LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081594.D
Acq On : 11 Sep 2015 21:10
Operator : UM/IZ
Sample : G3511-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09(0-0.16)

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-BF090115.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	1.463	9	11	17	rBV	50905	122557	5.63%	0.501%
2	1.554	17	19	43	rVB	241061	811384	37.30%	3.314%
3	3.383	176	179	187	rBB	9779	24838	1.14%	0.101%
4	4.571	277	283	301	rBV	437129	1339863	61.60%	5.473%
5	5.429	354	358	377	rBB	1035326	1926560	88.57%	7.870%
6	6.194	423	425	431	rBB	13632	22652	1.04%	0.093%
7	7.680	550	555	558	rBV	999708	1945871	89.46%	7.949%
8	7.772	559	563	566	rVB	1140628	1943782	89.36%	7.940%
9	8.252	602	605	609	rBV	216494	351915	16.18%	1.438%
10	8.583	629	634	637	rBV	834924	1478251	67.96%	6.038%
11	9.075	675	677	680	rBB	13351	21834	1.00%	0.089%
12	9.555	713	719	721	rBV	648855	1306038	60.04%	5.335%
13	11.144	854	858	861	rBV	271148	453351	20.84%	1.852%
14	13.795	1084	1090	1093	rBV	1148498	2175190	100.00%	8.885%
15	14.847	1178	1182	1185	rBV	220941	335833	15.44%	1.372%
16	15.281	1216	1220	1224	rBV2	274393	459287	21.11%	1.876%
17	16.687	1339	1343	1345	rBV	13724	24565	1.13%	0.100%
18	17.190	1382	1387	1390	rBV	661244	1201030	55.21%	4.906%
19	17.830	1438	1443	1448	rBV	18090	48701	2.24%	0.199%
20	18.790	1523	1527	1529	rBV	242645	427687	19.66%	1.747%
21	18.836	1529	1531	1534	rVV	130522	198425	9.12%	0.811%
22	18.904	1534	1537	1540	rVV2	18176	35015	1.61%	0.143%
23	18.961	1540	1542	1548	rVB	31718	52318	2.41%	0.214%
24	19.944	1624	1628	1632	rBV	14928	25117	1.15%	0.103%
25	20.013	1632	1634	1637	rBV	13268	22794	1.05%	0.093%
26	20.070	1637	1639	1643	rVB	17416	31952	1.47%	0.131%
27	20.230	1651	1653	1657	rVV2	13275	33241	1.53%	0.136%
28	20.310	1657	1660	1666	rVB2	9624	23949	1.10%	0.098%
29	20.539	1677	1680	1687	rVB	89186	176646	8.12%	0.722%
30	20.756	1696	1699	1702	rBV2	9948	24786	1.14%	0.101%
31	21.453	1757	1760	1762	rBV	257839	350762	16.13%	1.433%
32	21.796	1787	1790	1794	rBV	293755	389029	17.88%	1.589%
33	21.922	1798	1801	1808	rBV3	34463	76082	3.50%	0.311%
34	22.127	1816	1819	1821	rBV	987323	1456144	66.94%	5.948%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081594.D
Acq On : 11 Sep 2015 21:10
Operator : UM/IZ
Sample : G3511-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09(0-0.16)

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-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	22.162	1821	1822	1825	rVB	19968	27271	1.25%	0.111%
36	22.310	1829	1835	1838	rBV2	37844	90115	4.14%	0.368%
37	22.402	1841	1843	1845	rBV	28392	34580	1.59%	0.141%
38	22.448	1845	1847	1853	rVV2	21985	57179	2.63%	0.234%
39	22.562	1854	1857	1858	rVV2	25946	43456	2.00%	0.178%
40	22.596	1858	1860	1862	rVB	27389	32695	1.50%	0.134%
41	22.882	1881	1885	1887	rVB3	15634	27249	1.25%	0.111%
42	22.973	1890	1893	1895	rBV	34366	41638	1.91%	0.170%
43	23.042	1897	1899	1901	rBV	36525	39768	1.83%	0.162%
44	23.088	1901	1903	1905	rBV2	42791	64386	2.96%	0.263%
45	23.133	1905	1907	1910	rVB2	32180	47867	2.20%	0.196%
46	23.190	1910	1912	1913	rVB	22739	26411	1.21%	0.108%
47	23.225	1913	1915	1918	rVB	21283	29546	1.36%	0.121%
48	23.396	1925	1930	1932	rBV3	375221	848870	39.03%	3.468%
49	23.430	1932	1933	1935	rVB	183478	128869	5.92%	0.526%
50	23.510	1938	1940	1942	rBV2	60650	73157	3.36%	0.299%
51	23.636	1949	1951	1953	rVB2	26049	35695	1.64%	0.146%
52	23.682	1953	1955	1956	rBV	26420	25993	1.19%	0.106%
53	23.842	1967	1969	1971	rVV	38593	60223	2.77%	0.246%
54	23.945	1976	1978	1979	rVV	25323	41887	1.93%	0.171%
55	24.025	1983	1985	1986	rVV2	17779	23536	1.08%	0.096%
56	24.059	1986	1988	1991	rVB2	129931	167599	7.71%	0.685%
57	24.356	2011	2014	2018	rBV3	33893	80988	3.72%	0.331%
58	24.413	2018	2019	2021	rVV2	20933	25630	1.18%	0.105%
59	24.493	2023	2026	2031	rVB	262170	478582	22.00%	1.955%
60	24.585	2032	2034	2036	rVV	44962	41851	1.92%	0.171%
61	24.653	2038	2040	2044	rVV2	108948	262943	12.09%	1.074%
62	24.733	2046	2047	2050	rVV	145415	188931	8.69%	0.772%
63	24.779	2050	2051	2054	rVV	163032	215693	9.92%	0.881%
64	24.836	2054	2056	2061	rVB2	251284	346871	15.95%	1.417%
65	25.076	2074	2077	2082	rVB2	61211	115927	5.33%	0.474%
66	25.236	2089	2091	2093	rBV	95314	141450	6.50%	0.578%
67	25.282	2093	2095	2098	rVB2	31430	60048	2.76%	0.245%
68	25.636	2124	2126	2128	rBV3	16171	29178	1.34%	0.119%
69	25.785	2134	2139	2143	rVB4	47907	118747	5.46%	0.485%
70	25.888	2145	2148	2152	rVV	105781	183113	8.42%	0.748%
71	26.002	2155	2158	2160	rBV3	45523	101882	4.68%	0.416%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081594.D
Acq On : 11 Sep 2015 21:10
Operator : UM/IZ
Sample : G3511-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09(0-0.16)

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-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	26.048	2160	2162	2165	rVV	49007	106549	4.90%	0.435%
73	26.105	2165	2167	2171	rVV3	33785	68133	3.13%	0.278%
74	26.196	2172	2175	2179	rVV	59953	119255	5.48%	0.487%
75	26.288	2180	2183	2187	rVV2	67836	157023	7.22%	0.641%
76	26.368	2187	2190	2192	rVV	18514	44480	2.04%	0.182%
77	26.425	2192	2195	2201	rVB4	27794	68911	3.17%	0.281%
78	26.974	2240	2243	2257	rVB9	27492	106071	4.88%	0.433%
79	27.659	2300	2303	2306	rVB4	16753	37771	1.74%	0.154%
80	27.751	2308	2311	2315	rVB2	15560	33468	1.54%	0.137%
81	27.877	2319	2322	2328	rVV4	17398	61534	2.83%	0.251%

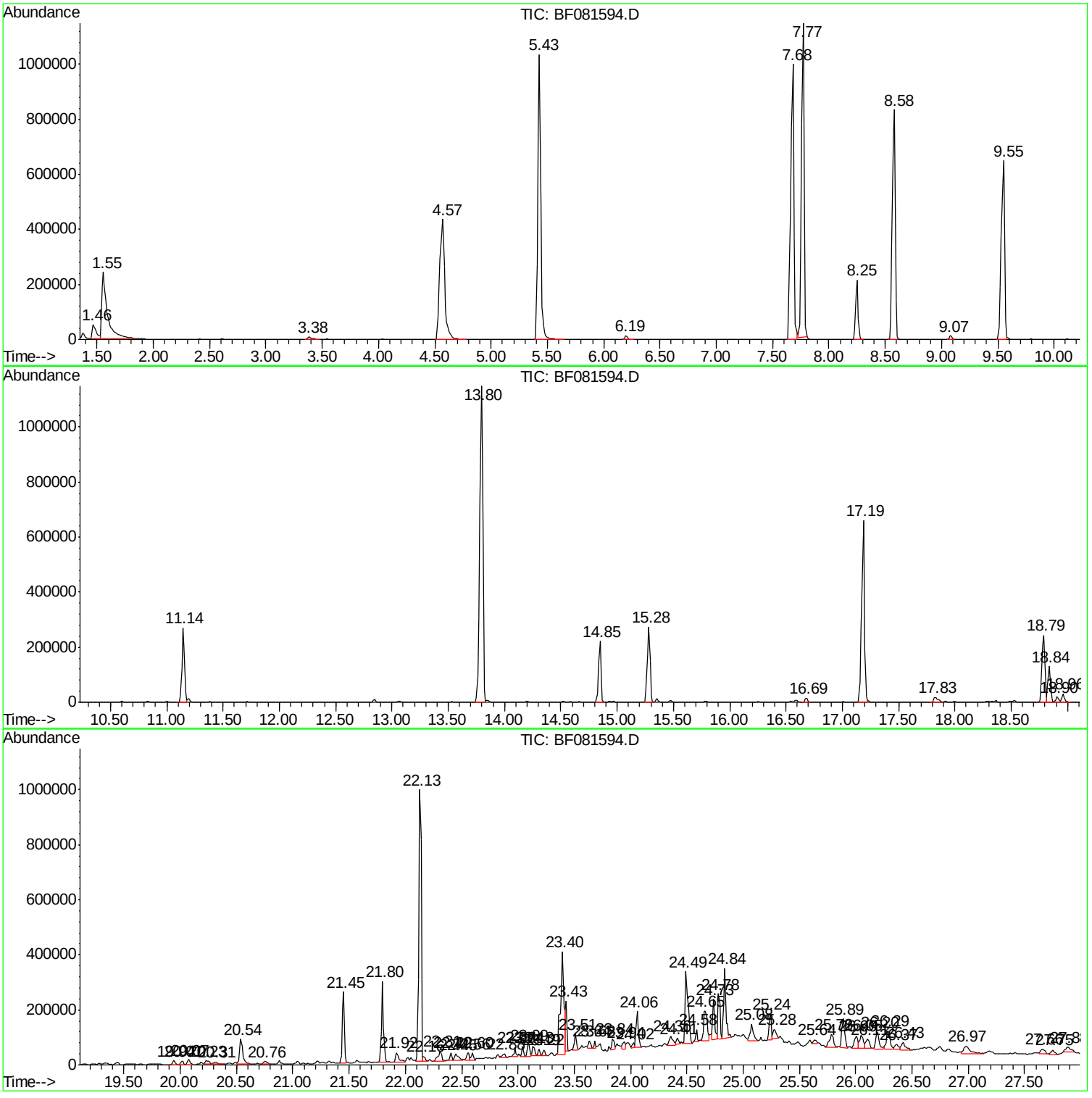
Sum of corrected areas: 24480468

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081594.D
Acq On : 11 Sep 2015 21:10
Operator : UM/IZ
Sample : G3511-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-09(0-0.16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081594.D
Acq On : 11 Sep 2015 21:10
Operator : UM/IZ
Sample : G3511-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09(0-0.16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

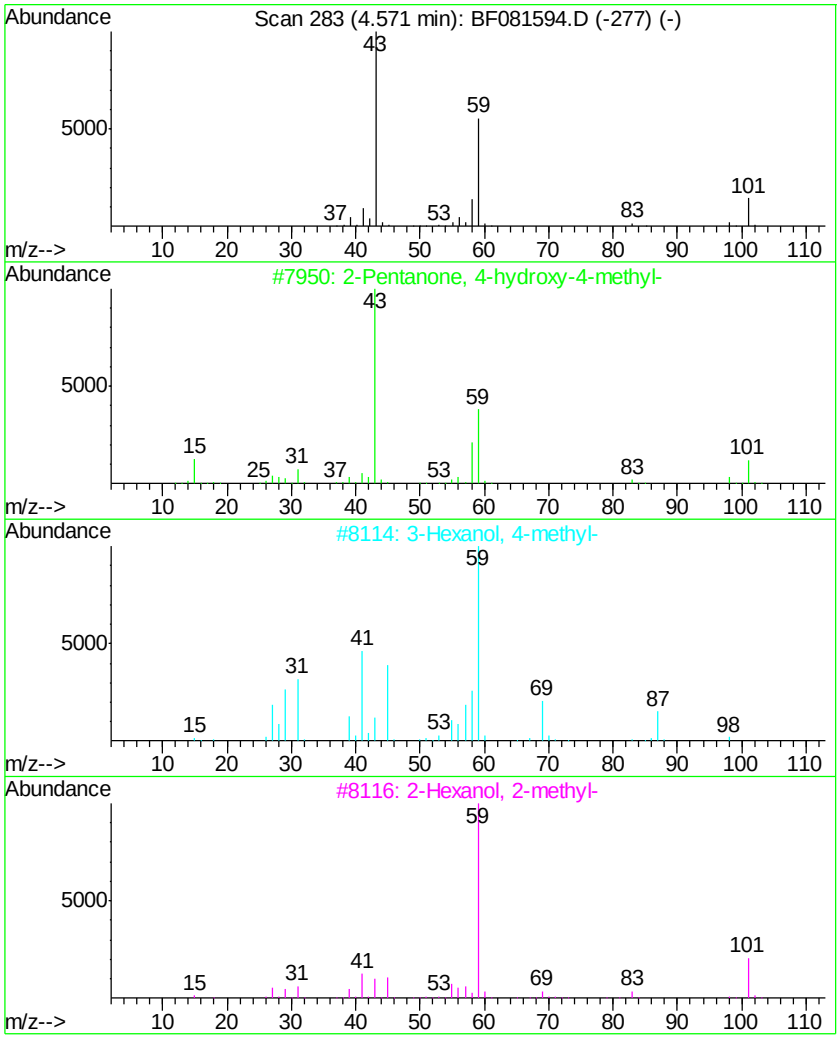
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

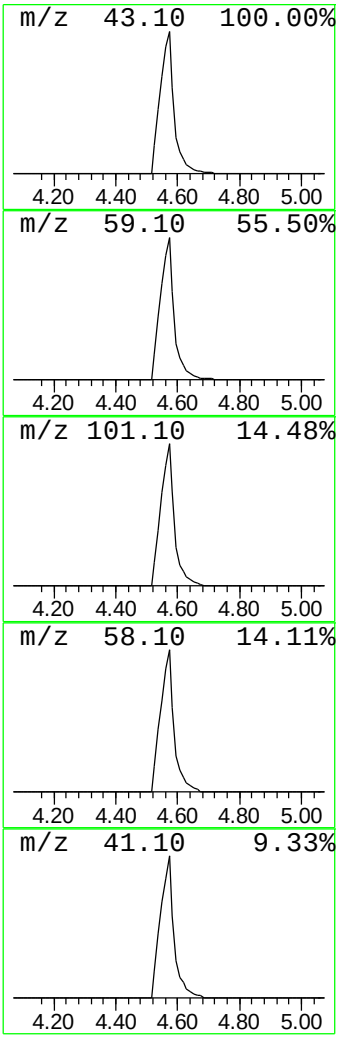
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.57	76.15 ng	1339860	1,4-Dichlorobenzene-d4	8.25

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	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	23





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081594.D
Acq On : 11 Sep 2015 21:10
Operator : UM/IZ
Sample : G3511-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09(0-0.16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

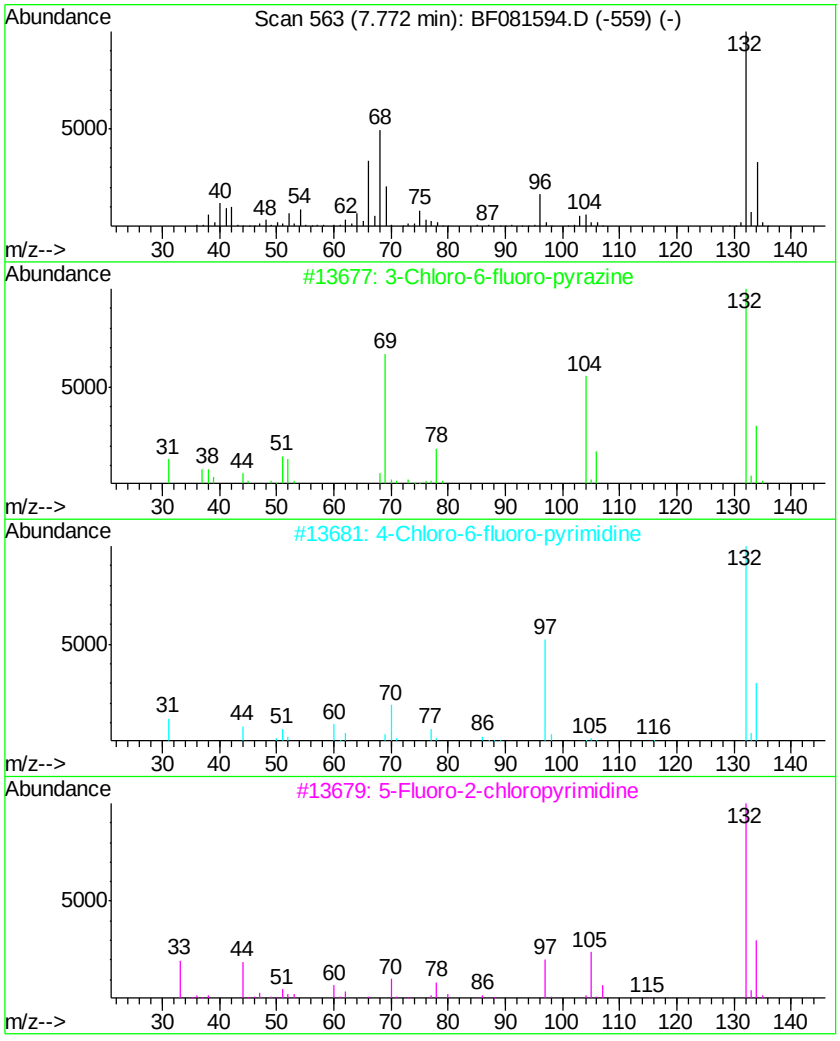
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

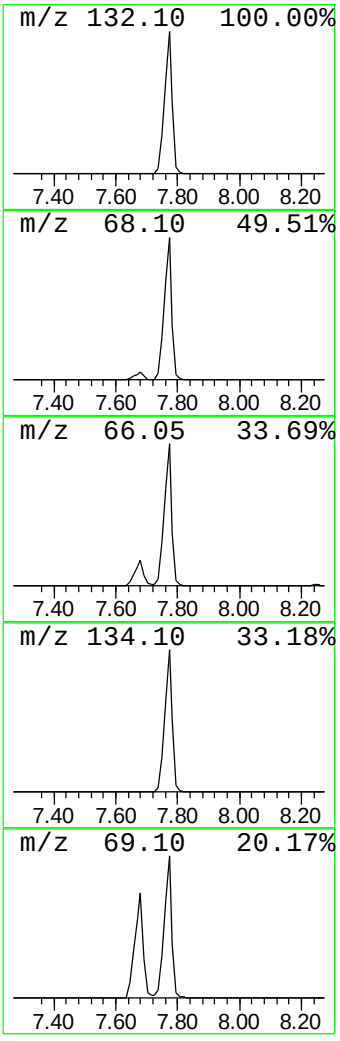
****

Peak Number 4 unknown7.77 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	110.47 ng	1943780	1,4-Dichlorobenzene-d4	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081594.D
Acq On : 11 Sep 2015 21:10
Operator : UM/IZ
Sample : G3511-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09(0-0.16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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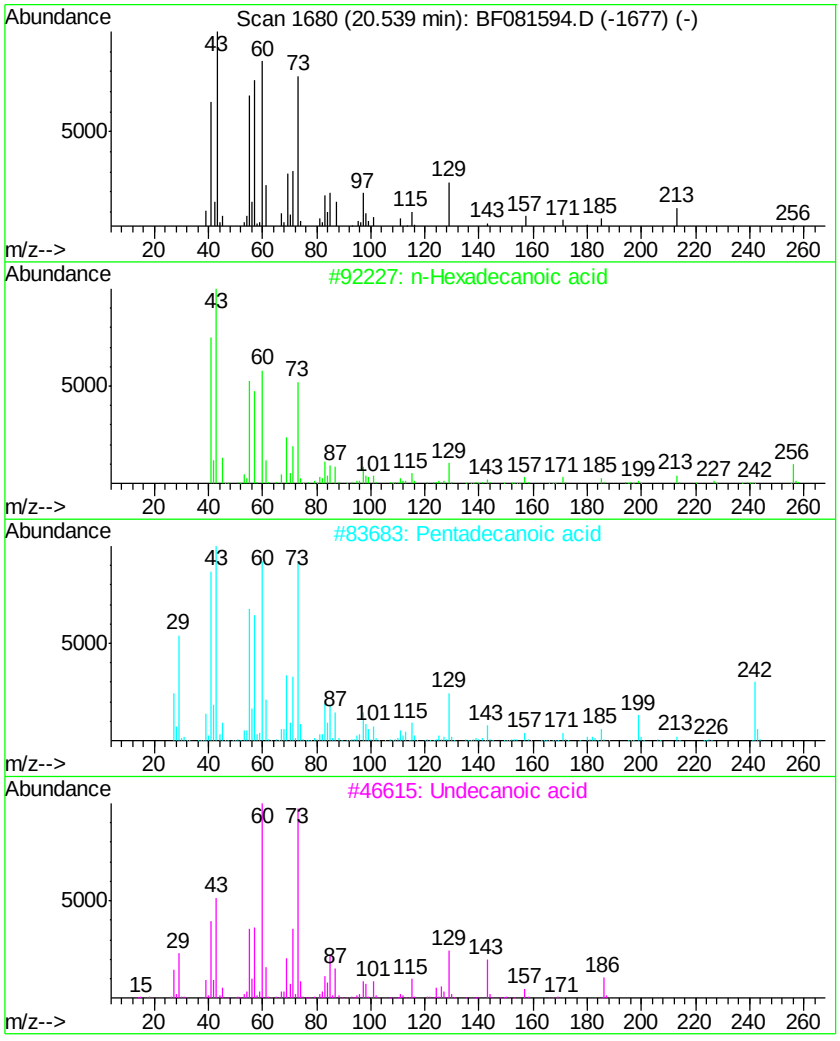
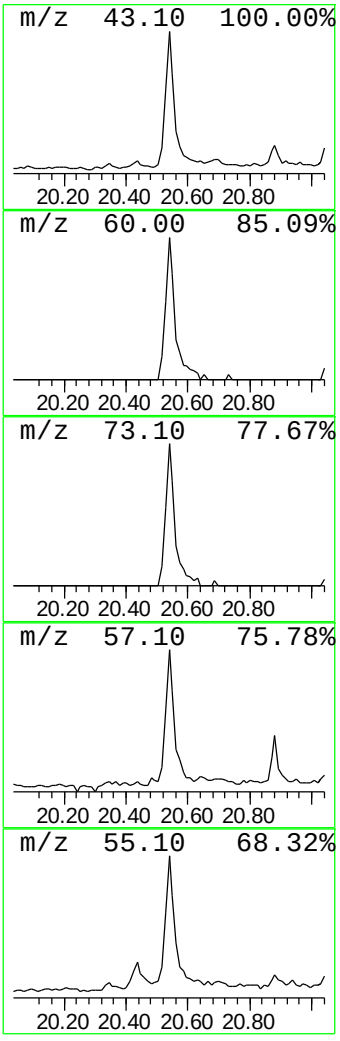
Peak Number 6 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.54	8.26 ng	176646	Phenanthrene-d10	18.79

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	Undecanoic acid	186	C11H22O2	000112-37-8	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	80





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081594.D
Acq On : 11 Sep 2015 21:10
Operator : UM/IZ
Sample : G3511-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09(0-0.16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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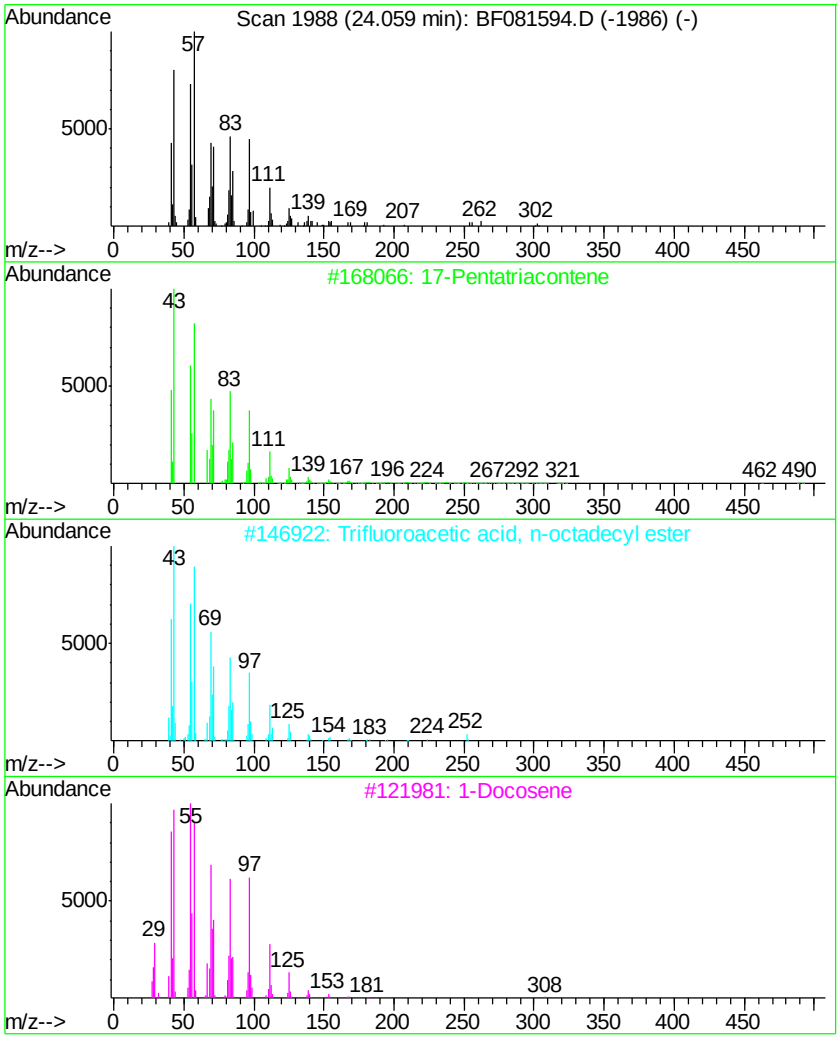
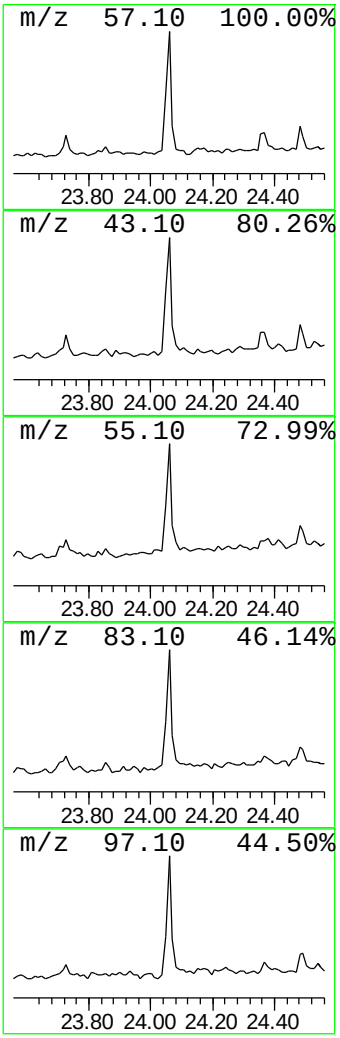
Peak Number 7 17-Pentatriacontene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	3.95 ng	167599	Chrysene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	86
3	1-Docosene	308	C22H44	001599-67-3	74
4	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	74
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081594.D
Acq On : 11 Sep 2015 21:10
Operator : UM/IZ
Sample : G3511-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09(0-0.16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

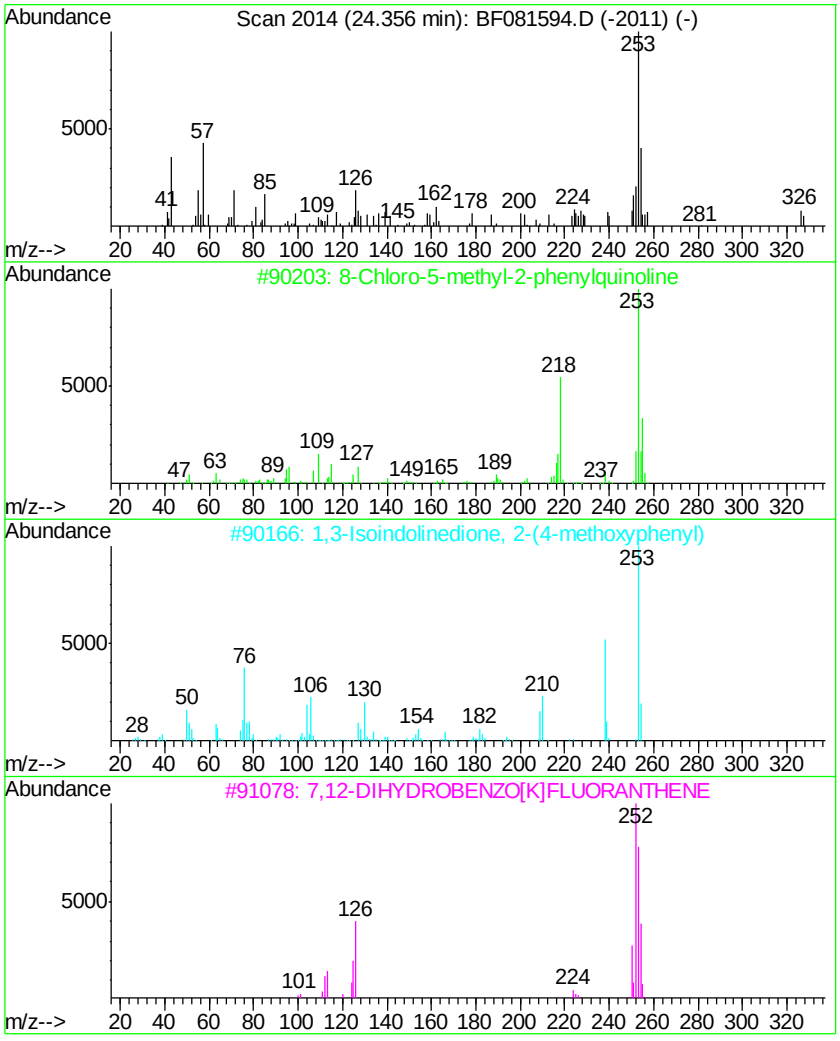
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

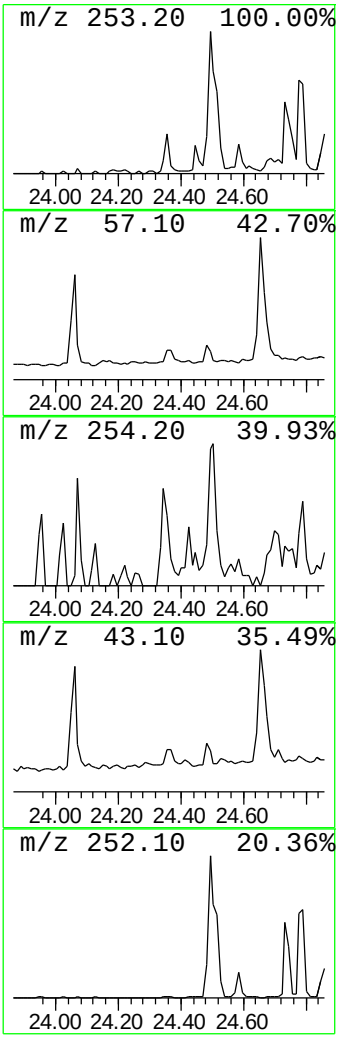
****

Peak Number 8 unknown24.36 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.36	4.67 ng	80988	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Chloro-5-methyl-2-phenylquinoline	253	C16H12ClN	025413-16-5	38
2	1,3-Isoindolinedione, 2-(4-metho...	253	C15H11NO3	002142-04-3	38
3	7,12-DIHYDROBENZO[K]FLUORANTHENE	254	C20H14	1000080-17-7	32
4	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	27
5	4-(5-Methyl-1,1,4-trioxo-2-pheny...	373	C19H19NO5S	1000294-64-6	25





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081594.D
Acq On : 11 Sep 2015 21:10
Operator : UM/IZ
Sample : G3511-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09(0-0.16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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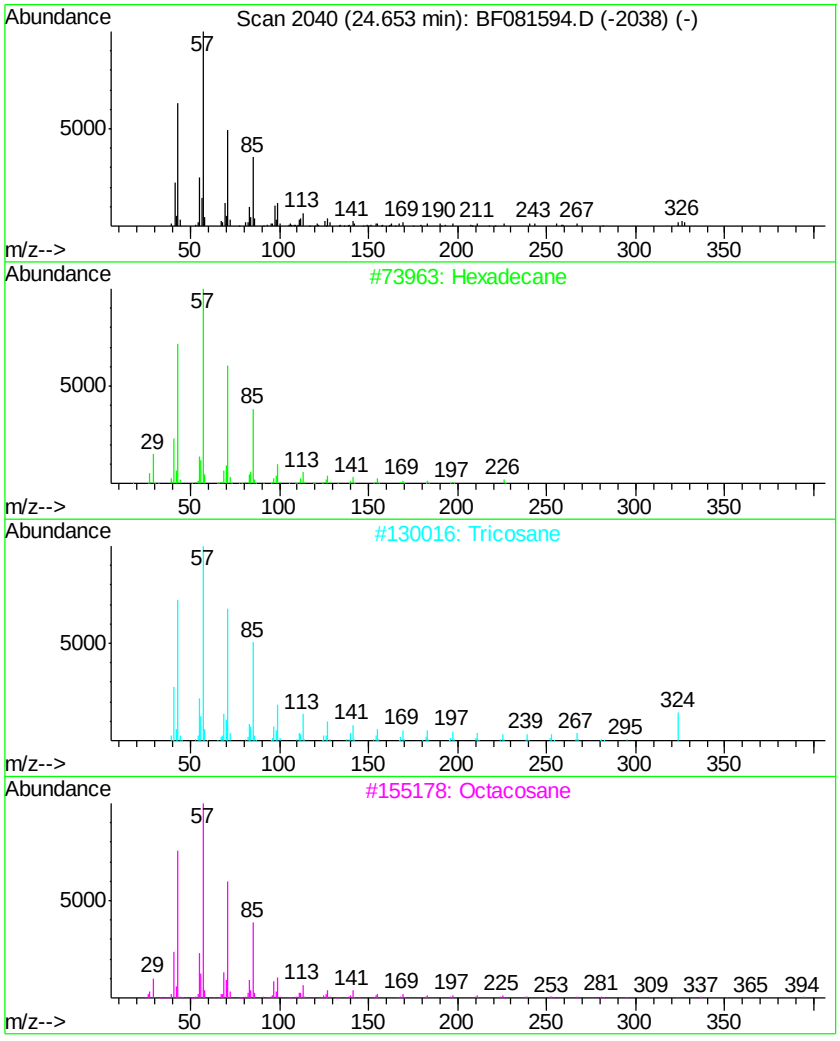
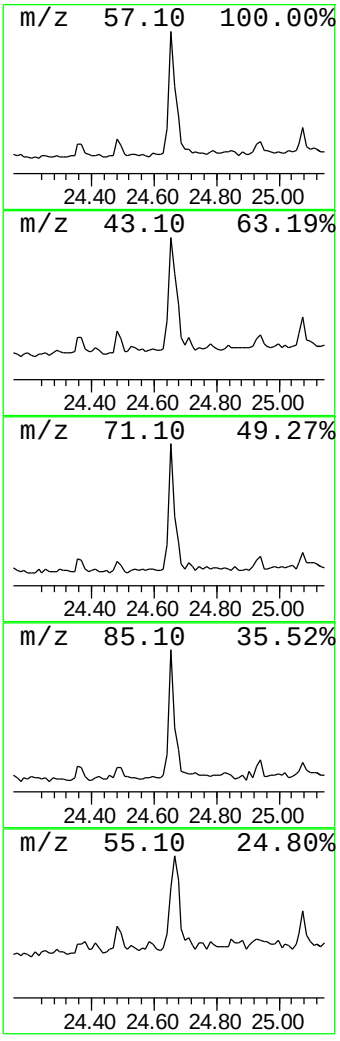
Peak Number 9 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.65	15.16 ng	262943	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Tricosane	324	C23H48	000638-67-5	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83
5	Eicosane	282	C20H42	000112-95-8	83





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081594.D
Acq On : 11 Sep 2015 21:10
Operator : UM/IZ
Sample : G3511-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09(0-0.16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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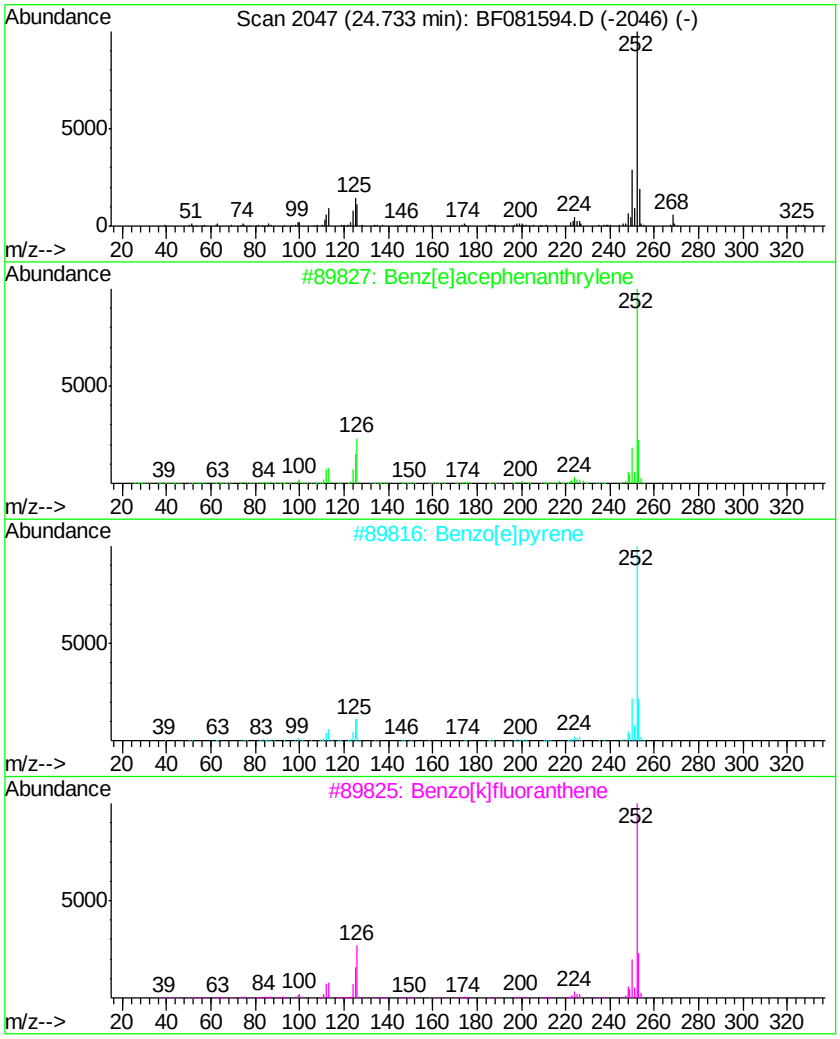
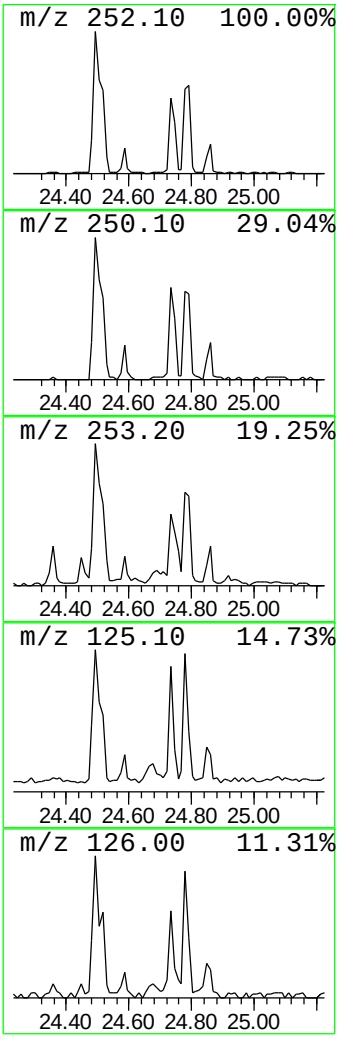
Peak Number 10 Benz[e]acephenanthrylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.73	10.89 ng	188931	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89
5	Perylene	252	C20H12	000198-55-0	89





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081594.D
Acq On : 11 Sep 2015 21:10
Operator : UM/IZ
Sample : G3511-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09(0-0.16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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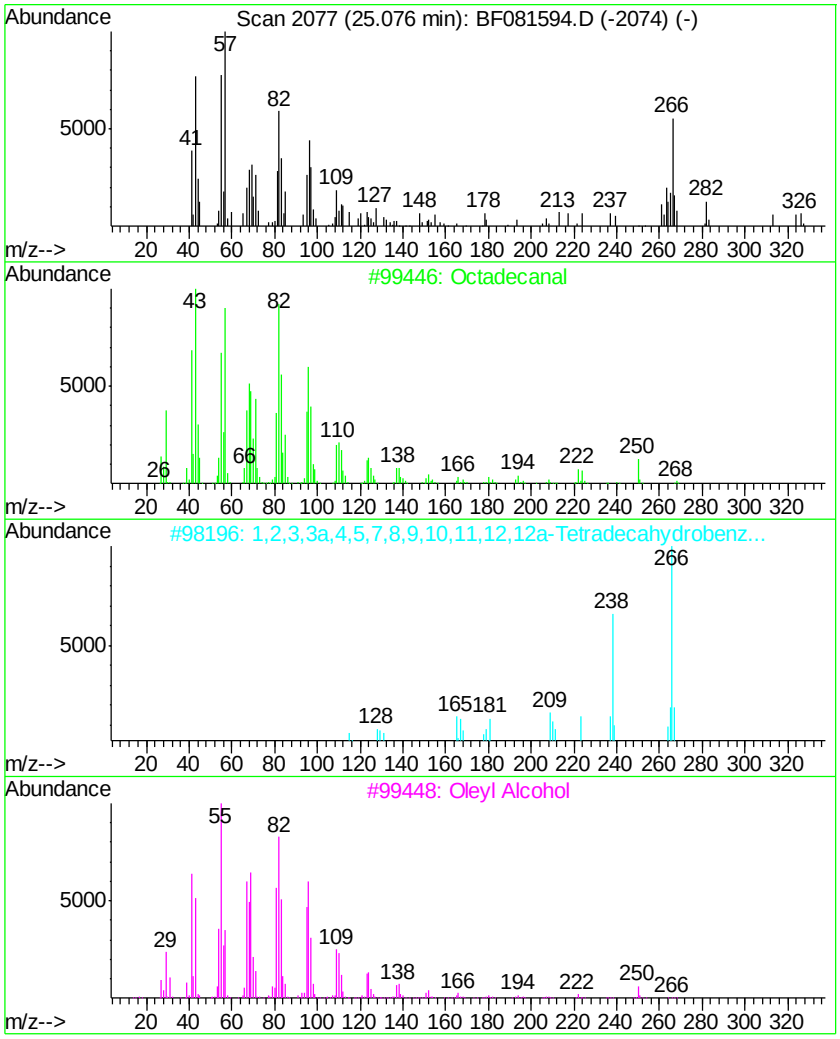
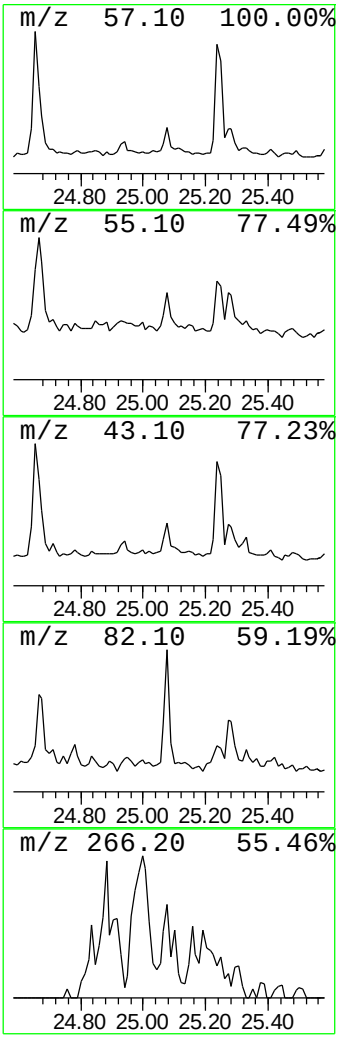
Peak Number 11 unknown25.08 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.08	6.68 ng	115927	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	46
2	1,2,3,3a,4,5,7,8,9,10,11,12,12a-...	266	C20H26	095676-40-7	46
3	Oleyl Alcohol	268	C18H36O	000143-28-2	45
4	1-Oxacyclopentadecan-2-one, 15-i...	266	C17H30O2	089328-44-9	38
5	Cyclopentadecanol	226	C15H30O	004727-17-7	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081594.D
Acq On : 11 Sep 2015 21:10
Operator : UM/IZ
Sample : G3511-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09(0-0.16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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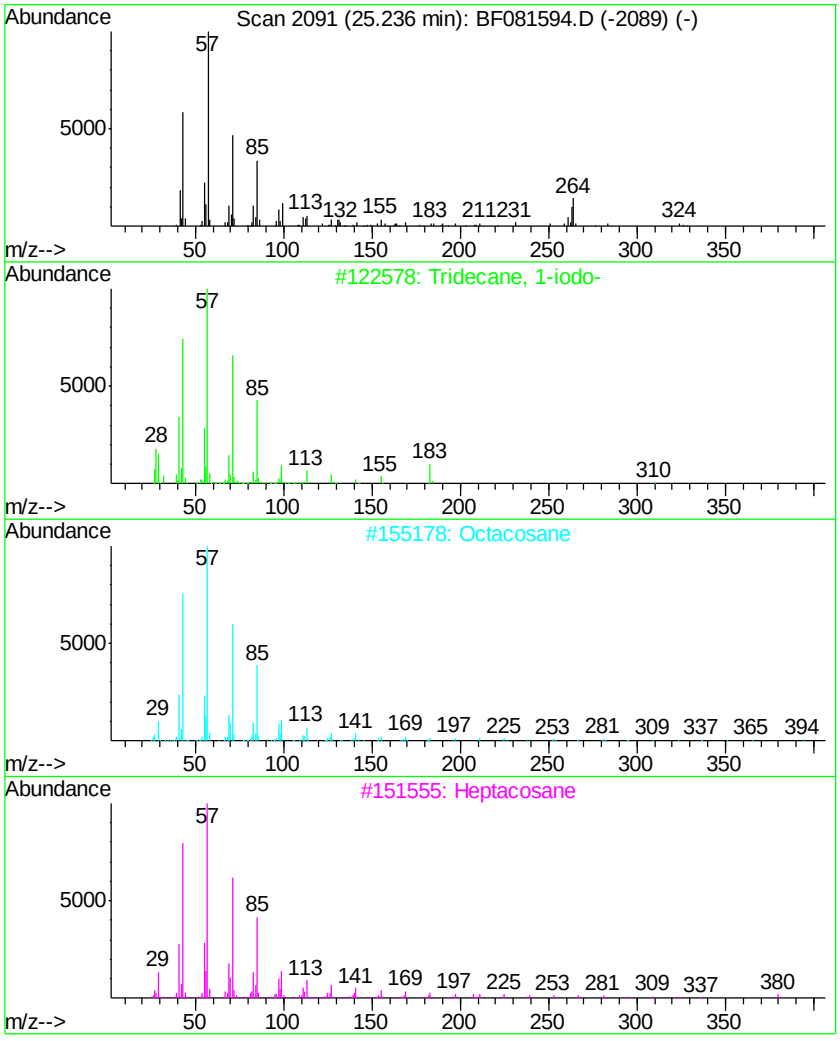
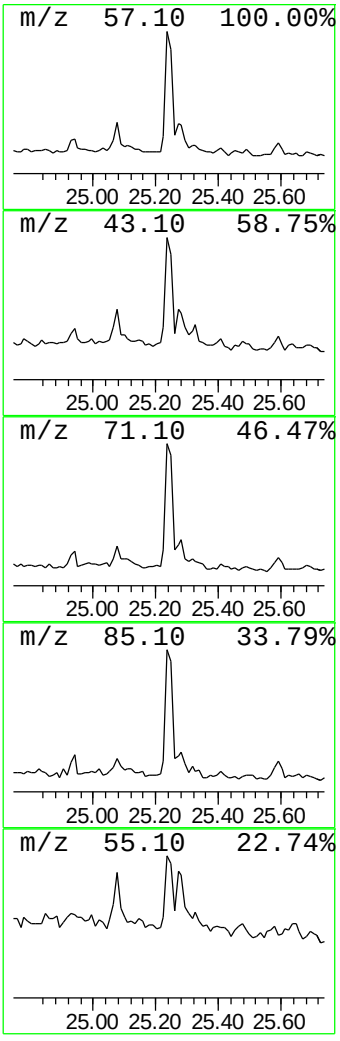
Peak Number 12 Tridecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.24	8.16 ng	141450	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	62
2	Octacosane	394	C28H58	000630-02-4	62
3	Heptacosane	380	C27H56	000593-49-7	58
4	Tetratetracontane	619	C44H90	007098-22-8	58
5	Heneicosane	296	C21H44	000629-94-7	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081594.D
Acq On : 11 Sep 2015 21:10
Operator : UM/IZ
Sample : G3511-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09(0-0.16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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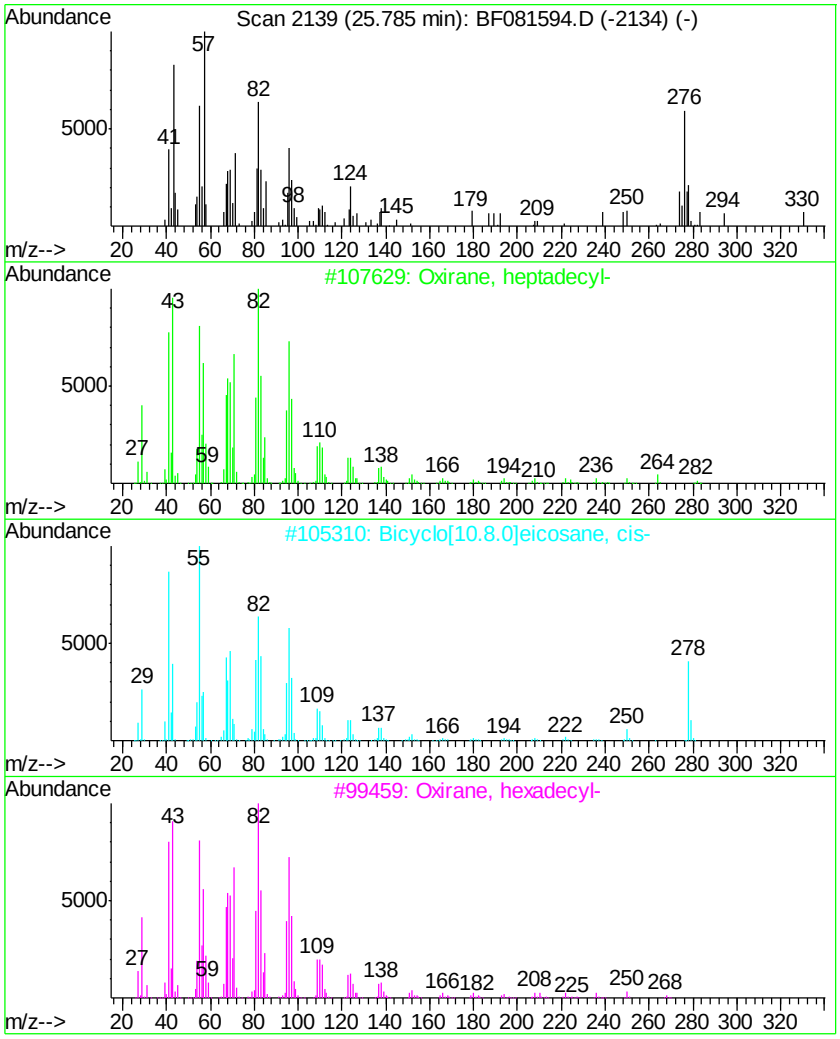
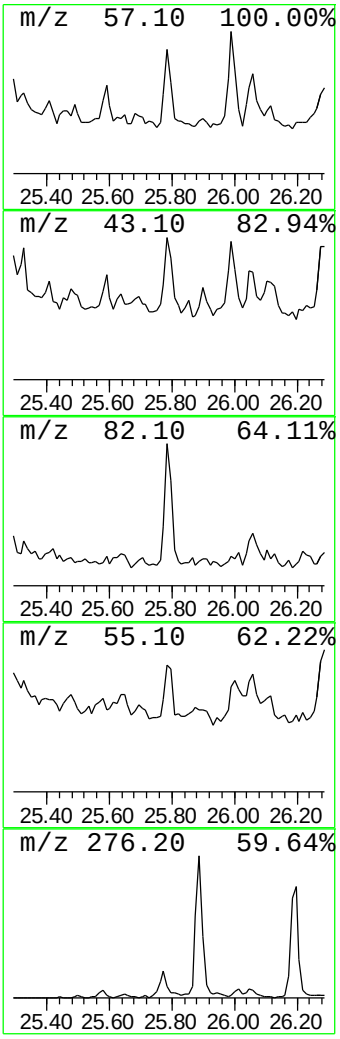
Peak Number 13 Oxirane, heptadecyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.79	6.85 ng	118747	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	95
2	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	62
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	50
4	1,19-Eicosadiene	278	C20H38	014811-95-1	43
5	Octadecanal	268	C18H36O	000638-66-4	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081594.D
Acq On : 11 Sep 2015 21:10
Operator : UM/IZ
Sample : G3511-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09(0-0.16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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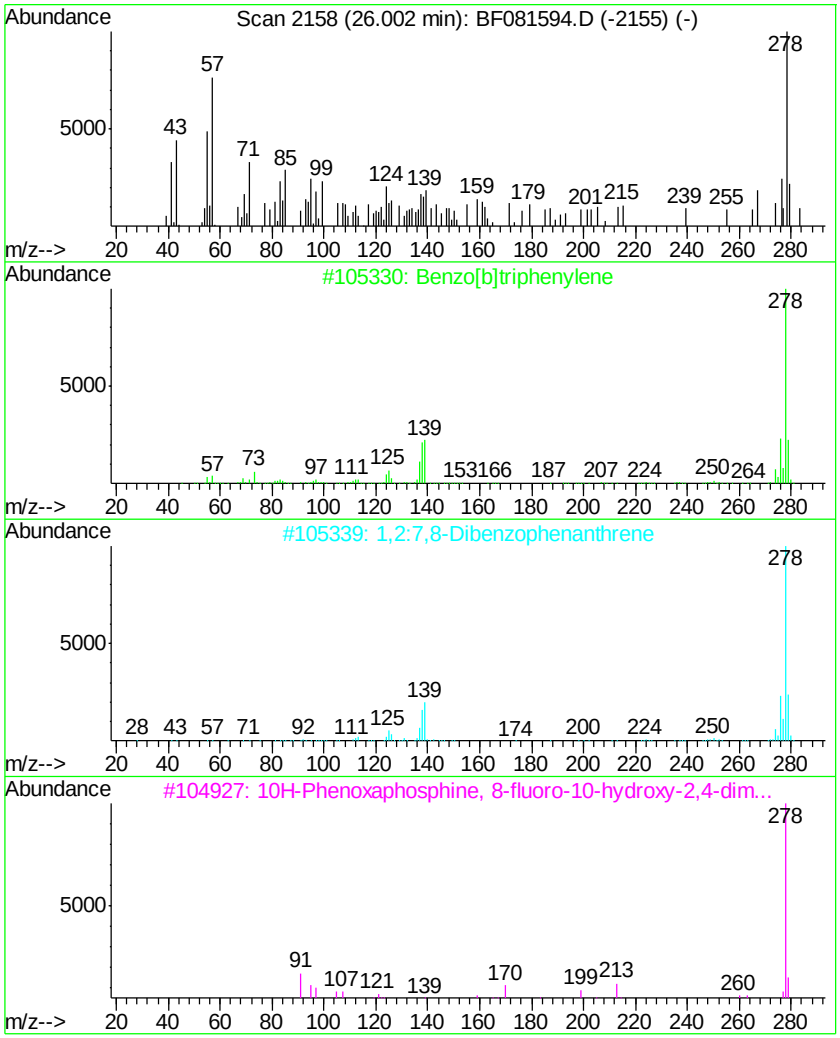
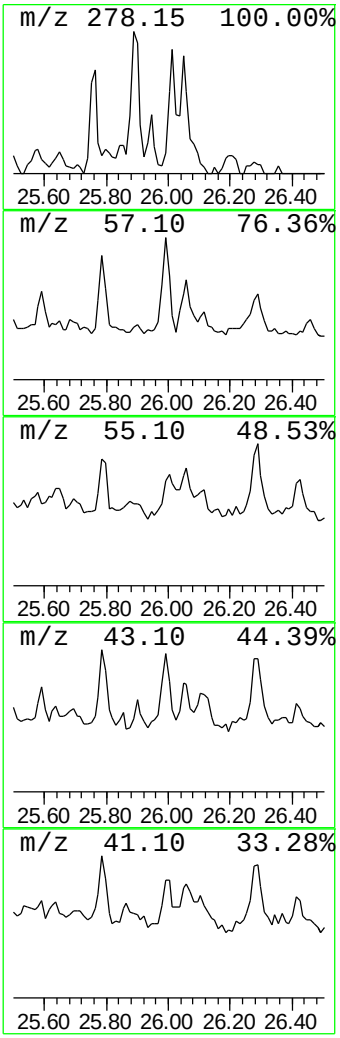
Peak Number 14 Benzo[b]triphenylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.00	5.87 ng	101882	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	50
2	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	49
3	10H-Phenoxaphosphine, 8-fluoro-1...	278	C14H12FO3P	037041-13-7	43
4	7H-Benz[e]inden-7-one, 3-(acetyl...	332	C21H32O3	058673-15-7	43
5	Benzo[b]naphtho[2,3-d]thiophene,...	278	C19H18S	024964-01-0	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081594.D
Acq On : 11 Sep 2015 21:10
Operator : UM/IZ
Sample : G3511-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09(0-0.16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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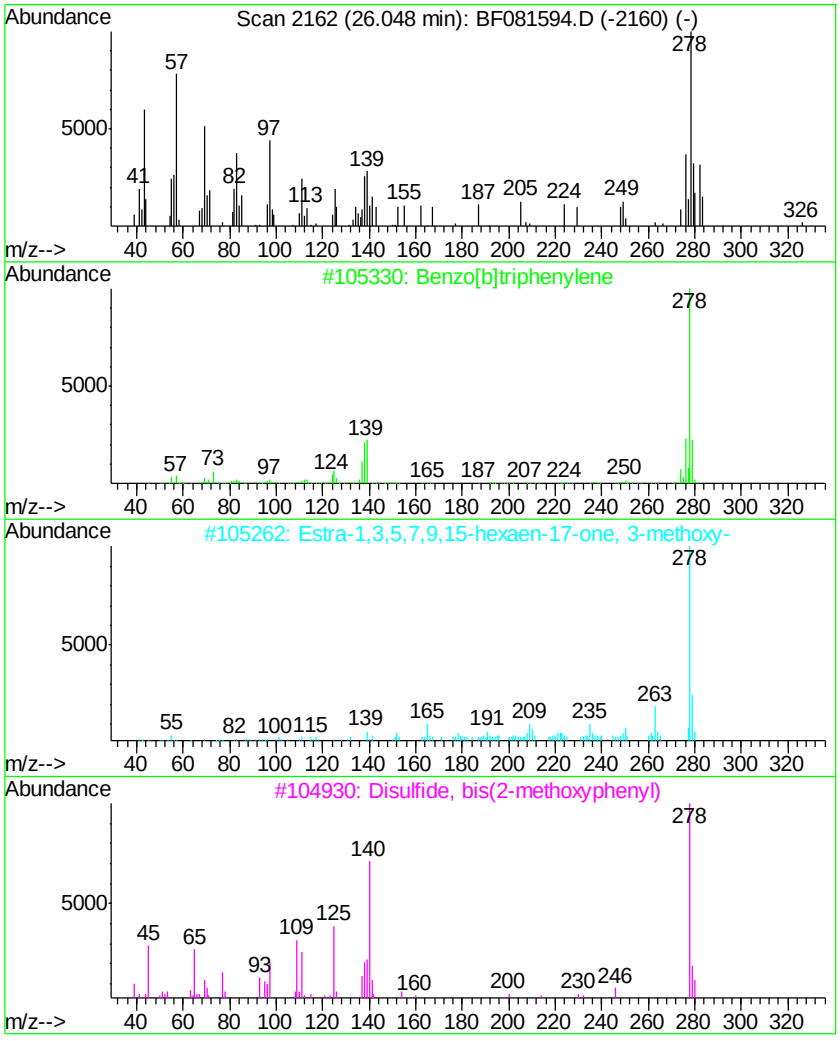
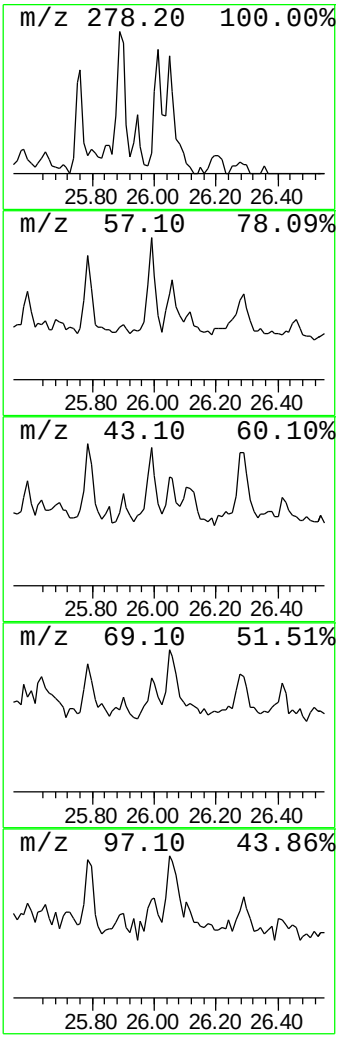
Peak Number 15 unknown26.05 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.05	6.14 ng	106549	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	45
2	Estra-1,3,5,7,9,15-hexaen-17-one...	278	C19H18O2	056588-53-5	43
3	Disulfide, bis(2-methoxyphenyl)	278	C14H14O2S2	013920-94-0	43
4	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	41
5	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	41





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
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Operator : UM/IZ
Sample : G3511-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09(0-0.16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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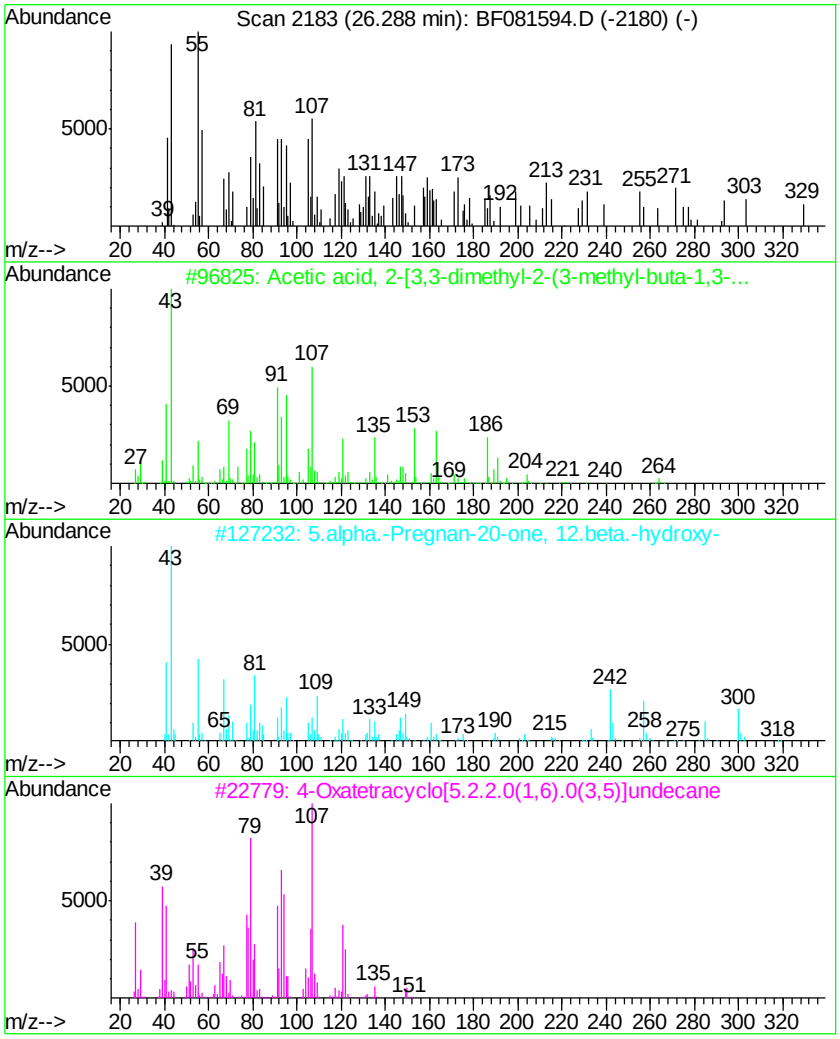
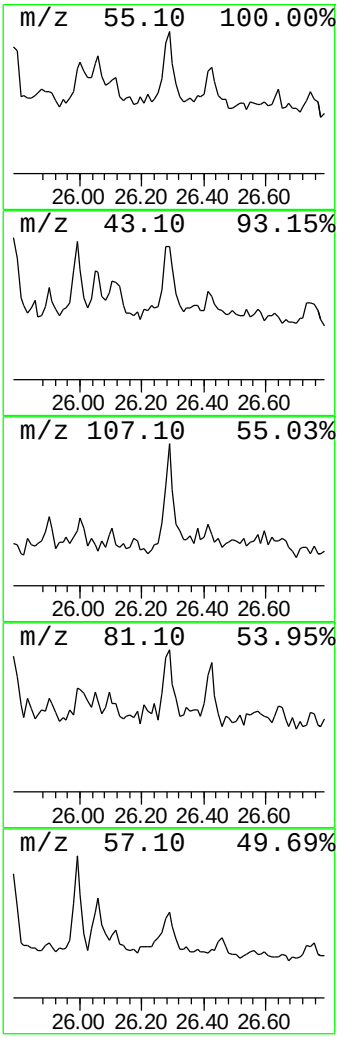
Peak Number 17 unknown26.29 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.29	9.05 ng	157023	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 2-[3,3-dimethyl-2-(...	264	C16H24O3	1000192-67-9	35
2	5.alpha.-Pregnan-20-one, 12.beta...	318	C21H34O2	005618-22-4	12
3	4-Oxatetracyclo[5.2.2.0(1,6).0(3...	150	C10H14O	1000191-69-9	11
4	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	11
5	4-Methylphenoxyacetonitrile	147	C9H9NO	033901-44-9	10





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Data File : BF081594.D
Acq On : 11 Sep 2015 21:10
Operator : UM/IZ
Sample : G3511-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09(0-0.16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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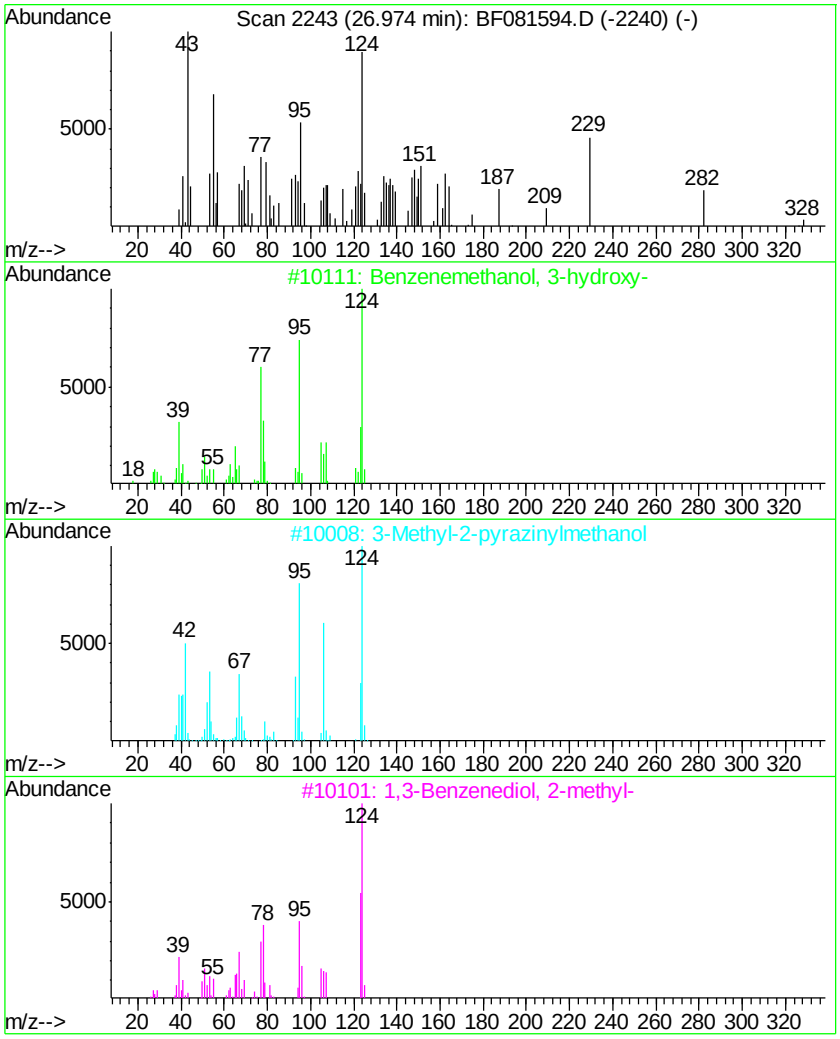
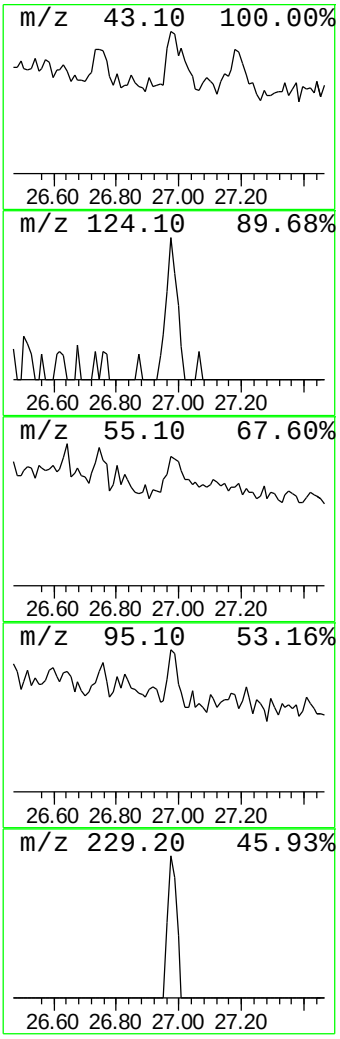
Peak Number 19 unknown26.97 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.97	6.12 ng	106071	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, 3-hydroxy-	124	C7H8O2	000620-24-6	30
2	3-Methyl-2-pyrazinylmethanol	124	C6H8N2O	160818-32-6	30
3	1,3-Benzenediol, 2-methyl-	124	C7H8O2	000608-25-3	27
4	4H-Pyran-4-one, 2,6-dimethyl-	124	C7H8O2	001004-36-0	27
5	5-Acetoxymethylbicyclo[2.2.1]hep...	224	C12H16O4	1000190-82-5	22





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Data File : BF081594.D
Acq On : 11 Sep 2015 21:10
Operator : UM/IZ
Sample : G3511-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-09(0-0.16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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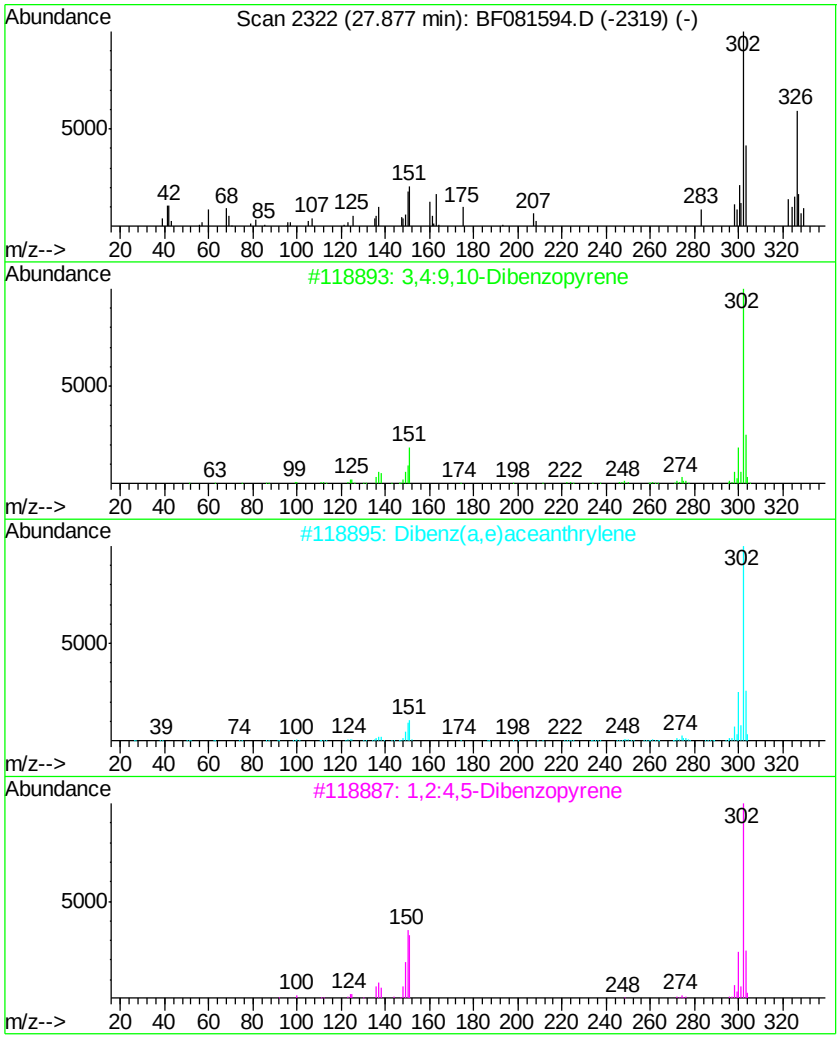
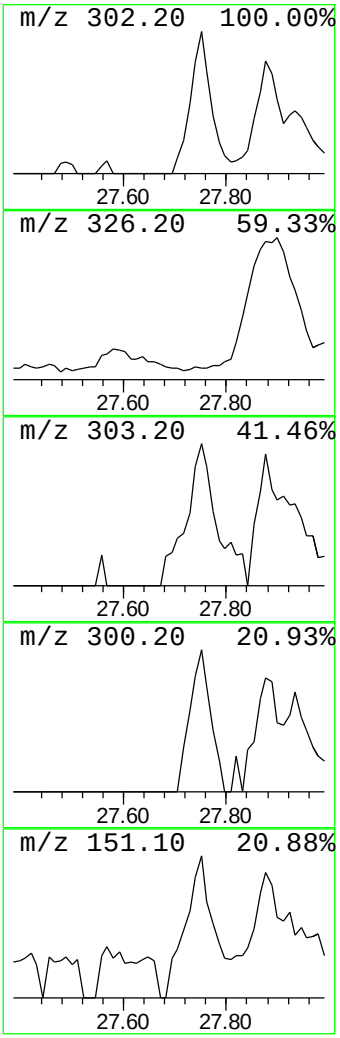
Peak Number 20 unknown27.88 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.88	3.55 ng	61534	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	38
2	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	38
3	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	35
4	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	35
5	4-Nitro-2-[(3-nitro-phenyl)-hydr...	302	C13H10N4O5	1000294-11-0	23





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081594.D
Acq On : 11 Sep 2015 21:10
Operator : UM/IZ
Sample : G3511-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09(0-0.16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.57	76.2	ng	1339860	1	8.25	351915	20.0
unknown7.77	7.77	110.5	ng	1943780	1	8.25	351915	20.0
n-Hexadecanoic acid	20.54	8.3	ng	176646	4	18.79	427687	20.0
17-Pentatriacontene	24.06	4.0	ng	167599	5	23.40	848870	20.0
unknown24.36	24.36	4.7	ng	80988	6	24.84	346871	20.0
Hexadecane	24.65	15.2	ng	262943	6	24.84	346871	20.0
Benz[e]acephenant...	24.73	10.9	ng	188931	6	24.84	346871	20.0
unknown25.08	25.08	6.7	ng	115927	6	24.84	346871	20.0
Tridecane, 1-iodo-	25.24	8.2	ng	141450	6	24.84	346871	20.0
Oxirane, heptadecyl-	25.79	6.8	ng	118747	6	24.84	346871	20.0
Benzo[b]triphenylene	26.00	5.9	ng	101882	6	24.84	346871	20.0
unknown26.05	26.05	6.1	ng	106549	6	24.84	346871	20.0
unknown26.29	26.29	9.1	ng	157023	6	24.84	346871	20.0
unknown26.97	26.97	6.1	ng	106071	6	24.84	346871	20.0
unknown27.88	27.88	3.5	ng	61534	6	24.84	346871	20.0