LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
Data File : BF101493.D
Acq On : 18 Dec 2017 20:57
Operator : SJ/JU
Sample : I6680-19 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PATERSON-02-121517

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-BF121417.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	5.022	495	499	511	rBV	48315	84846	5.46%	0.467%
2	5.428	564	568	590	rBV	1077589	1447479	93.16%	7.972%
3	6.446	738	741	760	rBV	1254835	1553744	100.00%	8.557%
4	6.581	760	764	770	rVV	1552534	1446350	93.09%	7.966%
5	6.634	770	773	780	rVB	38607	45801	2.95%	0.252%
6	6.810	799	803	809	rBV	919711	861000	55.41%	4.742%
7	6.963	825	829	839	rVB	1219960	1104050	71.06%	6.081%
8	7.375	896	899	910	rBV	734044	838394	53.96%	4.618%
9	7.828	973	976	979	rBV2	19527	19282	1.24%	0.106%
10	8.063	1012	1016	1018	rBV	44935	44721	2.88%	0.246%
11	8.092	1018	1021	1027	rVV	1089422	1041338	67.02%	5.735%
12	8.140	1027	1029	1032	rVB	35206	35842	2.31%	0.197%
13	8.375	1065	1069	1074	rVB5	16638	21367	1.38%	0.118%
14	8.498	1088	1090	1093	rBV	30955	22087	1.42%	0.122%
15	8.651	1113	1116	1118	rBV	77494	73526	4.73%	0.405%
16	8.669	1118	1119	1124	rVB	62121	46285	2.98%	0.255%
17	8.810	1139	1143	1149	rBV	34123	42462	2.73%	0.234%
18	8.904	1156	1159	1165	rVB2	43034	48005	3.09%	0.264%
19	9.034	1178	1181	1186	rBV5	17498	20917	1.35%	0.115%
20	9.098	1190	1192	1195	rBV	27923	21874	1.41%	0.120%
21	9.163	1199	1203	1212	rBV	1656007	1456804	93.76%	8.023%
22	9.234	1212	1215	1219	rVB2	65662	57751	3.72%	0.318%
23	9.439	1245	1250	1254	rBV3	20559	33996	2.19%	0.187%
24	9.510	1257	1262	1264	rVV2	31960	42596	2.74%	0.235%
25	9.563	1264	1271	1277	rVB	157666	201920	13.00%	1.112%
26	9.710	1292	1296	1299	rBV2	48503	51006	3.28%	0.281%
27	9.763	1301	1305	1309	rVB	54464	49065	3.16%	0.270%
28	9.845	1316	1319	1323	rBV2	984271	920006	59.21%	5.067%
29	9.881	1323	1325	1328	rVB	45262	41723	2.69%	0.230%
30	10.057	1351	1355	1358	rBV2	23322	28598	1.84%	0.158%
31	10.086	1358	1360	1364	rVB3	22402	21118	1.36%	0.116%
32	10.163	1370	1373	1376	rBV3	21669	23978	1.54%	0.132%
33	10.263	1387	1390	1393	rVB	58734	45473	2.93%	0.250%
34	10.398	1410	1413	1419	rVB	48508	50084	3.22%	0.276%

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Misc :
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Instrument : BNA_F
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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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.481	1421	1427	1429	rBV3	26544	33034	2.13%	0.182%
36	10.557	1437	1440	1446	rBV	244331	209103	13.46%	1.152%
37	10.639	1451	1454	1462	rBV	573222	613544	39.49%	3.379%
38	10.739	1468	1471	1476	rBV2	48235	76284	4.91%	0.420%
39	10.945	1501	1506	1509	rBV6	16420	24801	1.60%	0.137%
40	11.186	1544	1547	1549	rBV	40370	32418	2.09%	0.179%
41	11.239	1554	1556	1558	rVB	22241	17148	1.10%	0.094%
42	11.339	1569	1573	1575	rBV	925460	795816	51.22%	4.383%
43	11.363	1575	1577	1583	rVV	268387	234482	15.09%	1.291%
44	11.416	1583	1586	1591	rVV	60723	63045	4.06%	0.347%
45	11.580	1612	1614	1617	rBV	17396	19521	1.26%	0.108%
46	11.610	1617	1619	1624	rVB2	37526	34087	2.19%	0.188%
47	11.675	1627	1630	1634	rVB3	15764	19803	1.27%	0.109%
48	11.839	1655	1658	1661	rBV	42367	53205	3.42%	0.293%
49	11.869	1661	1663	1667	rVB	53862	51447	3.31%	0.283%
50	11.922	1669	1672	1674	rBV	20468	18872	1.21%	0.104%
51	11.957	1674	1678	1680	rBV	68566	74384	4.79%	0.410%
52	12.016	1685	1688	1693	rBV2	28412	30777	1.98%	0.170%
53	12.133	1705	1708	1712	rBV2	29078	31066	2.00%	0.171%
54	12.180	1712	1716	1720	rVB6	16516	23389	1.51%	0.129%
55	12.392	1748	1752	1756	rBV3	53066	101405	6.53%	0.558%
56	12.486	1764	1768	1770	rBV3	21810	38000	2.45%	0.209%
57	12.557	1776	1780	1784	rBV	339155	303341	19.52%	1.671%
58	12.651	1794	1796	1799	rVB	20891	18680	1.20%	0.103%
59	12.710	1803	1806	1808	rBV2	26055	30579	1.97%	0.168%
60	12.727	1808	1809	1812	rVV3	25285	18494	1.19%	0.102%
61	12.786	1813	1819	1825	rVV	325683	377518	24.30%	2.079%
62	12.839	1825	1828	1831	rVV	23706	24581	1.58%	0.135%
63	12.922	1838	1842	1845	rBV	1005307	952119	61.28%	5.244%
64	13.010	1852	1857	1861	rBV4	33785	60924	3.92%	0.336%
65	13.098	1869	1872	1873	rBV3	28029	30588	1.97%	0.168%
66	13.116	1873	1875	1877	rVB2	33189	28783	1.85%	0.159%
67	13.180	1884	1886	1889	rVB	39480	28719	1.85%	0.158%
68	13.310	1906	1908	1911	rBV	31194	31876	2.05%	0.176%
69	13.345	1912	1914	1920	rVB3	37483	43634	2.81%	0.240%
70	13.474	1934	1936	1940	rBV4	26686	32386	2.08%	0.178%
71	13.804	1990	1992	1997	rVB2	101225	115213	7.42%	0.635%

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ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PATERSON-02-121517

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.986	2019	2023	2026	rBV2	799063	891712	57.39%	4.911%
73	14.016	2026	2028	2031	rVB	133500	111274	7.16%	0.613%
74	15.463	2271	2274	2285	rVB	476945	617198	39.72%	3.399%

Sum of corrected areas: 18156738

LSC Report - Integrated Chromatogram

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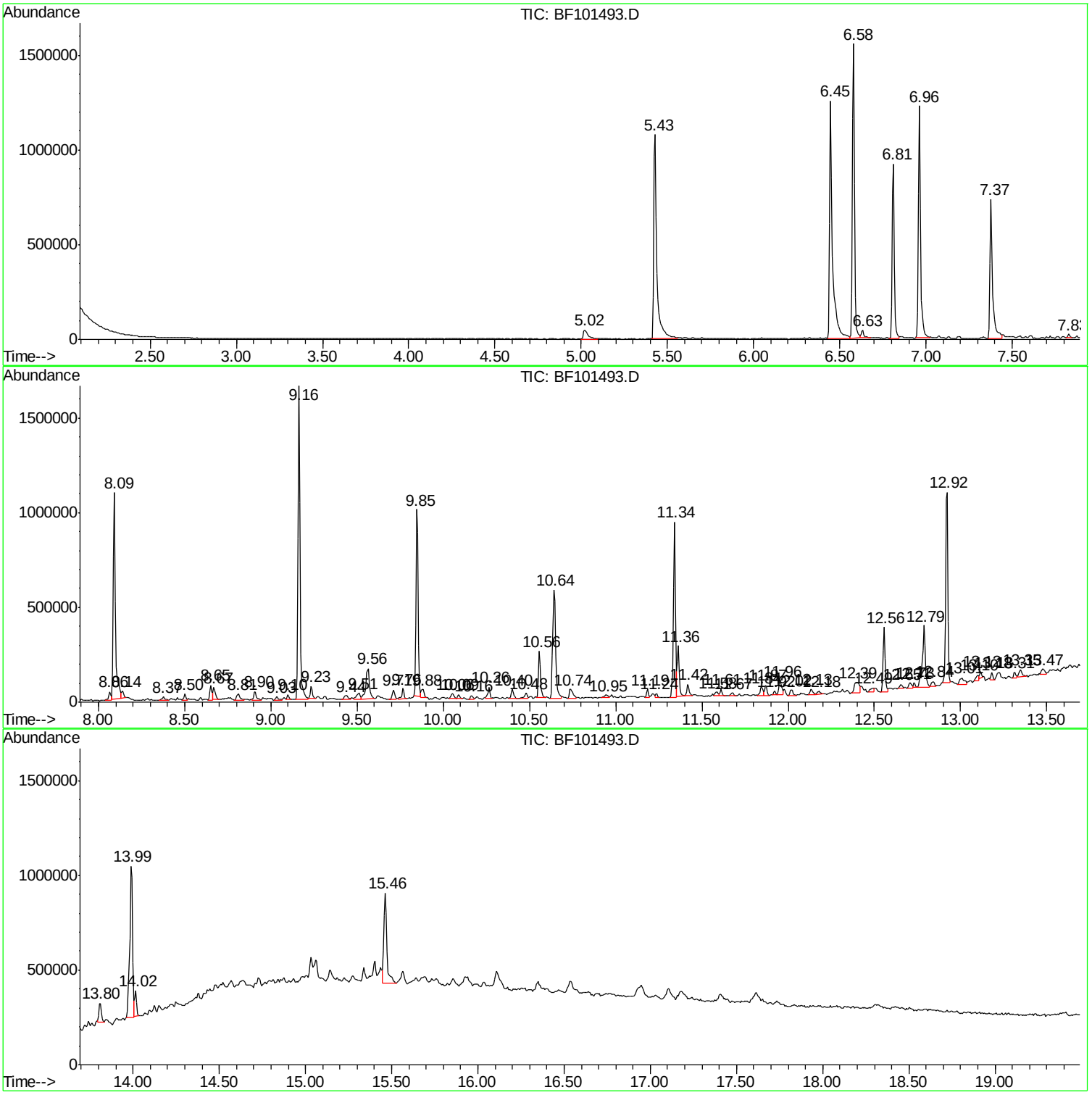
Sample : I6680-19 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PATERSON-02-121517

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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\BF121817\
Data File : BF101493.D
Acq On : 18 Dec 2017 20:57
Operator : SJ/JU
Sample : I6680-19 2X
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Instrument : BNA_F
ClientSampleId : PATERSON-02-121517

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

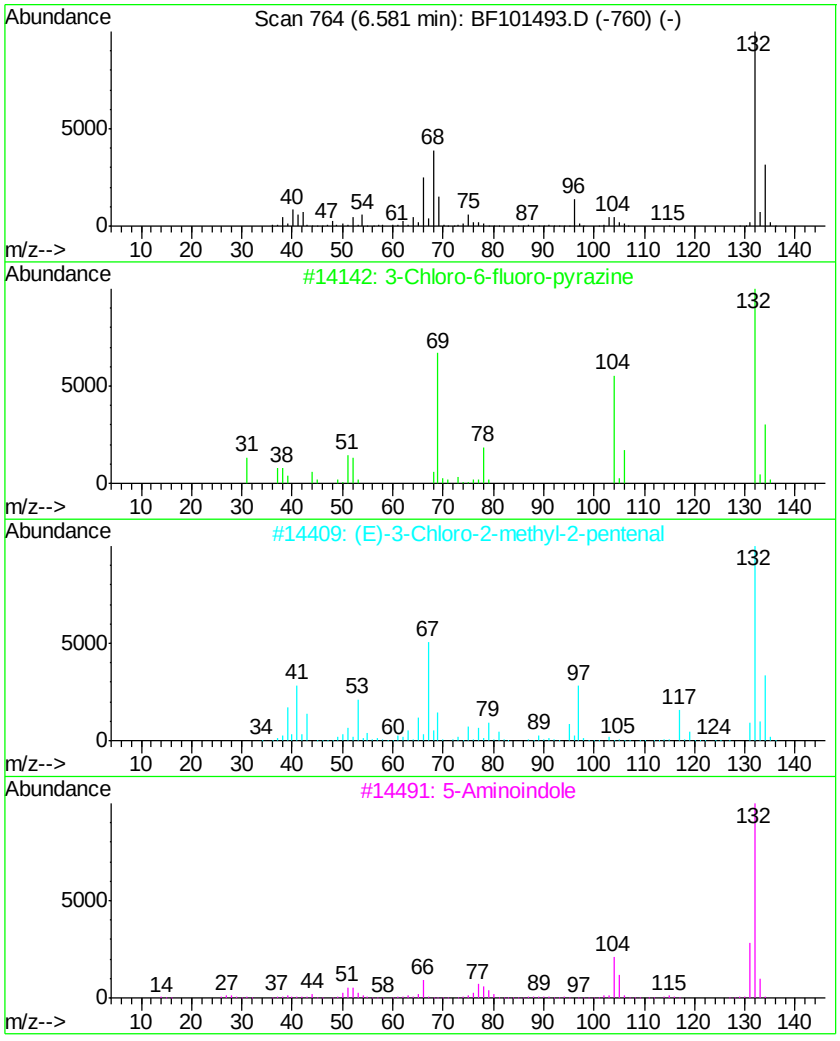
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

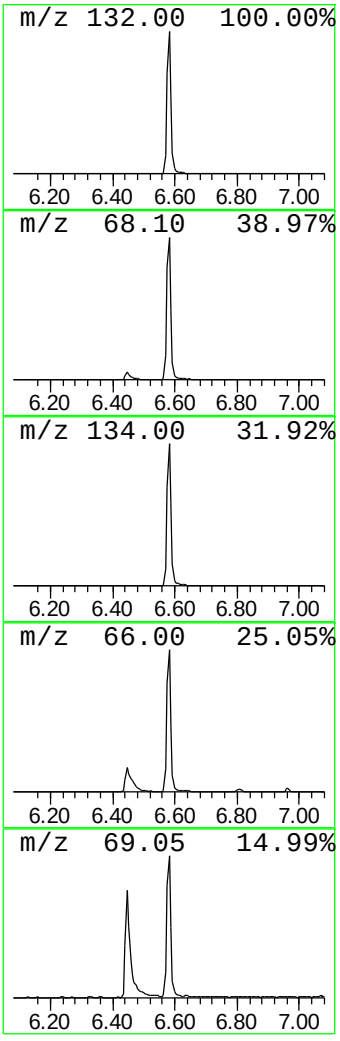
****

Peak Number 1 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	33.60 ng	1446350	1,4-Dichlorobenzene-d4	6.81

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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

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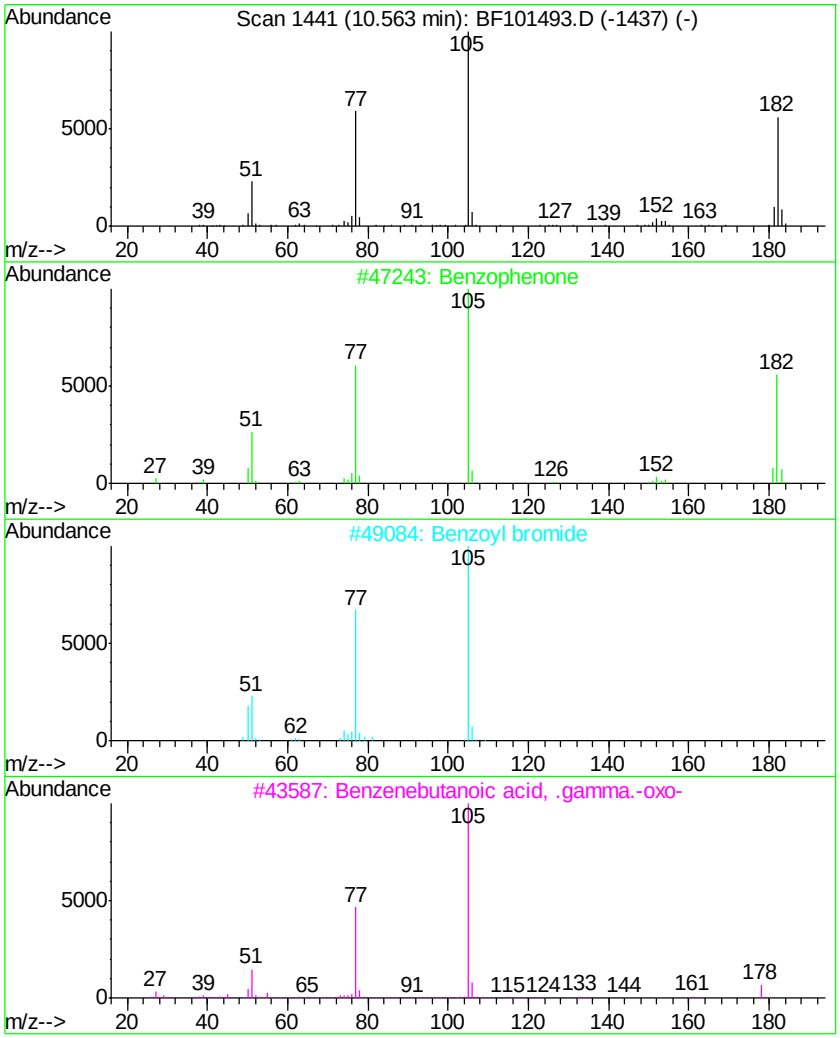
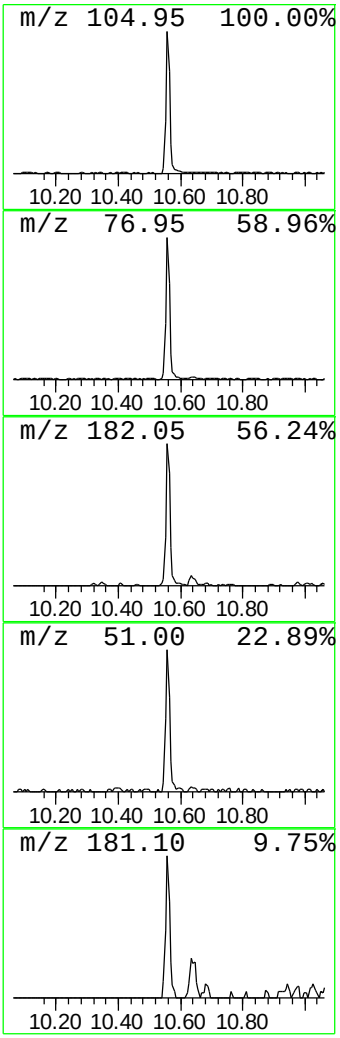
Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	4.55 ng	209103	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzoyl bromide	184	C7H5BrO	000618-32-6	47
3	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
4	Benzoic acid, ethyl ester	150	C9H10O2	000093-89-0	47
5	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47





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Sample : I6680-19 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PATERSON-02-121517

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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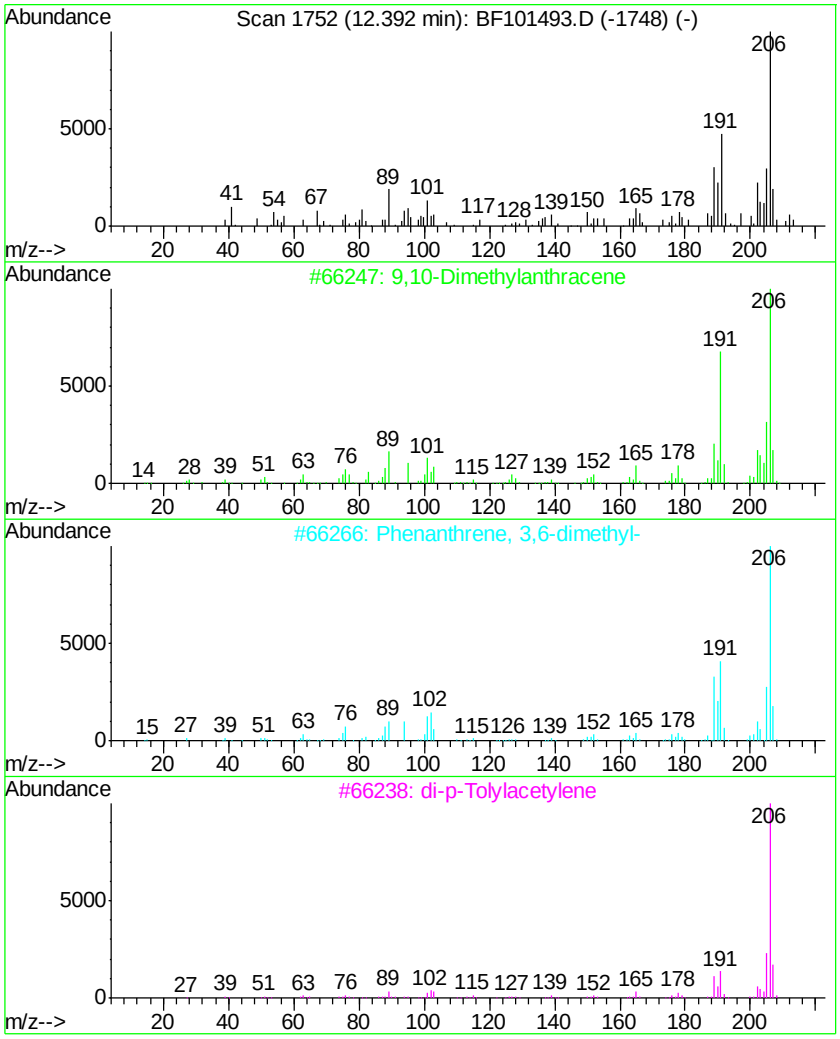
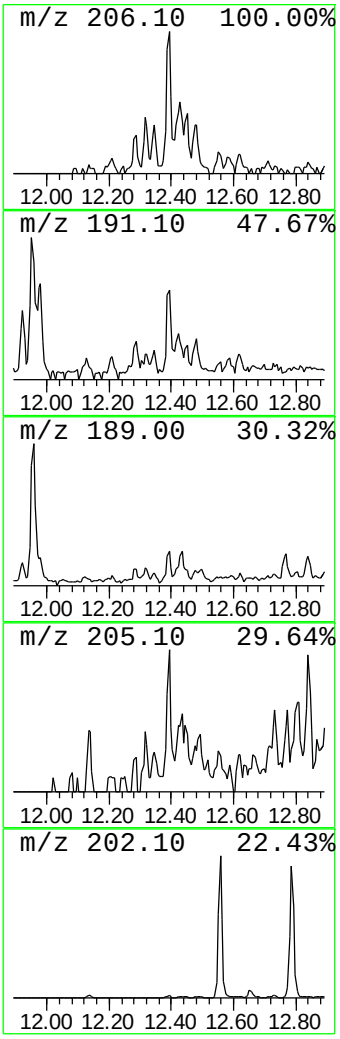
Peak Number 4 9,10-Dimethylanthracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	2.55 ng	101405	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	86
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	76





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

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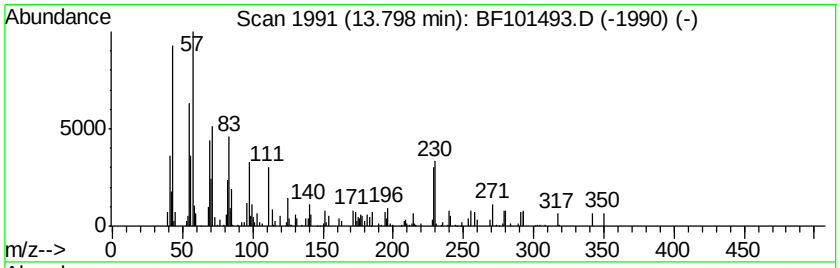
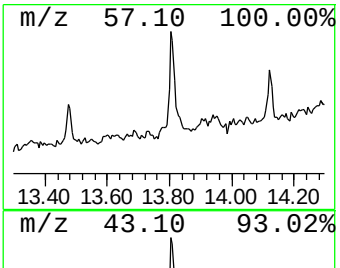
Peak Number 5 17-Pentatriacontene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	2.58 ng	115213	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	76
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	76
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	76
4	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	68
5	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	68





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.58	6.58	33.6	ng	1446350	1	6.81	861000	20.0
Benzophenone	10.56	4.5	ng	209103	3	9.85	920006	20.0
9,10-Dimethylanth...	12.39	2.5	ng	101405	4	11.34	795816	20.0
17-Pentatriacontene	13.80	2.6	ng	115213	5	13.99	891712	20.0