LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082021\
Data File : BF125145.D
Acq On : 20 Aug 2021 20:50
Operator : JU/CG
Sample : M3466-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-081821

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125145.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.187	12	17	22	rVB	203485	265204	19.26%	1.810%
2	4.010	322	327	332	rBV2	16332	19523	1.42%	0.133%
3	5.128	513	517	523	rVB	30771	29216	2.12%	0.199%
4	5.528	581	585	592	rBV	820199	709898	51.56%	4.845%
5	6.534	752	756	759	rBV	763924	668420	48.55%	4.562%
6	6.922	818	822	825	rBV	1395303	1054501	76.59%	7.197%
7	7.475	913	916	920	rBV	463955	395231	28.71%	2.698%
8	8.104	1020	1023	1030	rBV2	26809	43716	3.18%	0.298%
9	8.204	1037	1040	1044	rBV	1567379	1244587	90.40%	8.495%
10	9.275	1219	1222	1226	rBV	802907	685236	49.77%	4.677%
11	9.680	1287	1291	1296	rVB3	23684	29717	2.16%	0.203%
12	9.822	1312	1315	1320	rBV	91021	74476	5.41%	0.508%
13	9.963	1335	1339	1342	rBV	1362428	1162419	84.43%	7.934%
14	9.992	1342	1344	1348	rVB	33863	24661	1.79%	0.168%
15	10.163	1368	1373	1376	rBV	22474	26380	1.92%	0.180%
16	10.510	1429	1432	1437	rVB	29488	34086	2.48%	0.233%
17	10.745	1467	1472	1476	rBV	408858	344950	25.05%	2.354%
18	10.874	1488	1494	1497	rVB4	24696	32289	2.35%	0.220%
19	11.310	1561	1568	1569	rBV4	15029	22197	1.61%	0.152%
20	11.339	1569	1573	1579	rVB4	26548	38777	2.82%	0.265%
21	11.451	1588	1592	1594	rBV	1218563	1101625	80.01%	7.519%
22	11.474	1594	1596	1599	rVV	228739	192247	13.96%	1.312%
23	11.521	1602	1604	1607	rVV	102477	81366	5.91%	0.555%
24	11.557	1607	1610	1613	rVB3	20803	23530	1.71%	0.161%
25	11.674	1628	1630	1637	rBV	20020	30262	2.20%	0.207%
26	11.739	1637	1641	1645	rVV4	17092	26827	1.95%	0.183%
27	11.780	1645	1648	1653	rVB	26269	28413	2.06%	0.194%
28	11.833	1653	1657	1660	rBV5	27144	27906	2.03%	0.190%
29	11.974	1674	1681	1685	rBV3	95201	193004	14.02%	1.317%
30	12.027	1687	1690	1692	rVV	38456	39791	2.89%	0.272%
31	12.063	1692	1696	1698	rVV2	118310	133405	9.69%	0.911%
32	12.086	1698	1700	1703	rVB	46139	40443	2.94%	0.276%
33	12.145	1708	1710	1714	rVB3	19798	17861	1.30%	0.122%
34	12.180	1714	1716	1719	rVB2	19910	20418	1.48%	0.139%
35	12.221	1719	1723	1724	rBV4	15247	21227	1.54%	0.145%
36	12.245	1724	1727	1729	rVV2	45397	35185	2.56%	0.240%

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Instrument : BNA_F
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Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.268	1729	1731	1735	rVB3	32703	32077	2.33%	0.219%
38	12.374	1747	1749	1751	rBV2	23469	21354	1.55%	0.146%
39	12.427	1755	1758	1759	rBV	32609	26699	1.94%	0.182%
40	12.498	1767	1770	1773	rBV	79760	79959	5.81%	0.546%
41	12.533	1773	1776	1779	rVV4	57772	77328	5.62%	0.528%
42	12.586	1782	1785	1788	rBV3	43376	48024	3.49%	0.328%
43	12.663	1794	1798	1801	rBV	821845	662888	48.15%	4.524%
44	12.757	1811	1814	1817	rBV3	65391	80574	5.85%	0.550%
45	12.815	1821	1824	1826	rBV	51619	50816	3.69%	0.347%
46	12.892	1831	1837	1843	rBV	764057	822448	59.74%	5.613%
47	13.010	1854	1857	1858	rBV2	48882	49487	3.59%	0.338%
48	13.033	1858	1861	1864	rVV	701906	602253	43.74%	4.111%
49	13.115	1870	1875	1878	rBV3	66351	122380	8.89%	0.835%
50	13.198	1886	1889	1890	rBV2	48103	56696	4.12%	0.387%
51	13.215	1890	1892	1895	rVB	134319	128525	9.33%	0.877%
52	13.286	1902	1904	1906	rVB	90892	64887	4.71%	0.443%
53	13.321	1908	1910	1913	rVV2	68353	68699	4.99%	0.469%
54	13.415	1924	1926	1929	rBV	59846	44656	3.24%	0.305%
55	13.868	2001	2003	2005	rBV	61413	43677	3.17%	0.298%
56	13.933	2012	2014	2017	rVB	85352	68598	4.98%	0.468%
57	14.092	2036	2041	2044	rBV2	1159240	1376822	100.00%	9.397%
58	14.115	2044	2045	2051	rVB	353198	260899	18.95%	1.781%
59	15.151	2218	2221	2225	rBV	228478	362928	26.36%	2.477%
60	15.598	2293	2297	2300	rBV	438756	579812	42.11%	3.957%

Sum of corrected areas: 14651480

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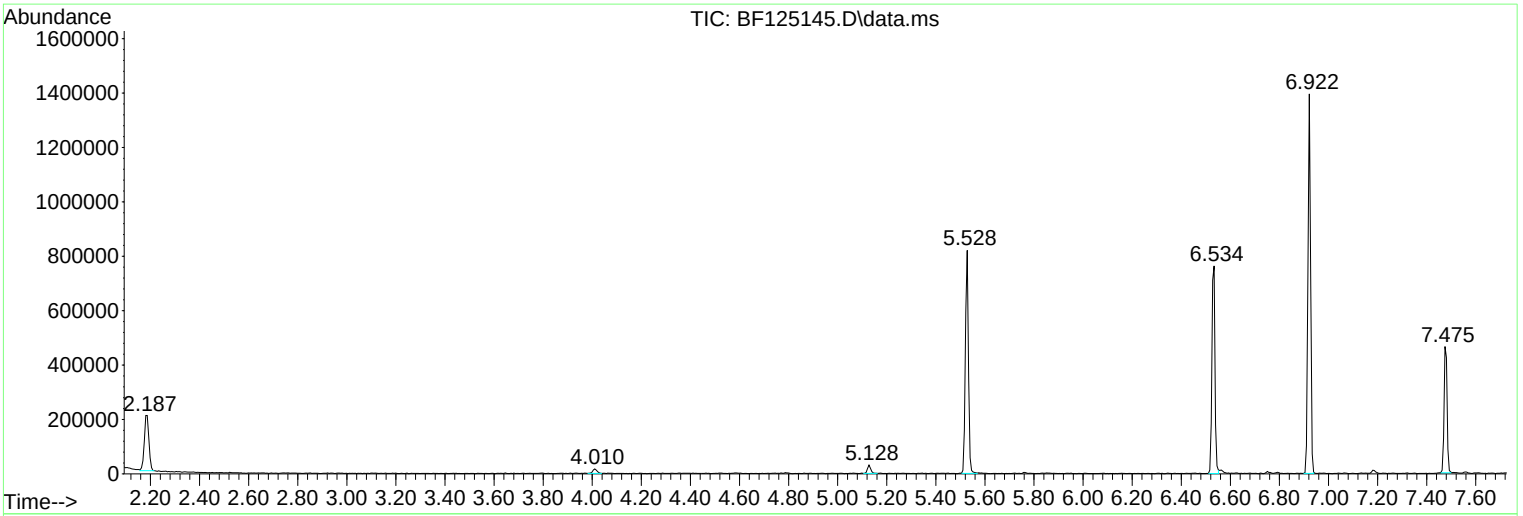
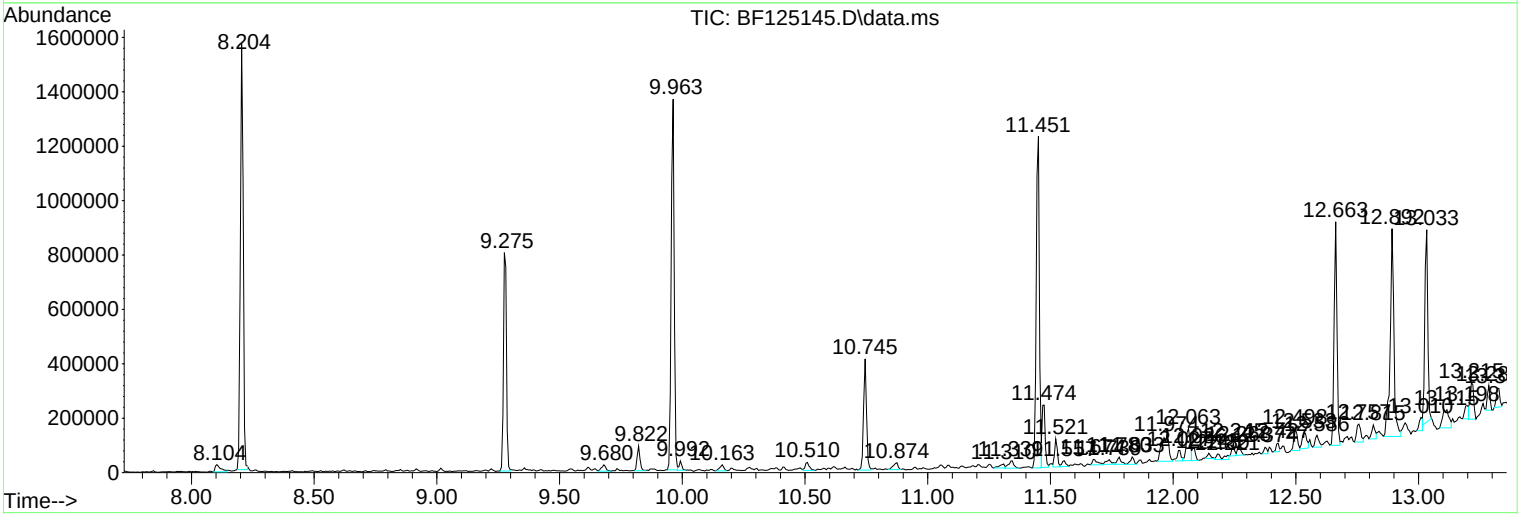
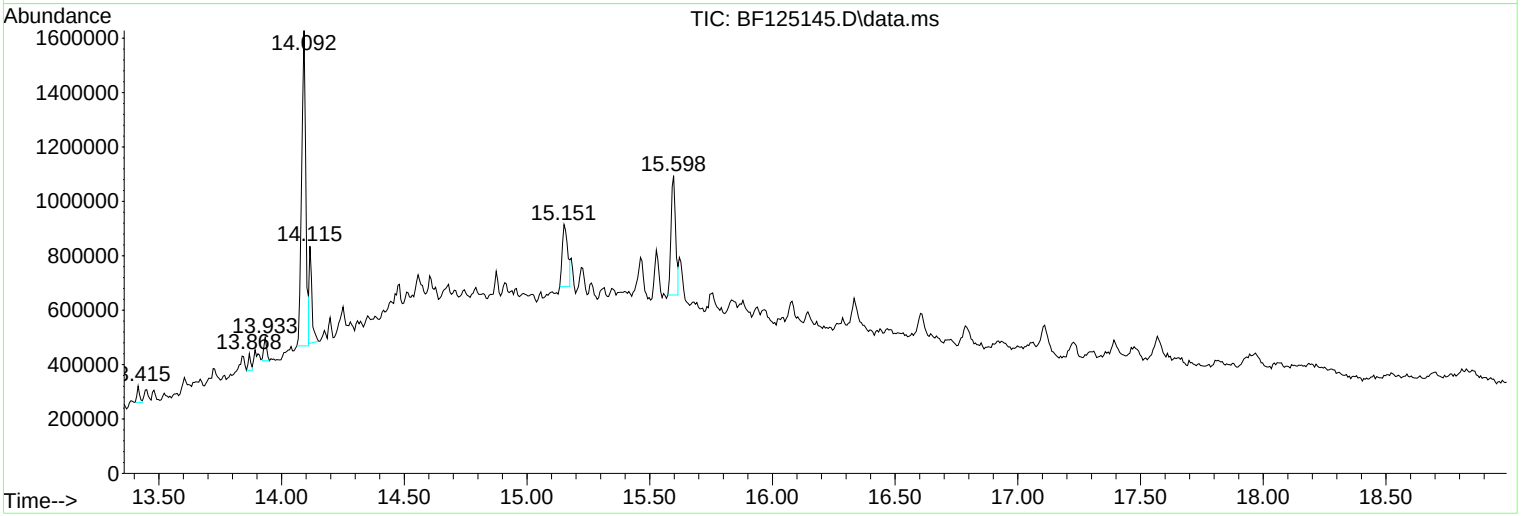
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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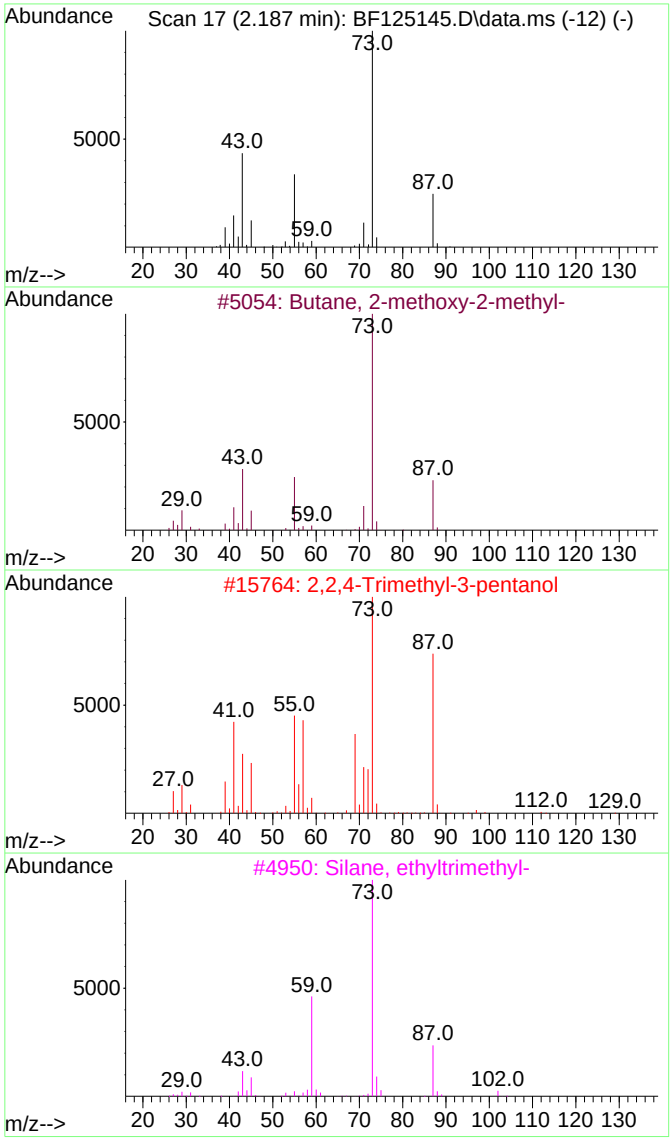
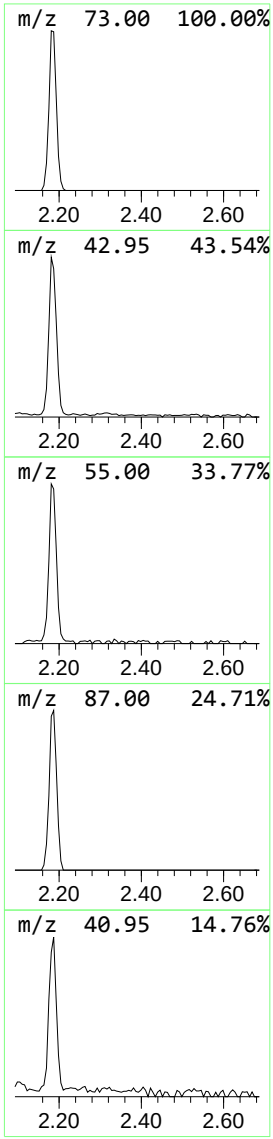
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.187	5.03 ng	265204	1,4-Dichlorobenzene-d4	6.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	25
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23





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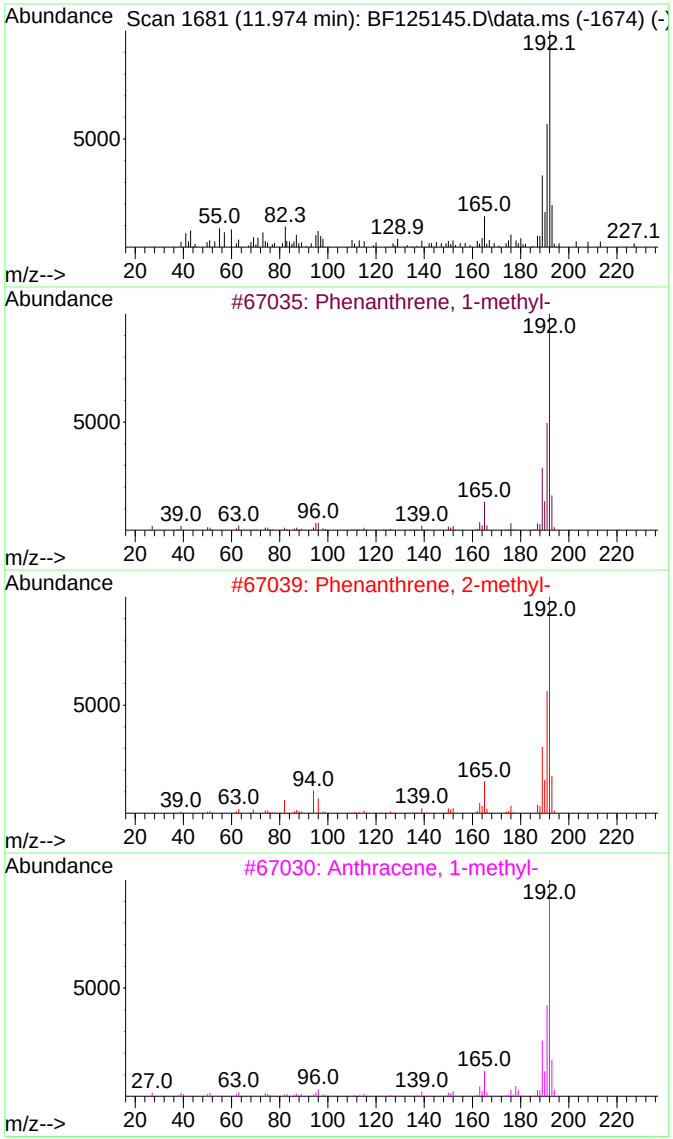
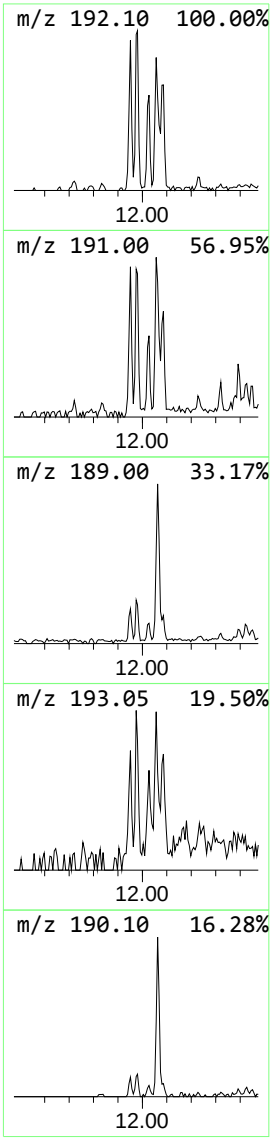
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.974	3.50 ng	193004	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Instrument :
BNA_F
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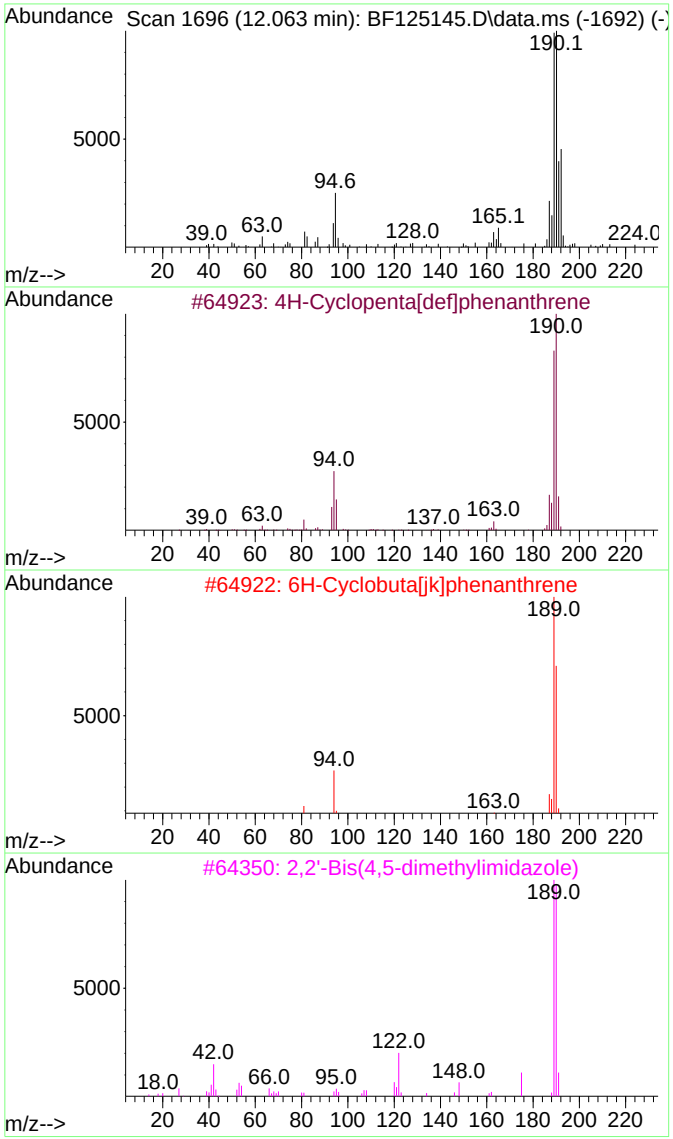
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

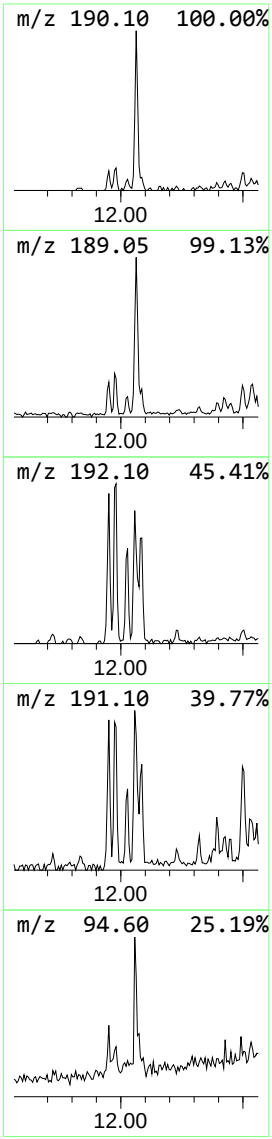
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	2.42 ng	133405	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43
4	Methyl diselenide	190	C2H6Se2	007101-31-7	38
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.187	5.0	ng	265204	1	6.922	1054500	20.0
Phenanthrene, 1...	11.974	3.5	ng	193004	4	11.451	1101630	20.0
4H-Cyclopenta[d...	12.063	2.4	ng	133405	4	11.451	1101630	20.0