LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105087.D
Acq On : 3 May 2018 21:52
Operator : JU/SJ
Sample : J2615-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PLANTER-AREAS-PRECHAR

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-BF040618.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	4.975	488	491	501	rBV	6514	10148	1.06%	0.080%
2	5.410	561	565	583	rBV	140209	366183	38.10%	2.874%
3	6.439	736	740	757	rBV	178056	415498	43.23%	3.261%
4	6.557	757	760	774	rVB	357217	485401	50.50%	3.809%
5	6.775	794	797	813	rBV	556820	599510	62.37%	4.705%
6	6.933	820	824	838	rBV	338392	380318	39.57%	2.985%
7	7.351	891	895	911	rBV	166563	269482	28.04%	2.115%
8	8.063	1013	1016	1036	rBV	751350	831774	86.53%	6.528%
9	9.139	1195	1199	1209	rBV	539217	549478	57.17%	4.312%
10	9.480	1253	1257	1260	rBV	9603	10085	1.05%	0.079%
11	9.539	1264	1267	1272	rVB	32242	33798	3.52%	0.265%
12	9.686	1285	1292	1295	rBV	11602	13567	1.41%	0.106%
13	9.822	1311	1315	1319	rBV	874526	863902	89.88%	6.780%
14	9.851	1319	1320	1328	rVB	46405	36304	3.78%	0.285%
15	10.033	1347	1351	1354	rBV2	12081	15824	1.65%	0.124%
16	10.239	1383	1386	1389	rVB2	18856	17080	1.78%	0.134%
17	10.374	1406	1409	1413	rVB2	17667	17395	1.81%	0.137%
18	10.527	1433	1435	1441	rVB	13957	13376	1.39%	0.105%
19	10.616	1446	1450	1459	rBV	269535	292460	30.43%	2.295%
20	10.710	1463	1466	1471	rBV2	16987	20891	2.17%	0.164%
21	10.921	1494	1502	1504	rBV6	8402	12894	1.34%	0.101%
22	11.045	1518	1523	1524	rBV3	12395	14627	1.52%	0.115%
23	11.068	1524	1527	1532	rVV5	13940	20186	2.10%	0.158%
24	11.127	1533	1537	1539	rVV2	18939	20665	2.15%	0.162%
25	11.163	1539	1543	1546	rVV2	24607	34435	3.58%	0.270%
26	11.210	1549	1551	1556	rVB	19348	17616	1.83%	0.138%
27	11.310	1564	1568	1570	rBV	819551	705794	73.43%	5.539%
28	11.333	1570	1572	1578	rVV	416353	379081	39.44%	2.975%
29	11.392	1578	1582	1587	rVV	80407	95242	9.91%	0.747%
30	11.557	1608	1610	1613	rBV	16560	16785	1.75%	0.132%
31	11.651	1622	1626	1630	rVB4	11519	14277	1.49%	0.112%
32	11.816	1651	1654	1655	rBV	53902	50279	5.23%	0.395%
33	11.845	1655	1659	1664	rVV2	82811	122620	12.76%	0.962%
34	11.892	1664	1667	1670	rVV	32225	32460	3.38%	0.255%

LSC Area Percent Report

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Acq On : 3 May 2018 21:52
Operator : JU/SJ
Sample : J2615-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PLANTER-AREAS-PRECHAR

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-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.927	1670	1673	1675	rVV2	80200	88067	9.16%	0.691%
36	11.951	1675	1677	1682	rVB	40442	38168	3.97%	0.300%
37	12.110	1700	1704	1708	rBV	45260	41959	4.37%	0.329%
38	12.151	1708	1711	1714	rVV	21294	21993	2.29%	0.173%
39	12.257	1726	1729	1733	rBV2	12413	11669	1.21%	0.092%
40	12.363	1743	1747	1749	rBV	39149	39498	4.11%	0.310%
41	12.404	1750	1754	1756	rVV4	23569	31899	3.32%	0.250%
42	12.457	1759	1763	1766	rBV2	41267	43292	4.50%	0.340%
43	12.527	1771	1775	1780	rBV	731522	638451	66.42%	5.011%
44	12.592	1784	1786	1789	rBV2	14324	13027	1.36%	0.102%
45	12.621	1789	1791	1797	rVB7	12931	17364	1.81%	0.136%
46	12.680	1797	1801	1804	rBV2	31936	34593	3.60%	0.271%
47	12.757	1808	1814	1820	rBV	591219	656635	68.31%	5.153%
48	12.810	1820	1823	1827	rVB2	36213	42199	4.39%	0.331%
49	12.898	1830	1838	1841	rBV	394555	417114	43.39%	3.274%
50	12.927	1841	1843	1846	rVB2	21313	22102	2.30%	0.173%
51	12.986	1847	1853	1858	rBV4	38189	67356	7.01%	0.529%
52	13.027	1858	1860	1863	rVB3	9949	11561	1.20%	0.091%
53	13.092	1863	1871	1874	rBV2	75287	142458	14.82%	1.118%
54	13.157	1880	1882	1885	rBV	39582	34760	3.62%	0.273%
55	13.198	1885	1889	1896	rVV3	59617	84165	8.76%	0.661%
56	13.257	1896	1899	1902	rVB2	12306	12106	1.26%	0.095%
57	13.292	1902	1905	1908	rBV	38644	39660	4.13%	0.311%
58	13.327	1908	1911	1917	rBV3	45358	58899	6.13%	0.462%
59	13.474	1934	1936	1938	rBV2	11313	12130	1.26%	0.095%
60	13.527	1943	1945	1948	rVB	16105	15074	1.57%	0.118%
61	13.621	1958	1961	1968	rVB	55140	61925	6.44%	0.486%
62	13.733	1977	1980	1982	rBV	56094	52895	5.50%	0.415%
63	13.757	1982	1984	1987	rVV	50539	52389	5.45%	0.411%
64	13.792	1987	1990	1991	rVV	42093	45842	4.77%	0.360%
65	13.815	1991	1994	1997	rVV2	54780	85532	8.90%	0.671%
66	13.845	1997	1999	2005	rVB2	62614	82473	8.58%	0.647%
67	13.998	2017	2025	2028	rBV2	674800	961214	100.00%	7.544%
68	14.027	2028	2030	2035	rVV	291023	289480	30.12%	2.272%
69	14.092	2038	2041	2042	rVV2	22481	21806	2.27%	0.171%
70	14.115	2042	2045	2049	rVB	31309	34068	3.54%	0.267%
71	14.233	2062	2065	2067	rBV2	19005	22749	2.37%	0.179%

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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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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.386	2088	2091	2093	rBV3	16213	20944	2.18%	0.164%
73	14.421	2095	2097	2100	rVB2	51793	48377	5.03%	0.380%
74	14.462	2102	2104	2106	rVB	25976	19733	2.05%	0.155%
75	14.498	2108	2110	2114	rBV4	26248	34168	3.55%	0.268%
76	14.956	2186	2188	2191	rBV2	28014	33404	3.48%	0.262%
77	15.121	2211	2216	2219	rBV	206044	333873	34.73%	2.620%
78	15.233	2232	2235	2240	rVB	38201	42153	4.39%	0.331%
79	15.421	2264	2267	2274	rVB	124684	148515	15.45%	1.166%
80	15.486	2274	2278	2283	rBV	162779	210387	21.89%	1.651%
81	15.551	2284	2289	2293	rBV	350026	466969	48.58%	3.665%
82	17.033	2535	2541	2552	rBV2	64848	152435	15.86%	1.196%
83	17.480	2613	2617	2626	rVB2	53207	105117	10.94%	0.825%

Sum of corrected areas: 12742082

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105087.D
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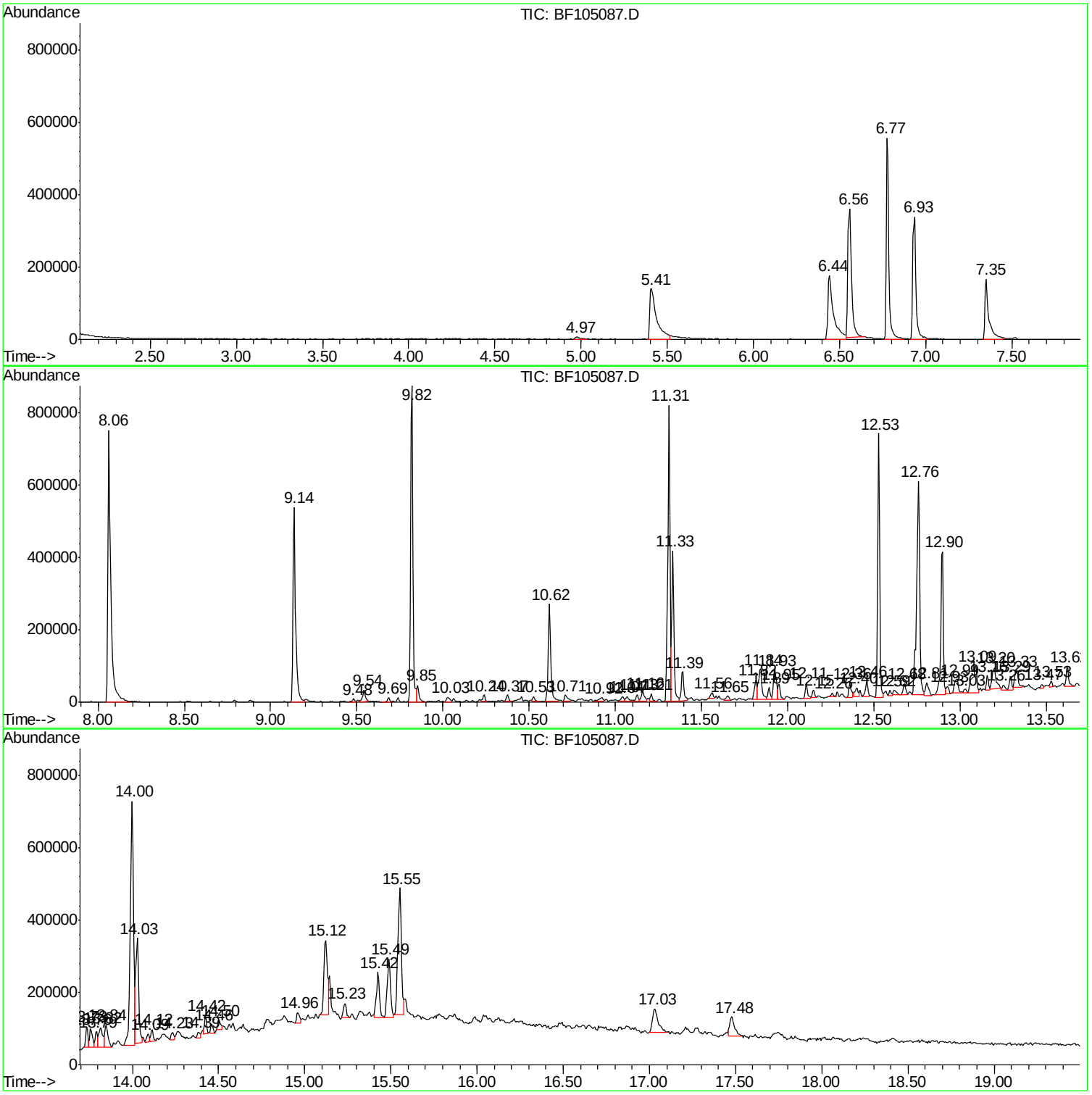
Operator : JU/SJ
Sample : J2615-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PLANTER-AREAS-PRECHAR

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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\BF050318\
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Operator : JU/SJ
Sample : J2615-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PLANTER-AREAS-PRECHAR

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

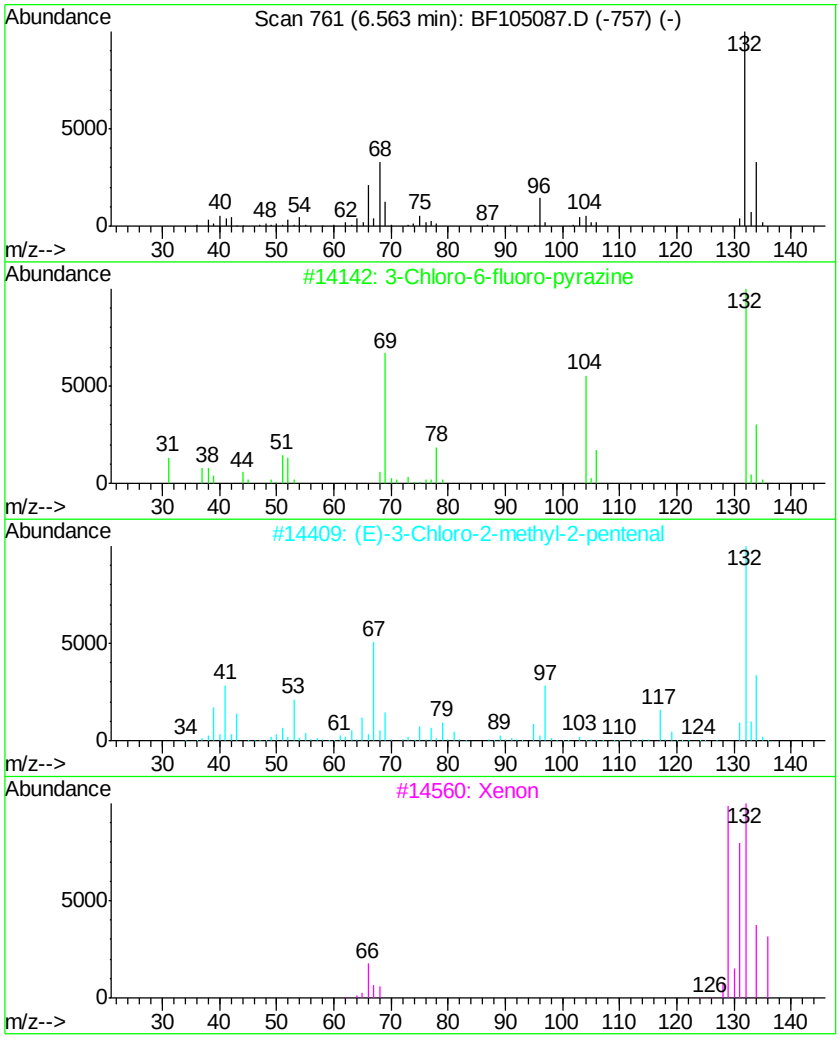
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

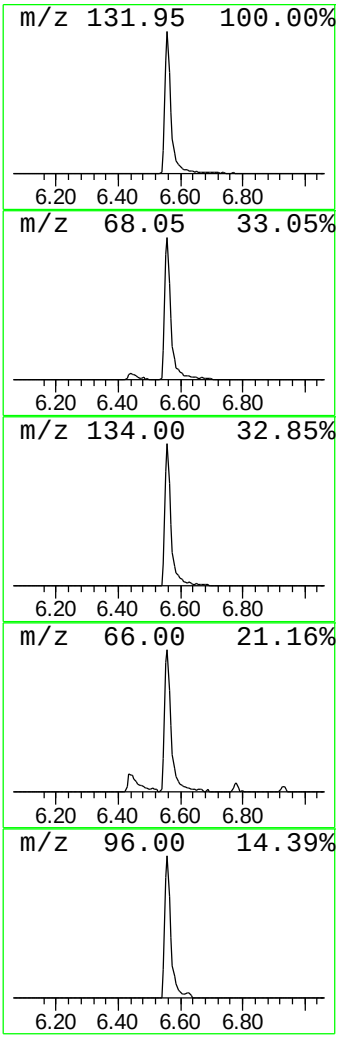
****

Peak Number 1 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	16.19 ng	485401	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Xenon	132	Xe	007440-63-3	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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Instrument : BNA_F
ClientSampleId : PLANTER-AREAS-PRECHAR

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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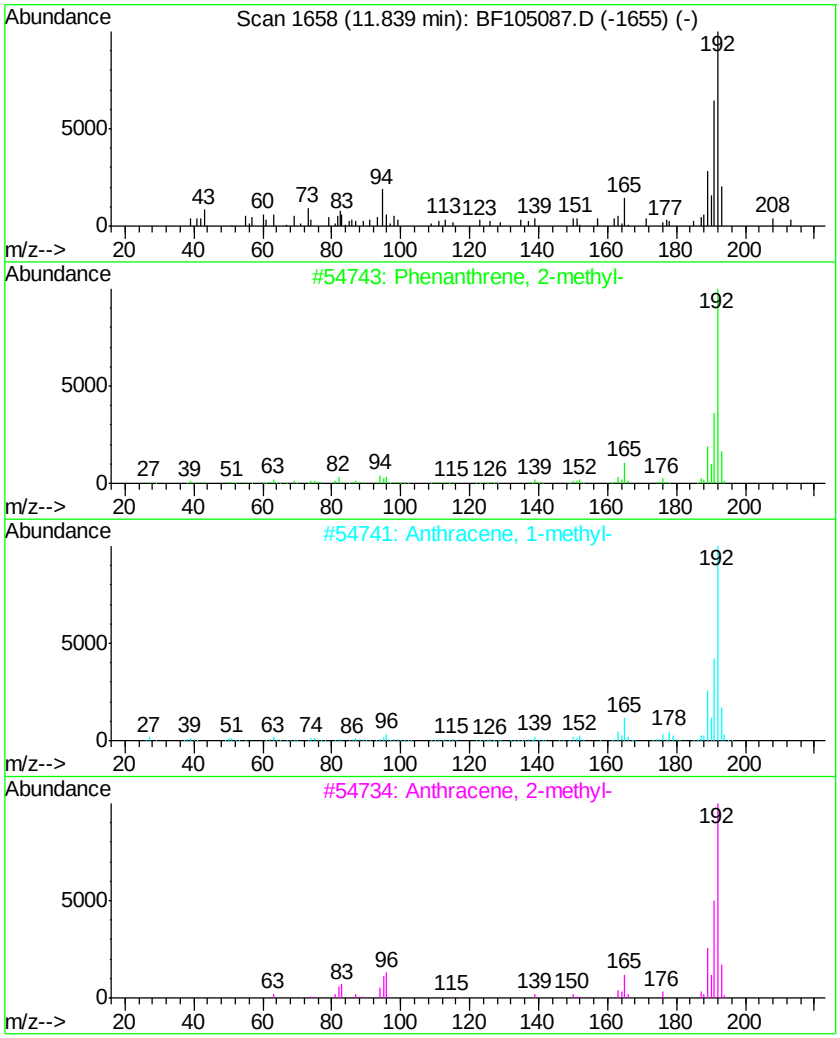
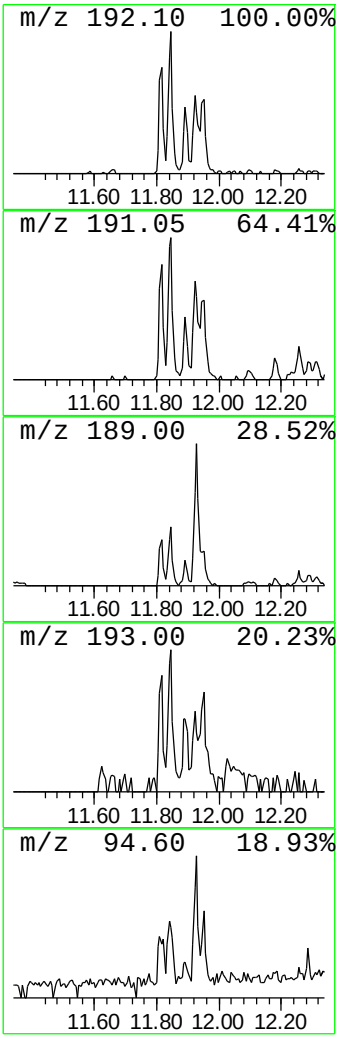
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	3.47 ng	122620	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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TIC Library : C:\DATABASE\NIST11.L
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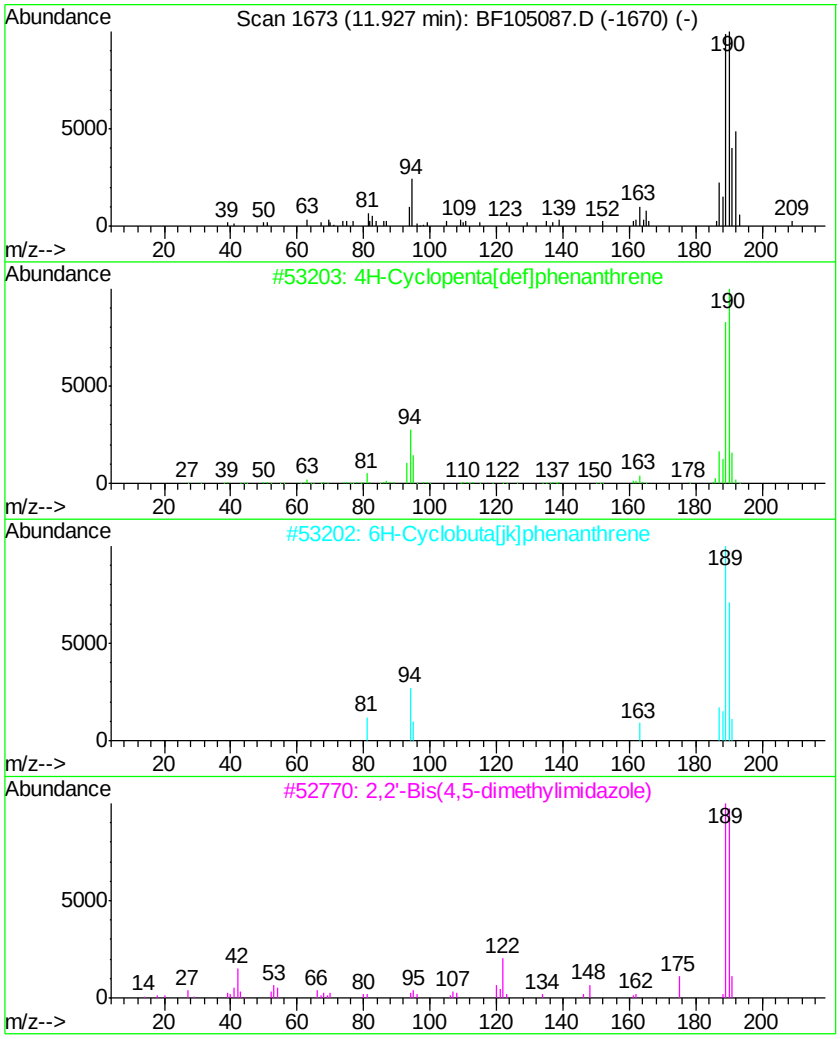
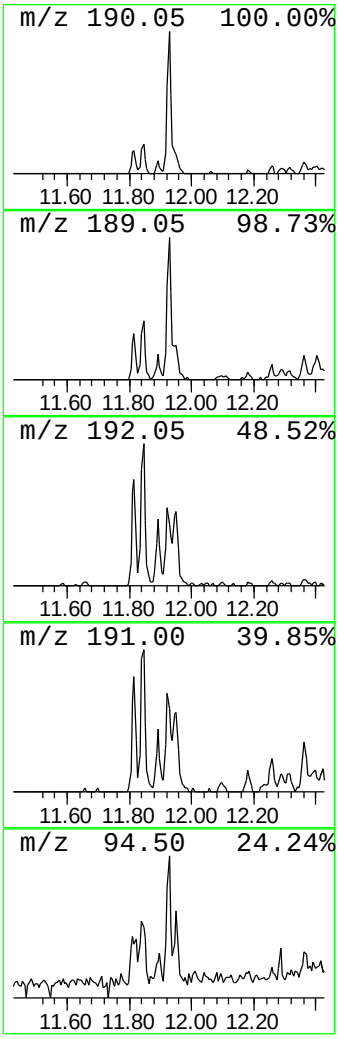
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.50 ng	88067	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	47
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43
4	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	27
5	Carbonic acid, butyl 2-formyl-4,...	290	C12H12Cl2O4	1000331-42-2	25





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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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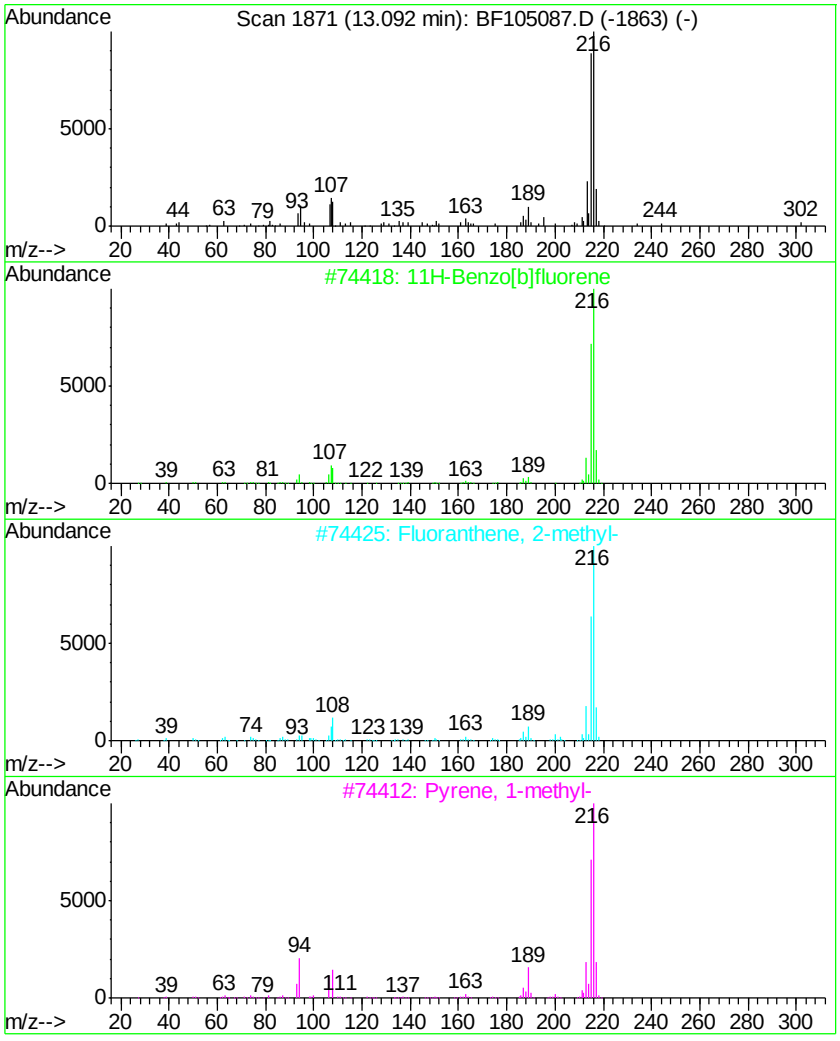
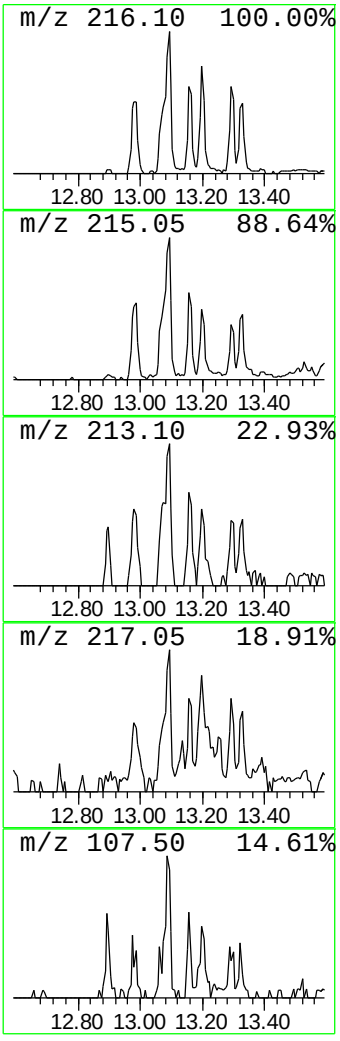
Peak Number 5 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	2.96 ng	142458	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PLANTER-AREAS-PRECHAR

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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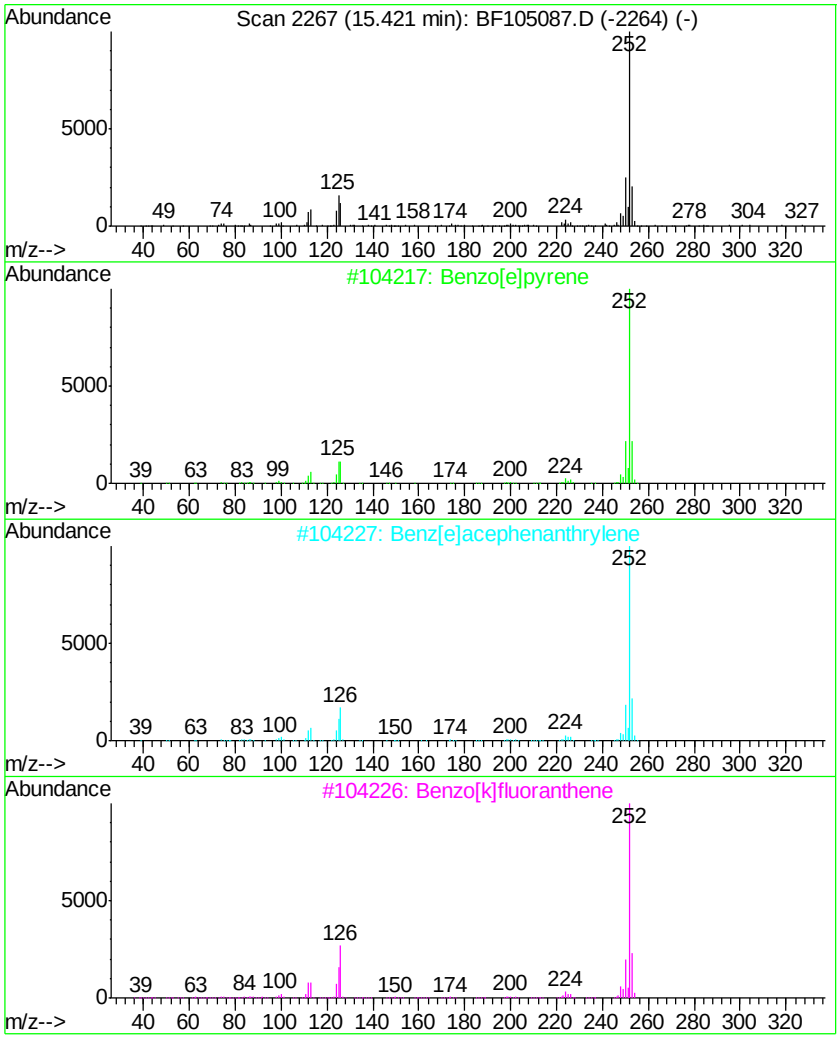
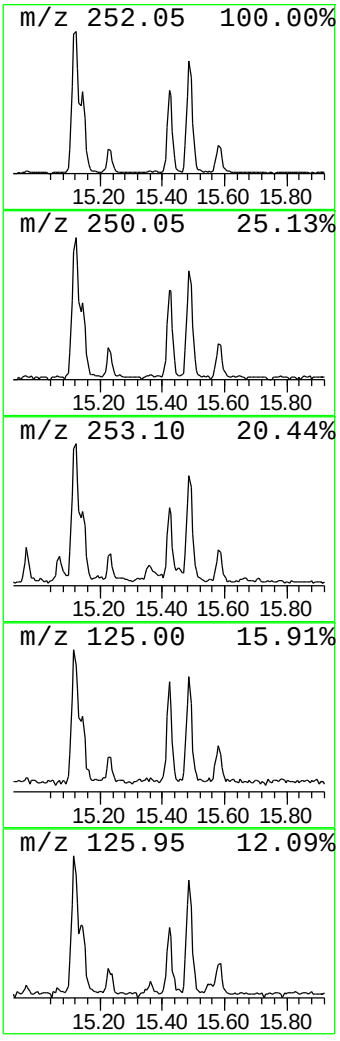
Peak Number 6 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	6.36 ng	148515	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
ClientSampleId : PLANTER-AREAS-PRECHAR

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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
unknown6.56	6.56	16.2	ng	485401	1	6.77	599510	20.0
Phenanthrene, 2-m...	11.84	3.5	ng	122620	4	11.31	705794	20.0
4H-Cyclopenta[def...	11.93	2.5	ng	88067	4	11.31	705794	20.0
11H-Benzo[b]fluorene	13.09	3.0	ng	142458	5	14.00	961214	20.0
Benzo[e]pyrene	15.42	6.4	ng	148515	6	15.55	466969	20.0