LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100825.D
Acq On : 22 Nov 2017 14:39
Operator : SJ/JU
Sample : I6305-11 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-112017-A

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-BF110817.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	518	rBB	40054	38059	4.62%	0.398%
2	5.481	573	577	586	rBV	453667	385357	46.81%	4.027%
3	6.492	745	749	762	rBV	491042	410730	49.89%	4.292%
4	6.639	770	774	777	rBV	522367	416097	50.55%	4.348%
5	6.875	810	814	817	rBV	511407	441160	53.59%	4.610%
6	7.027	836	840	843	rBV	394041	317206	38.53%	3.315%
7	7.427	904	908	912	rBV	280939	235739	28.64%	2.464%
8	8.151	1027	1031	1034	rBV	620685	558961	67.90%	5.841%
9	9.227	1210	1214	1217	rBV	560936	461831	56.10%	4.826%
10	9.621	1278	1281	1283	rBV	23373	21208	2.58%	0.222%
11	9.833	1311	1317	1319	rVB3	21269	26041	3.16%	0.272%
12	9.910	1326	1330	1334	rBV	684816	578614	70.29%	6.047%
13	9.939	1334	1335	1339	rVB	27858	17975	2.18%	0.188%
14	10.110	1358	1364	1368	rVB	15877	18603	2.26%	0.194%
15	10.327	1395	1401	1405	rBV2	20604	21613	2.63%	0.226%
16	10.457	1420	1423	1426	rVB	39189	33326	4.05%	0.348%
17	10.616	1444	1450	1451	rBV3	8878	11675	1.42%	0.122%
18	10.698	1460	1464	1469	rBV	244766	229631	27.90%	2.400%
19	10.804	1479	1482	1483	rBV	21548	17019	2.07%	0.178%
20	11.004	1509	1516	1519	rBV6	11895	14629	1.78%	0.153%
21	11.127	1533	1537	1539	rBV3	7105	8399	1.02%	0.088%
22	11.151	1539	1541	1546	rVV3	8220	11724	1.42%	0.123%
23	11.198	1546	1549	1553	rVV2	8449	9533	1.16%	0.100%
24	11.251	1553	1558	1560	rVV2	16314	17996	2.19%	0.188%
25	11.292	1560	1565	1569	rVB3	13316	19870	2.41%	0.208%
26	11.398	1579	1583	1585	rBV	585067	534707	64.96%	5.588%
27	11.421	1585	1587	1590	rVV	234372	183747	22.32%	1.920%
28	11.468	1592	1595	1598	rVB	83826	70010	8.50%	0.732%
29	11.627	1618	1622	1628	rBV2	14458	19745	2.40%	0.206%
30	11.910	1664	1670	1671	rBV2	46127	66962	8.13%	0.700%
31	11.921	1671	1672	1676	rVV	56915	45916	5.58%	0.480%
32	11.968	1678	1680	1683	rVV	25089	23647	2.87%	0.247%
33	12.010	1683	1687	1689	rVV	69357	69342	8.42%	0.725%
34	12.033	1689	1691	1694	rVB	23286	19156	2.33%	0.200%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.192	1715	1718	1720	rBV	27432	21055	2.56%	0.220%
36	12.215	1720	1722	1725	rBV2	11269	8917	1.08%	0.093%
37	12.392	1750	1752	1756	rVB3	10931	9143	1.11%	0.096%
38	12.445	1758	1761	1763	rVV	25634	25772	3.13%	0.269%
39	12.486	1763	1768	1770	rVV4	24338	35637	4.33%	0.372%
40	12.533	1773	1776	1780	rVB	25816	27145	3.30%	0.284%
41	12.609	1785	1789	1792	rBV	500193	420702	51.11%	4.397%
42	12.692	1802	1803	1807	rBV3	9102	10203	1.24%	0.107%
43	12.762	1812	1815	1818	rVV2	17714	14886	1.81%	0.156%
44	12.839	1821	1828	1833	rVV	410687	435422	52.89%	4.550%
45	12.886	1833	1836	1840	rVB2	20537	23614	2.87%	0.247%
46	12.974	1845	1851	1854	rBV	446136	404764	49.17%	4.230%
47	13.057	1860	1865	1869	rBV2	35391	67994	8.26%	0.711%
48	13.139	1876	1879	1880	rBV3	23945	23408	2.84%	0.245%
49	13.162	1880	1883	1887	rVB	76803	78754	9.57%	0.823%
50	13.233	1887	1895	1897	rBV	59182	67282	8.17%	0.703%
51	13.268	1897	1901	1903	rBV2	53972	54853	6.66%	0.573%
52	13.362	1914	1917	1920	rBV	23554	23507	2.86%	0.246%
53	13.392	1920	1922	1925	rBV2	22998	26109	3.17%	0.273%
54	13.545	1945	1948	1950	rBV4	11398	15123	1.84%	0.158%
55	13.651	1962	1966	1967	rBV3	14590	16415	1.99%	0.172%
56	13.674	1967	1970	1975	rVB	33756	41806	5.08%	0.437%
57	13.786	1984	1989	1991	rBV2	38942	49491	6.01%	0.517%
58	13.809	1991	1993	1996	rVV	39632	39041	4.74%	0.408%
59	13.839	1996	1998	1999	rVV	31182	30735	3.73%	0.321%
60	13.862	2000	2002	2008	rVB2	42953	76942	9.35%	0.804%
61	13.956	2015	2018	2021	rBV2	12386	19674	2.39%	0.206%
62	14.033	2024	2031	2034	rVV2	664932	823190	100.00%	8.603%
63	14.062	2034	2036	2041	rVB	192408	175188	21.28%	1.831%
64	14.139	2047	2049	2051	rBV	37080	31876	3.87%	0.333%
65	14.421	2094	2097	2099	rVB	48928	43704	5.31%	0.457%
66	14.451	2100	2102	2105	rBV	22292	17930	2.18%	0.187%
67	14.568	2120	2122	2124	rVB3	22397	17136	2.08%	0.179%
68	15.080	2205	2209	2212	rBV	150936	240299	29.19%	2.511%
69	15.186	2224	2227	2230	rBV	39012	39471	4.79%	0.412%
70	15.386	2258	2261	2266	rVB	78797	91493	11.11%	0.956%
71	15.445	2268	2271	2277	rVB	117131	146203	17.76%	1.528%

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72	15.515	2278	2283	2286	rBV	321035	429002	52.11%	4.483%
73	16.992	2529	2534	2540	rBV2	46727	88830	10.79%	0.928%

Sum of corrected areas: 9568944

LSC Report - Integrated Chromatogram

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Misc :
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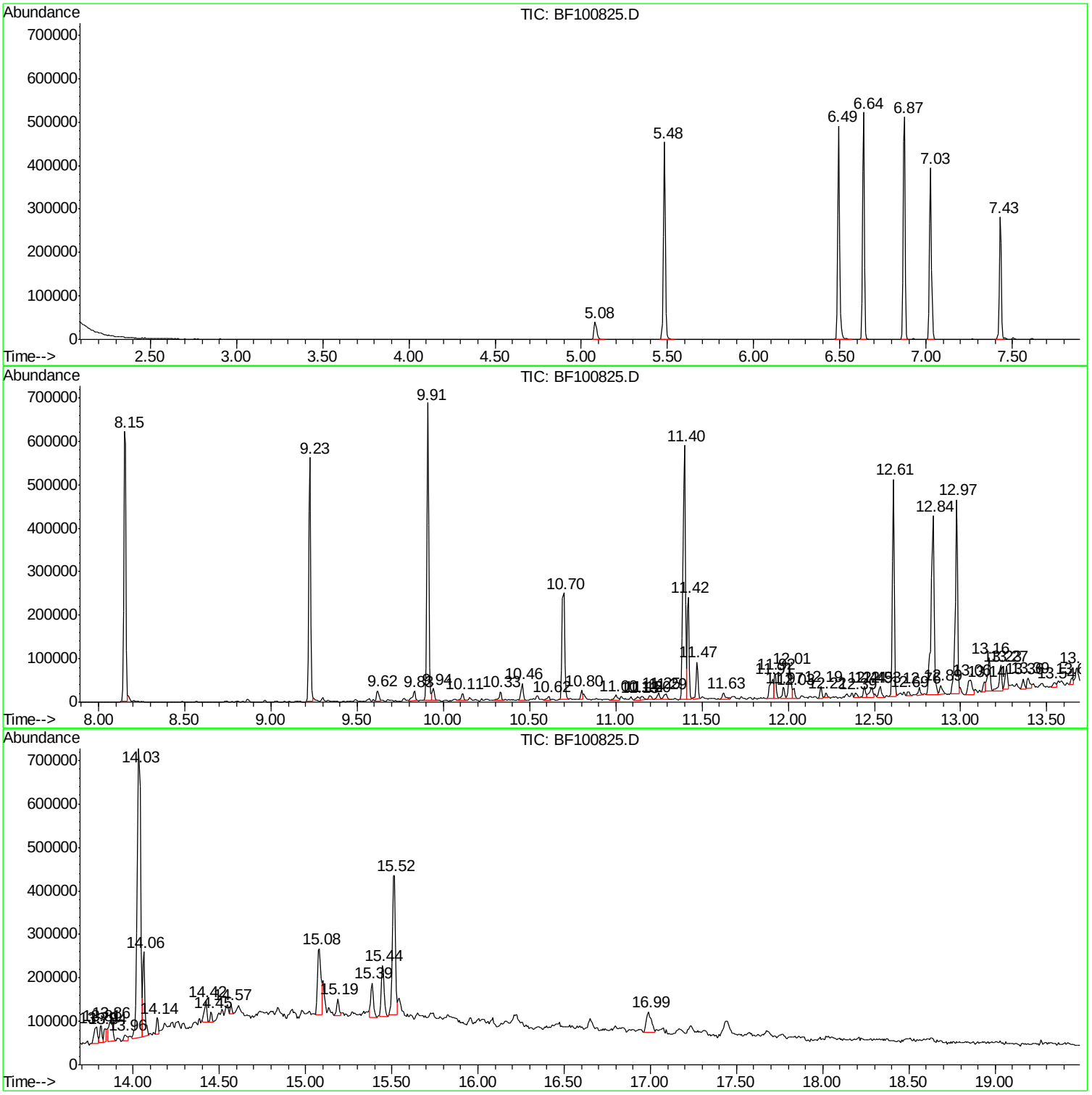
Instrument : BNA_F
ClientSampleId : PL-02-112017-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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TIC Library : C:\DATABASE\NIST11.L
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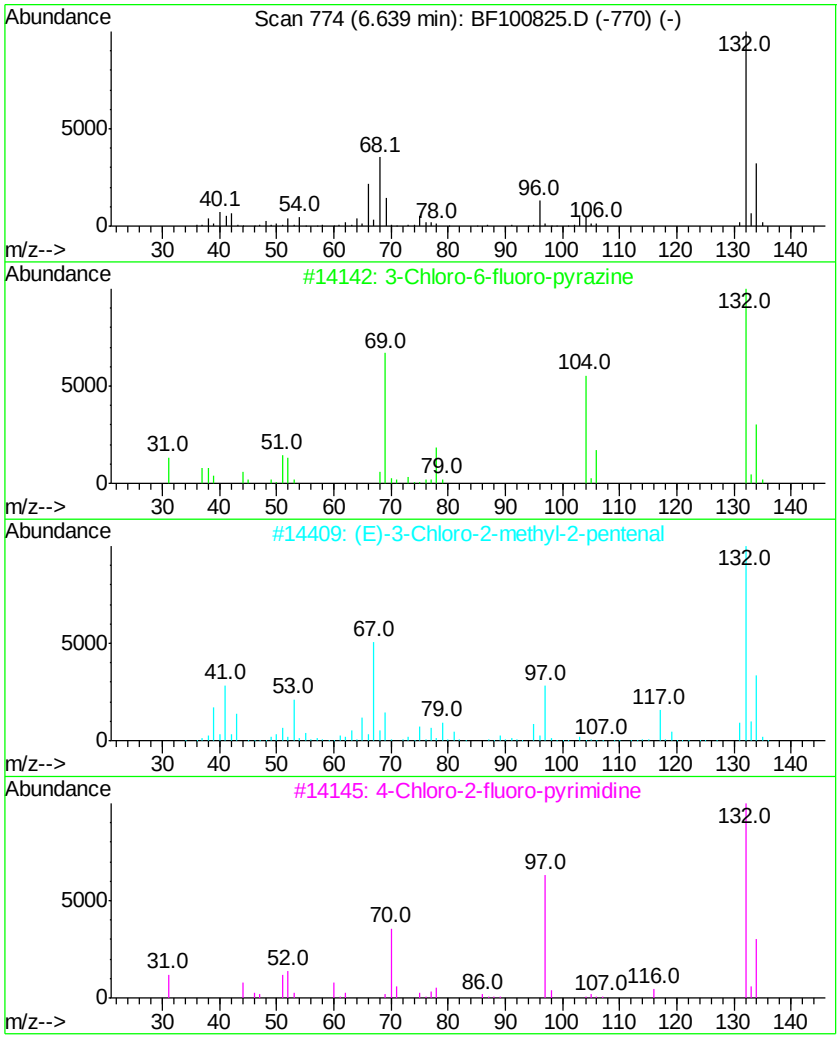
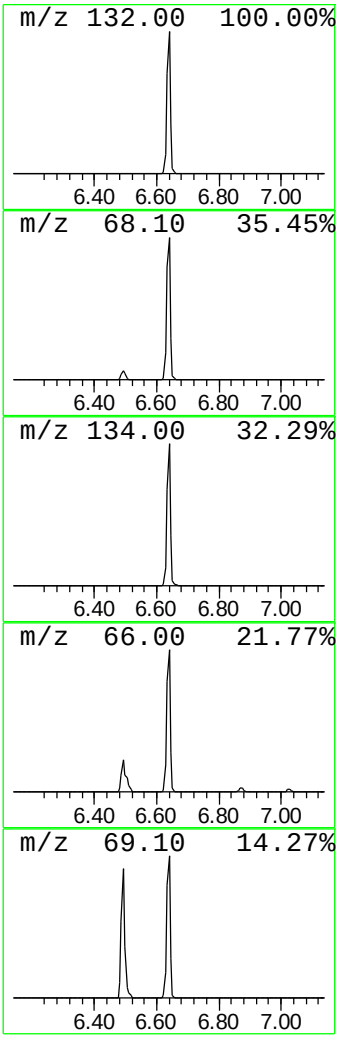
****

Peak Number 1 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	18.86 ng	416097	1,4-Dichlorobenzene-d4	6.87

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	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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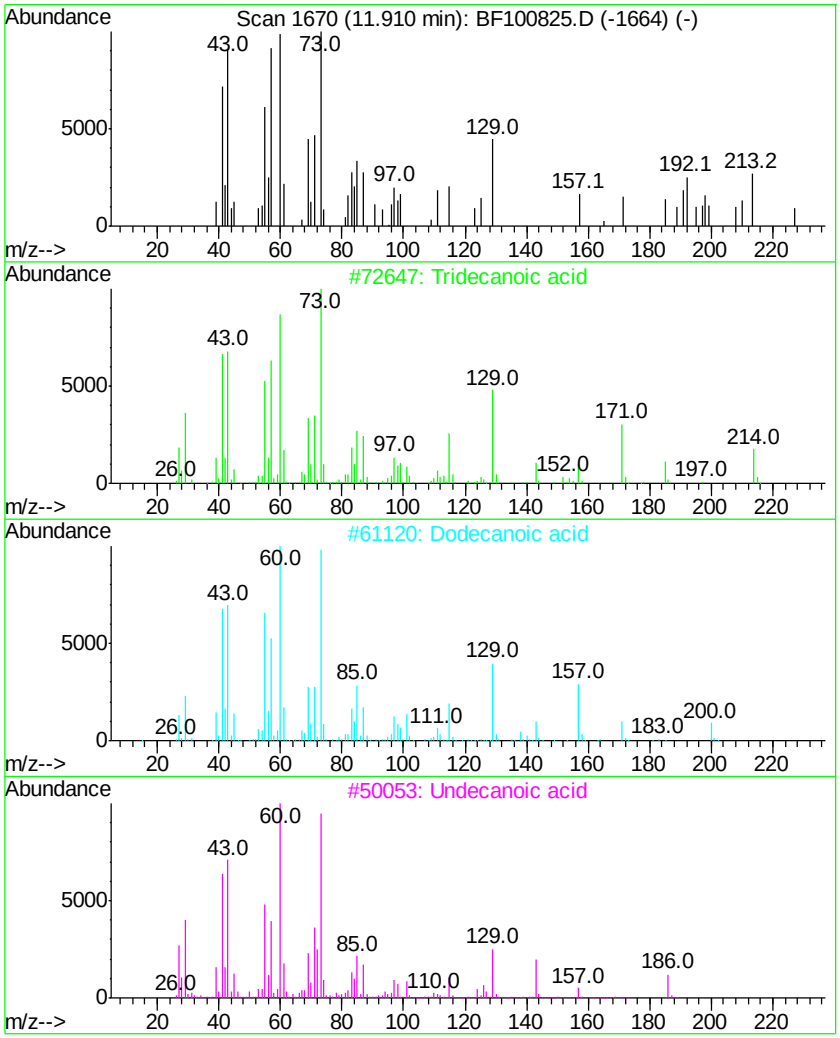
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

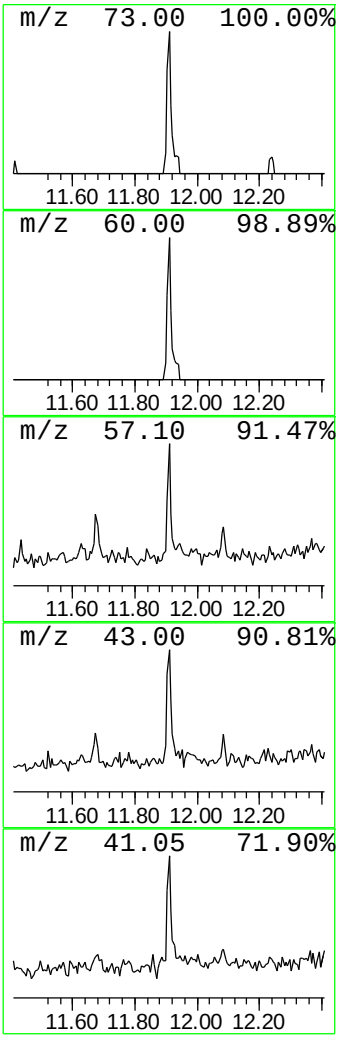
****

Peak Number 3 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	2.50 ng	66962	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	50
2	Dodecanoic acid	200	C12H24O2	000143-07-7	47
3	Undecanoic acid	186	C11H22O2	000112-37-8	47
4	n-Decanoic acid	172	C10H20O2	000334-48-5	43
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	37





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Instrument : BNA_F
ClientSampleId : PL-02-112017-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

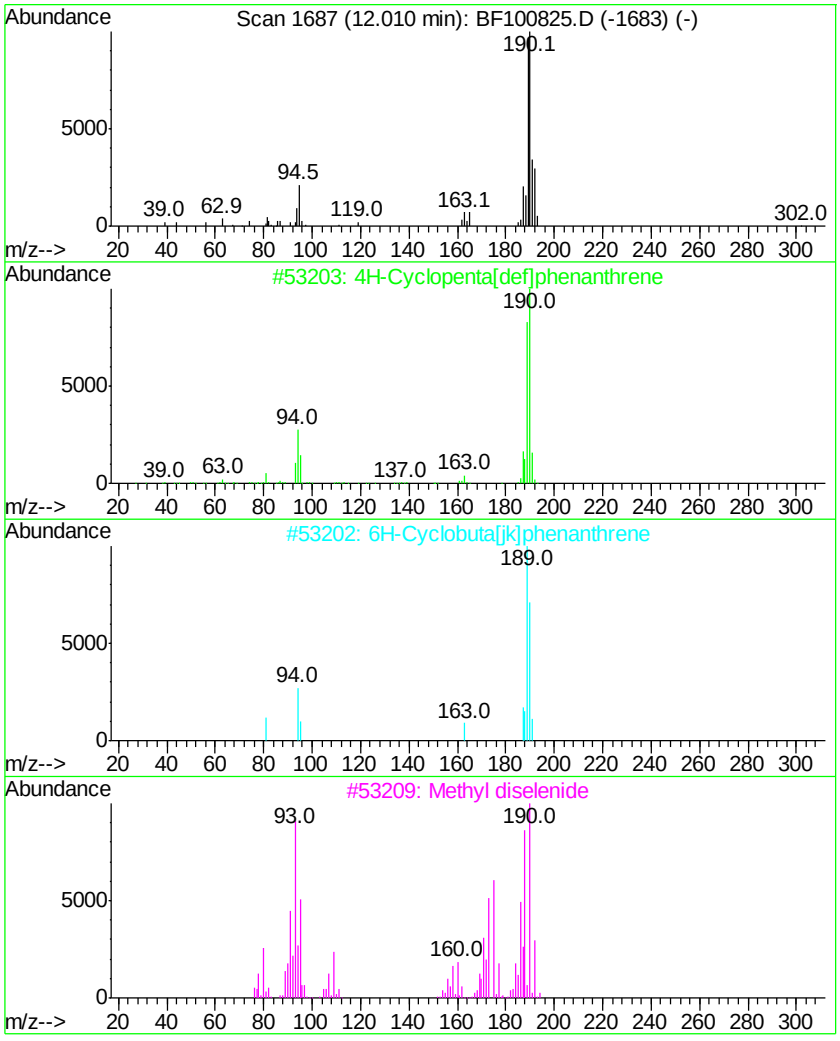
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

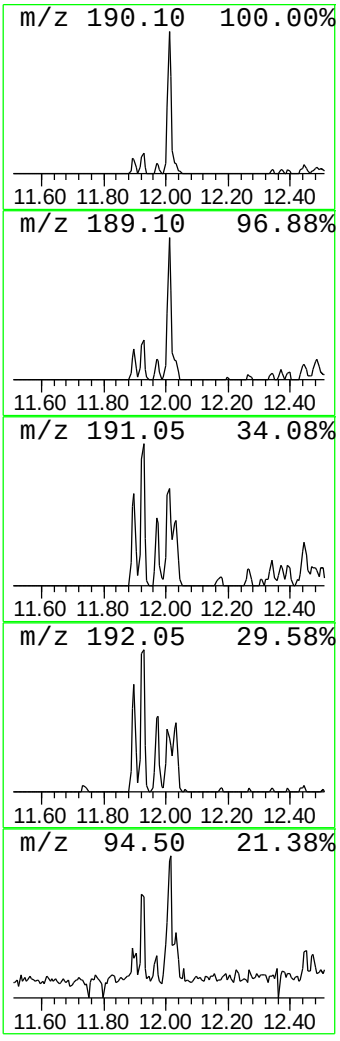
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	2.59 ng	69342	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	55
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.64	6.64	18.9	ng	416097	1	6.87	441160	20.0
Tridecanoic acid	11.91	2.5	ng	66962	4	11.40	534707	20.0
4H-Cyclopenta[def...	12.01	2.6	ng	69342	4	11.40	534707	20.0