11.99	3.8	ng	94961	4	11.37	498674	20.0
Pyrene, 1-methyl-	13.15	2.5	ng	84966	5	14.02	694377	20.0
1-Heneicosanol	13.84	4.7	ng	161561	5	14.02	694377	20.0
Squalene	14.84	2.7	ng	54331	6	15.49	399336	20.0
1,19-Eicosadiene	14.92	4.9	ng	97559	6	15.49	399336	20.0
Benzo[e]pyrene	15.37	7.8	ng	155315	6	15.49	399336	20.0
unknown15.69	15.69	2.5	ng	49790	6	15.49	399336	20.0
Nonadecane	15.92	5.5	ng	109882	6	15.49	399336	20.0
Z-5-Nonadecene	15.97	2.4	ng	46909	6	15.49	399336	20.0
Eicosen-1-ol, cis-9-	16.72	3.4	ng	67615	6	15.49	399336	20.0
Bromoacetic acid,...	17.11	3.6	ng	72771	6	15.49	399336	20.0
unknown17.22	17.22	2.4	ng	48623	6	15.49	399336	20.0
unknown17.27	17.27	4.9	ng	97020	6	15.49	399336	20.0
unknown17.52	17.52	6.5	ng	129891	6	15.49	399336	20.0
Dibenzo[def,mno]c...	17.67	3.2	ng	64722	6	15.49	399336	20.0
unknown18.56	18.56	3.5	ng	69461	6	15.49	399336	20.0