LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104545.D
Acq On : 16 Apr 2018 20:54
Operator : JU/SJ
Sample : J2354-02 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1-4PT-COMP

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	5.004	492	496	505	rBV	73674	79846	4.29%	0.341%
2	5.422	562	567	570	rBV	1801960	1643372	88.37%	7.023%
3	6.040	668	672	680	rBV	74243	81511	4.38%	0.348%
4	6.439	736	740	752	rBV	1769213	1676663	90.16%	7.165%
5	6.575	759	763	767	rBV	2032014	1741127	93.62%	7.441%
6	6.810	799	803	806	rBV	1150678	995261	53.52%	4.253%
7	6.963	825	829	832	rBV	1669371	1322027	71.09%	5.650%
8	7.369	894	898	901	rBV	1258455	1020332	54.87%	4.360%
9	8.092	1017	1021	1024	rBV	1642787	1269546	68.27%	5.425%
10	9.169	1200	1204	1214	rBV	2043053	1859696	100.00%	7.947%
11	9.480	1252	1257	1262	rBV4	27710	28649	1.54%	0.122%
12	9.563	1267	1271	1278	rBV	257896	258009	13.87%	1.103%
13	9.775	1305	1307	1311	rVB	51279	38419	2.07%	0.164%
14	9.851	1316	1320	1334	rVB	1355577	1375392	73.96%	5.878%
15	10.151	1365	1371	1379	rBV7	20675	48766	2.62%	0.208%
16	10.275	1389	1392	1395	rVB	72087	53085	2.85%	0.227%
17	10.492	1425	1429	1432	rBV	20856	23319	1.25%	0.100%
18	10.639	1450	1454	1464	rVB	1044191	1034662	55.64%	4.422%
19	10.745	1470	1472	1478	rBV	55983	75473	4.06%	0.323%
20	11.198	1546	1549	1552	rBV	92404	81924	4.41%	0.350%
21	11.227	1552	1554	1557	rVB2	27815	21997	1.18%	0.094%
22	11.339	1569	1573	1575	rBV	1317829	1153004	62.00%	4.927%
23	11.363	1575	1577	1580	rVB	244612	197298	10.61%	0.843%
24	11.445	1588	1591	1594	rBV	27662	24602	1.32%	0.105%
25	11.569	1607	1612	1616	rBV	48037	51349	2.76%	0.219%
26	11.839	1655	1658	1660	rBV	27074	26958	1.45%	0.115%
27	11.863	1660	1662	1668	rVB2	49694	50750	2.73%	0.217%
28	11.951	1674	1677	1679	rBV	46838	41036	2.21%	0.175%
29	12.133	1706	1708	1710	rBV	29151	25322	1.36%	0.108%
30	12.157	1710	1712	1715	rVB	55914	51577	2.77%	0.220%
31	12.474	1763	1766	1771	rBV	33025	31778	1.71%	0.136%
32	12.551	1776	1779	1783	rVV	710486	558959	30.06%	2.389%
33	12.674	1798	1800	1803	rBV4	17879	23147	1.24%	0.099%
34	12.780	1812	1818	1824	rBV	542624	558968	30.06%	2.389%

LSC Area Percent Report

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Acq On : 16 Apr 2018 20:54
Operator : JU/SJ
Sample : J2354-02 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1-4PT-COMP

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	12.927	1839	1843	1846	rBV	1433205	1288645	69.29%	5.507%
36	13.086	1867	1870	1871	rBV3	22261	24506	1.32%	0.105%
37	13.110	1871	1874	1876	rVB	46094	43224	2.32%	0.185%
38	13.216	1889	1892	1894	rBV2	29443	28032	1.51%	0.120%
39	13.616	1958	1960	1964	rVB	55237	50255	2.70%	0.215%
40	13.727	1977	1979	1982	rVB3	57283	52031	2.80%	0.222%
41	13.757	1982	1984	1986	rBV	32058	27740	1.49%	0.119%
42	13.821	1992	1995	1999	rVB3	201960	210378	11.31%	0.899%
43	13.980	2016	2022	2025	rBV2	1001226	1219556	65.58%	5.212%
44	14.010	2025	2027	2032	rVB	288701	256175	13.78%	1.095%
45	15.021	2195	2199	2202	rBV	280891	400247	21.52%	1.710%
46	15.321	2247	2250	2255	rVB	166650	200804	10.80%	0.858%
47	15.380	2257	2260	2267	rVV	161677	244798	13.16%	1.046%
48	15.451	2267	2272	2280	rVV	597749	855458	46.00%	3.656%
49	16.139	2385	2389	2397	rVB	228418	413234	22.22%	1.766%
50	16.574	2459	2463	2474	rVB	171316	349794	18.81%	1.495%
51	17.151	2556	2561	2566	rVB3	112258	211569	11.38%	0.904%

Sum of corrected areas: 23400270

LSC Report - Integrated Chromatogram

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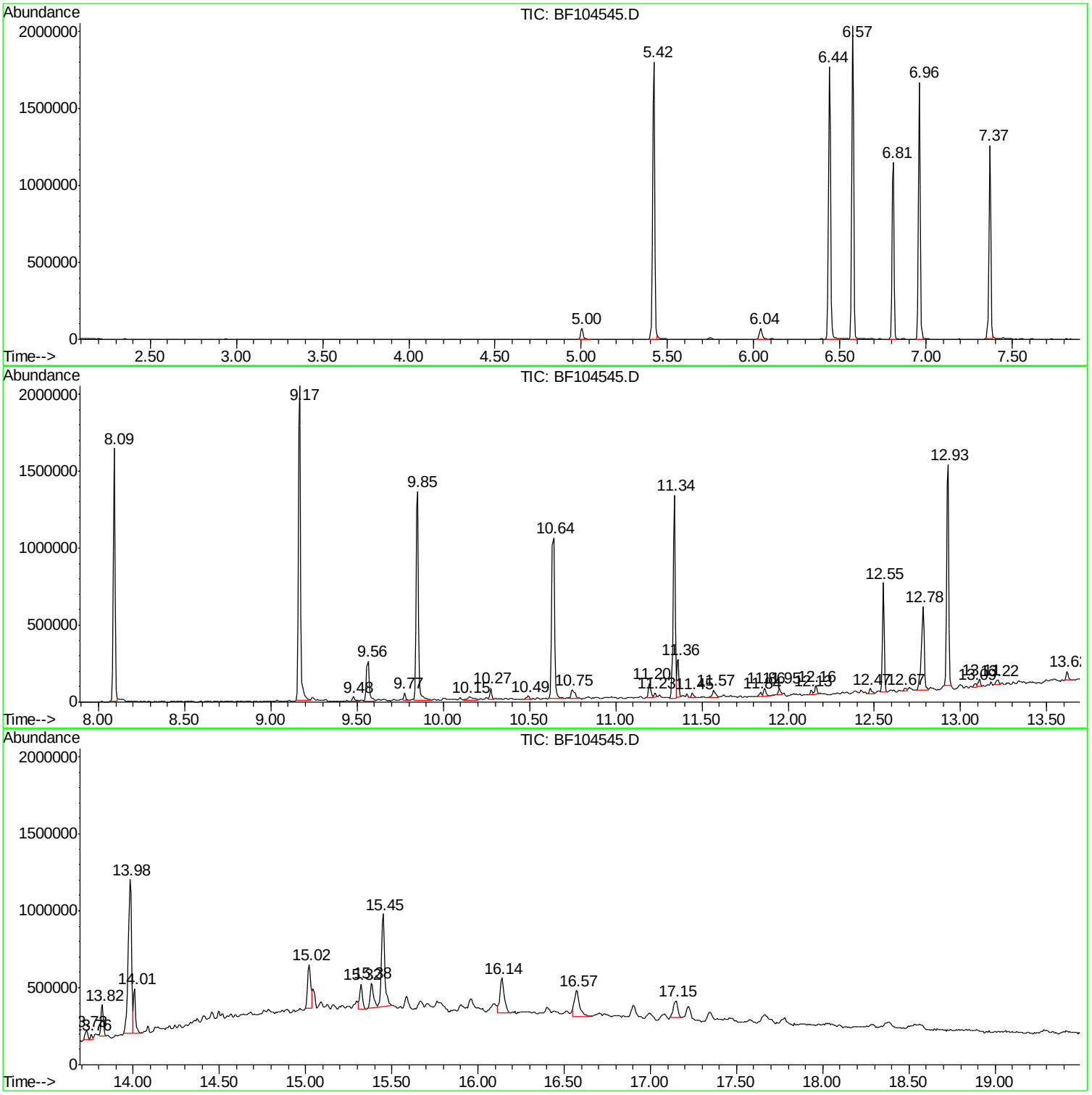
Operator : JU/SJ
Sample : J2354-02 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1-4PT-COMP

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\BF041618\
Data File : BF104545.D
Acq On : 16 Apr 2018 20:54
Operator : JU/SJ
Sample : J2354-02 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1-4PT-COMP

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

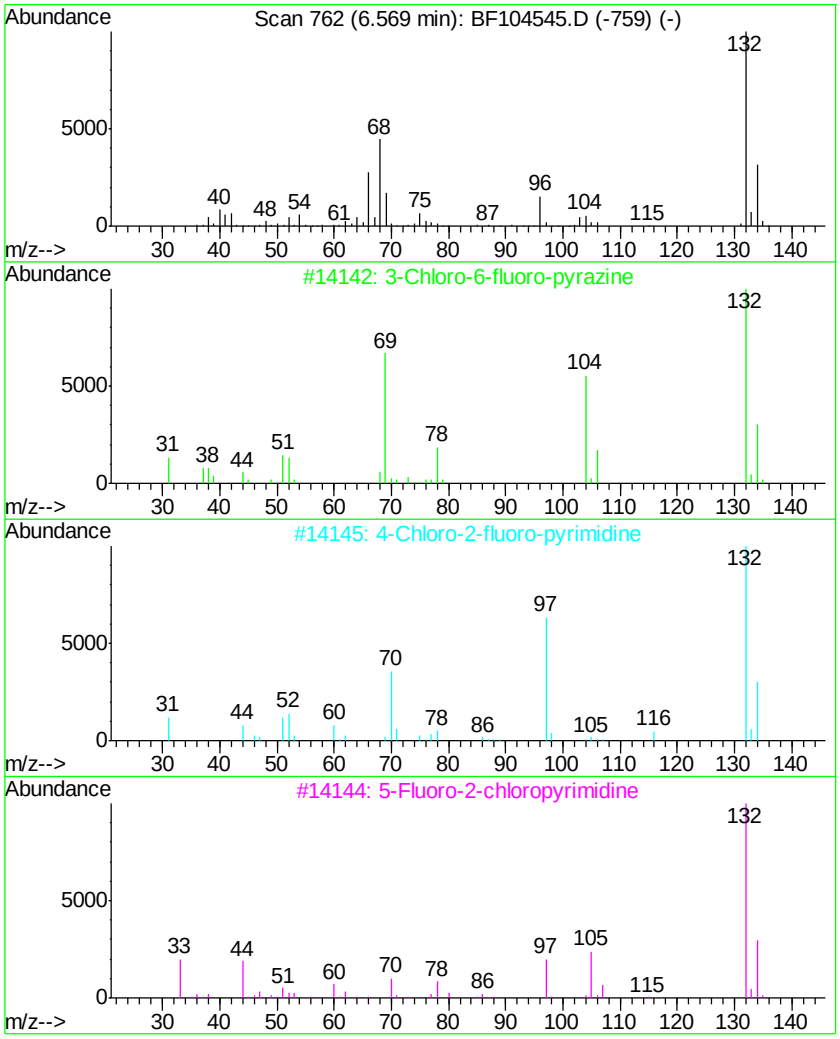
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

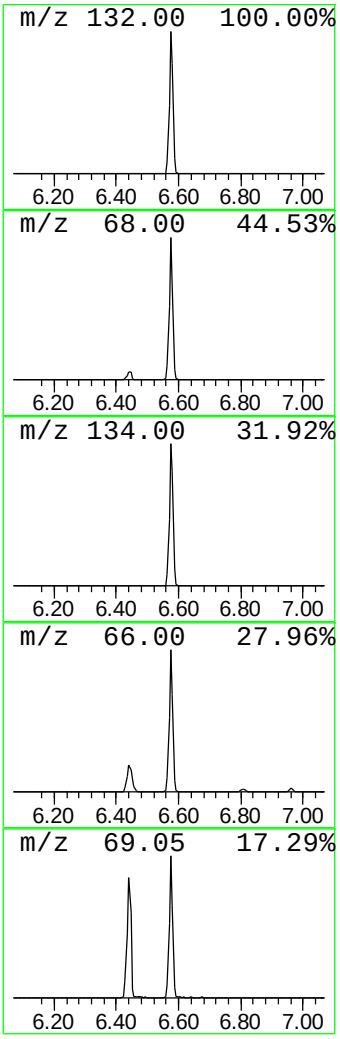
****

Peak Number 1 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	34.99 ng	1741130	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	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Acq On : 16 Apr 2018 20:54
Operator : JU/SJ
Sample : J2354-02 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1-4PT-COMP

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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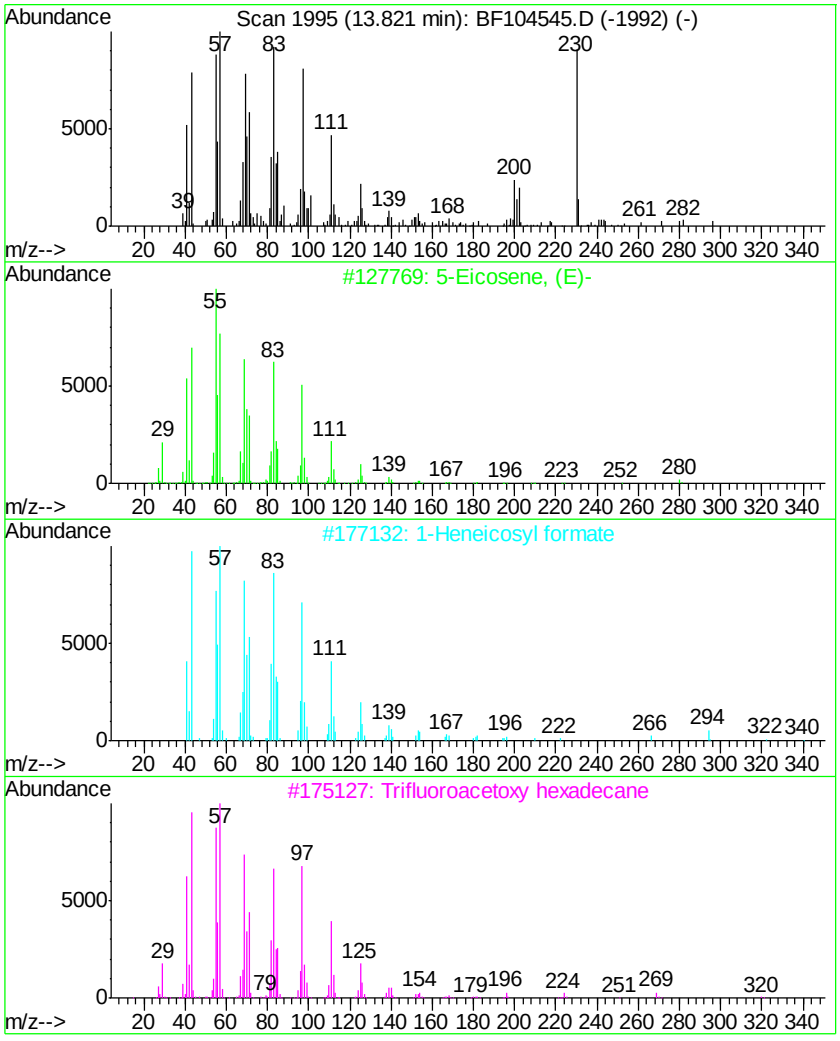
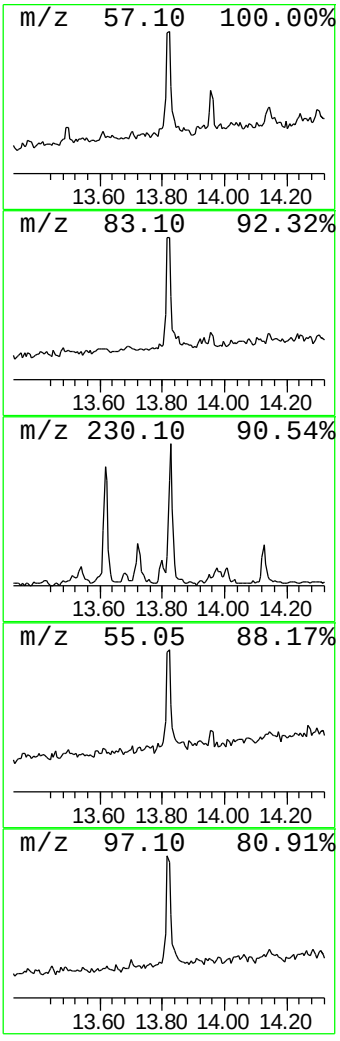
Peak Number 3 5-Eicosene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	3.45 ng	210378	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	92





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1-4PT-COMP

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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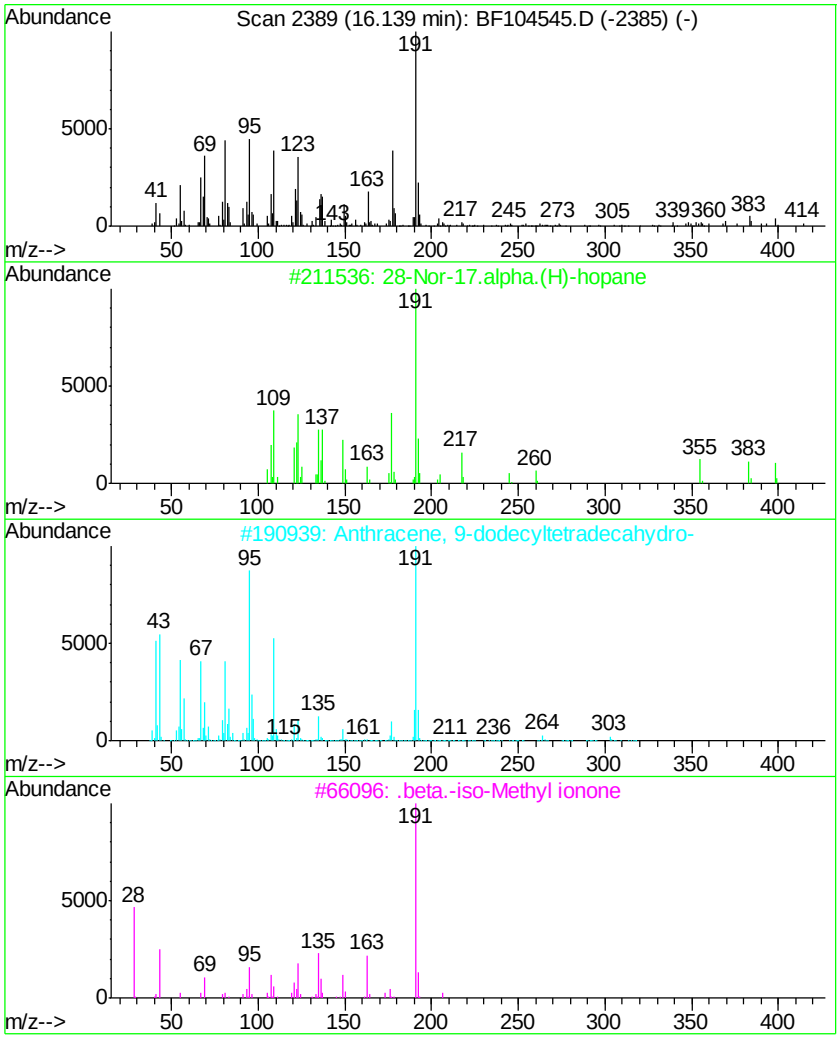
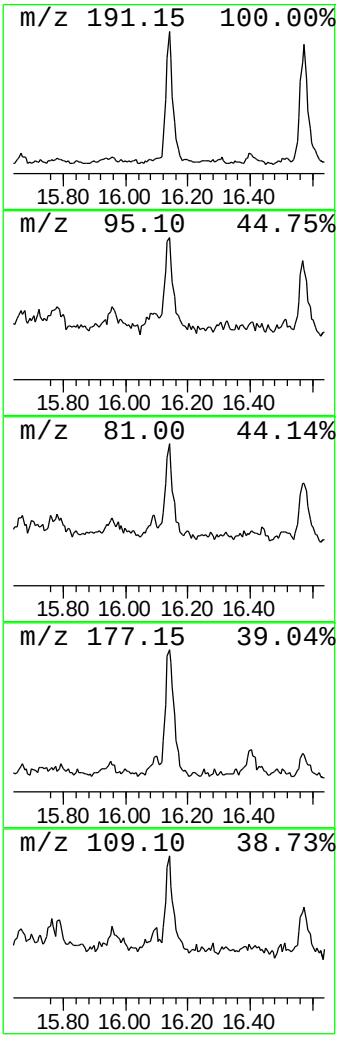
Peak Number 5 28-Nor-17.alpha.(H)-hopane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	9.66 ng	413234	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	72
2	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	53
3	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	38
4	Anthracene, 9-dodecyl-	346	C26H34	002883-70-7	27
5	9-Anthracenepropanoic acid, 9,10...	310	C20H22O3	110551-80-9	27





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Sample : J2354-02 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1-4PT-COMP

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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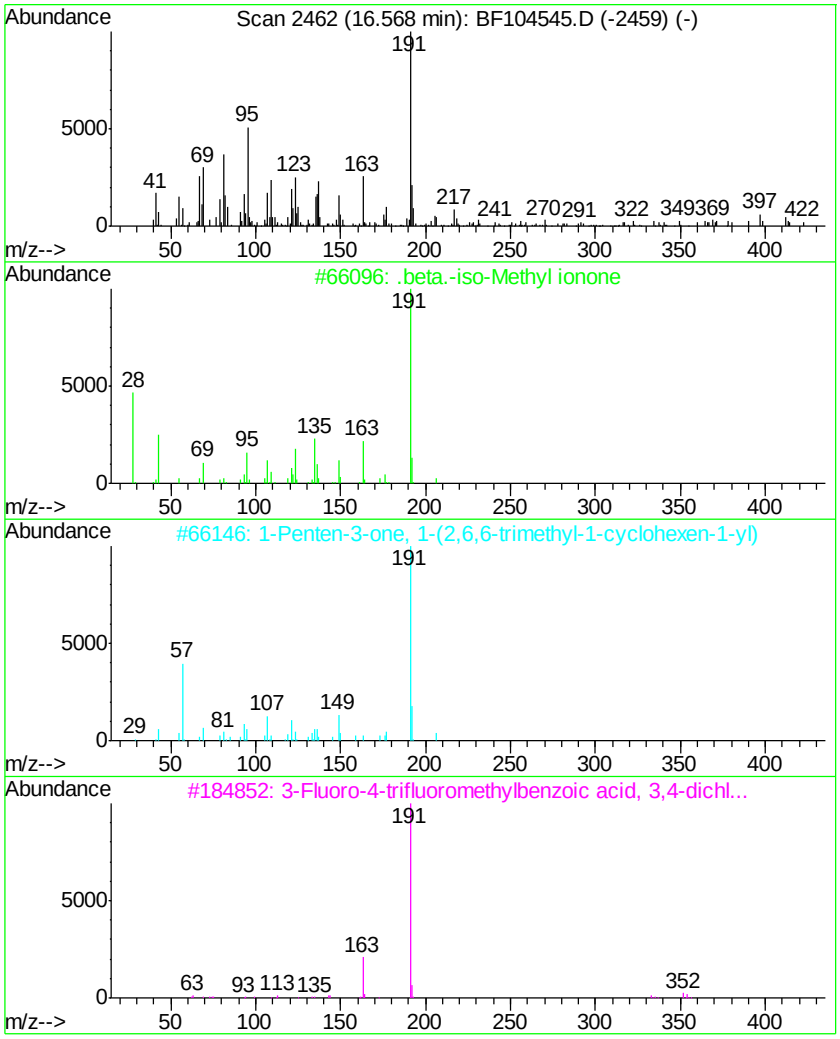
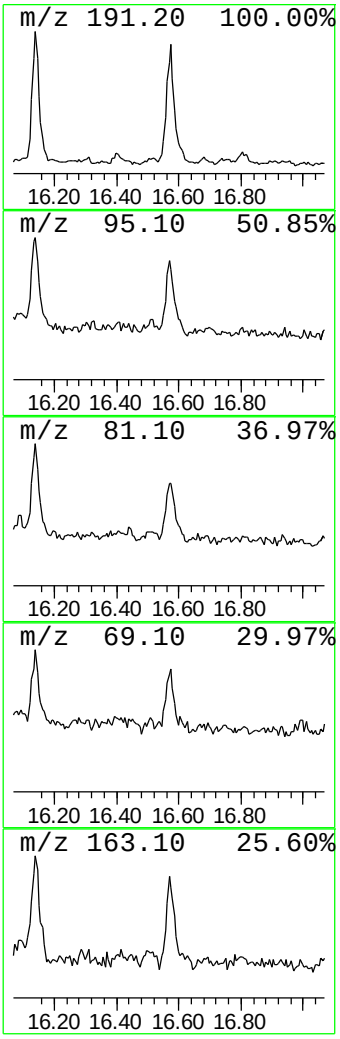
Peak Number 6 .beta.-iso-Methyl ionone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	8.18 ng	349794	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	64
2	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	55
3	3-Fluoro-4-trifluoromethylbenzoi...	352	C14H6Cl2F4O2	1000357-94-6	35
4	Amiphenazole	191	C9H9N3S	000490-55-1	35
5	5-Fluoro-2-trifluoromethylbenzoi...	352	C14H6Cl2F4O2	1000331-60-9	35





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Sample : J2354-02 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1-4PT-COMP

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

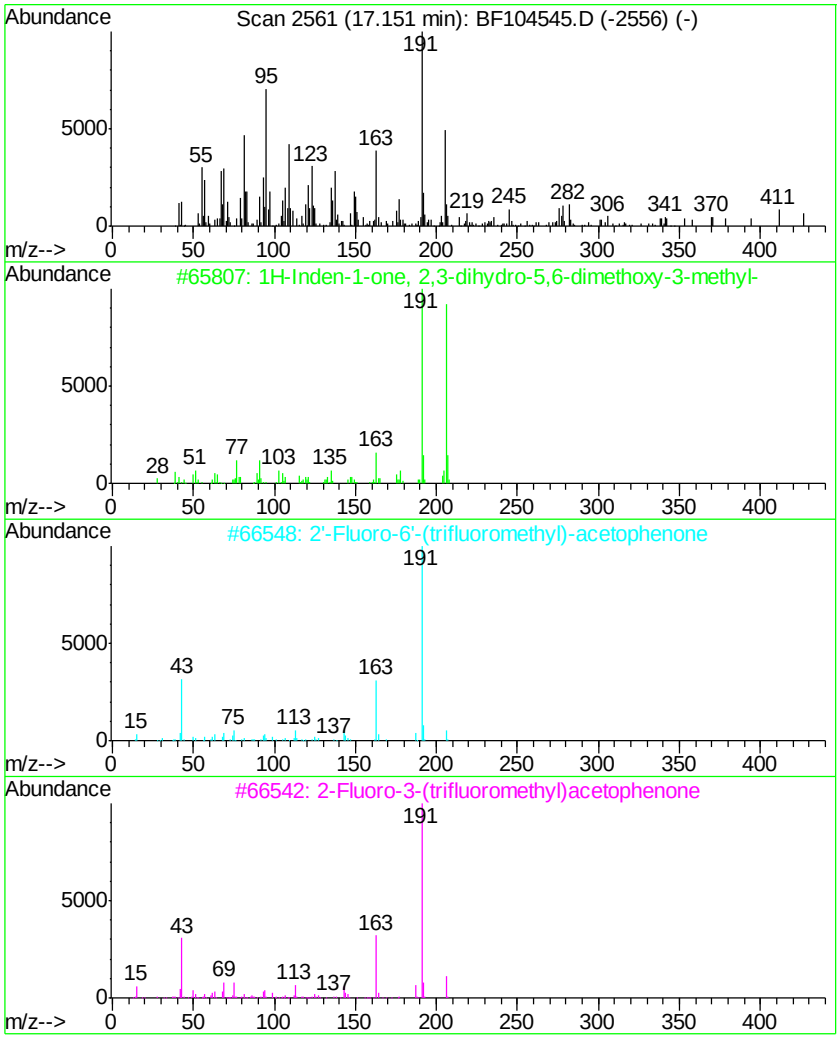
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

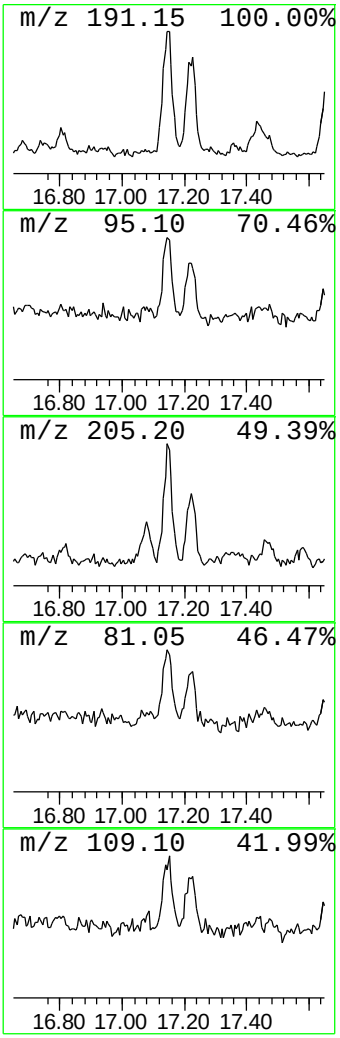
****

Peak Number 7 unknown17.15 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.15	4.95 ng	211569	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-5,6-...	206	C12H14O3	004082-25-1	38
2	2'-Fluoro-6'-(trifluoromethyl)-a...	206	C9H6F4O	174013-29-7	35
3	2-Fluoro-3-(trifluoromethyl)acet...	206	C9H6F4O	1000342-40-2	30
4	2-Fluoro-4-(trifluoromethyl)acet...	206	C9H6F4O	122023-29-4	30
5	Phenol, 2,5-bis(1,1-dimethylethyl)-	206	C14H22O	005875-45-6	27





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_F
ClientSampleId : WC-1-4PT-COMP

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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
unknown6.57	6.57	35.0	ng	1741130	1	6.81	995261	20.0
5-Eicosene, (E)-	13.82	3.5	ng	210378	5	13.98	1219560	20.0
28-Nor-17.alpha.(...	16.14	9.7	ng	413234	6	15.45	855458	20.0
.beta.-iso-Methyl...	16.57	8.2	ng	349794	6	15.45	855458	20.0
unknown17.15	17.15	5.0	ng	211569	6	15.45	855458	20.0