LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
Data File : BF138342.D
Acq On : 25 Jun 2024 19:08
Operator : CG\JU
Sample : P3021-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ARS20-008

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-BF061224.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138342.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	5	10	16	rVB	330218	402331	23.69%	2.083%
2	3.957	313	318	325	rVB	15260	19287	1.14%	0.100%
3	5.087	507	510	516	rVB	20270	20262	1.19%	0.105%
4	5.498	576	580	592	rVB	297462	277121	16.32%	1.435%
5	6.504	748	751	764	rVB	348714	278338	16.39%	1.441%
6	6.887	812	816	819	rBV	1443821	1187609	69.93%	6.149%
7	7.439	907	910	915	rBV	228262	175956	10.36%	0.911%
8	8.169	1030	1034	1036	rBV	1660462	1501646	88.42%	7.775%
9	8.186	1036	1037	1041	rVB	96087	54253	3.19%	0.281%
10	8.881	1152	1155	1159	rBV	41740	35093	2.07%	0.182%
11	8.975	1168	1171	1174	rBV	45633	37472	2.21%	0.194%
12	9.239	1212	1216	1219	rBV	456751	350304	20.63%	1.814%
13	9.498	1256	1260	1265	rBV2	27366	37403	2.20%	0.194%
14	9.575	1270	1273	1276	rBV	56243	57996	3.41%	0.300%
15	9.692	1290	1293	1295	rBV	31040	26522	1.56%	0.137%
16	9.780	1302	1308	1311	rVB	54821	44849	2.64%	0.232%
17	9.922	1328	1332	1335	rBV	1910939	1478210	87.04%	7.653%
18	9.951	1335	1337	1341	rVB	268865	202523	11.92%	1.049%
19	10.016	1344	1348	1354	rVB2	104870	132983	7.83%	0.689%
20	10.122	1363	1366	1370	rBV	138542	121728	7.17%	0.630%
21	10.163	1370	1373	1381	rVB	28419	29101	1.71%	0.151%
22	10.233	1382	1385	1388	rBV2	26442	26616	1.57%	0.138%
23	10.263	1388	1390	1397	rVB	27095	22268	1.31%	0.115%
24	10.328	1397	1401	1403	rBV3	30383	40501	2.38%	0.210%
25	10.469	1421	1425	1430	rVB	195335	186446	10.98%	0.965%
26	10.627	1449	1452	1457	rVB2	71906	92117	5.42%	0.477%
27	10.704	1460	1465	1469	rVV	238929	232337	13.68%	1.203%
28	10.751	1469	1473	1478	rVB2	14163	21487	1.27%	0.111%
29	10.833	1482	1487	1490	rVB4	30377	35012	2.06%	0.181%
30	11.016	1511	1518	1520	rBV3	48179	62143	3.66%	0.322%
31	11.098	1529	1532	1535	rVB3	21984	20643	1.22%	0.107%
32	11.139	1535	1539	1541	rBV3	33026	37229	2.19%	0.193%
33	11.210	1548	1551	1555	rVB	66461	58093	3.42%	0.301%
34	11.263	1555	1560	1563	rBV2	40806	68255	4.02%	0.353%
35	11.304	1564	1567	1574	rVB	85041	81162	4.78%	0.420%
36	11.410	1581	1585	1587	rBV	1429506	1434404	84.46%	7.427%

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Instrument :
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.427	1587	1588	1592	rVV	1177514	927116	54.59%	4.800%
38	11.480	1594	1597	1600	rVV	310968	250862	14.77%	1.299%
39	11.516	1600	1603	1606	rVB2	24153	27571	1.62%	0.143%
40	11.633	1618	1623	1626	rBV2	65037	81447	4.80%	0.422%
41	11.704	1632	1635	1638	rBV3	30260	28533	1.68%	0.148%
42	11.739	1638	1641	1647	rVB3	28554	31330	1.84%	0.162%
43	11.816	1652	1654	1659	rVB	17376	22588	1.33%	0.117%
44	11.863	1659	1662	1664	rBV3	18693	18815	1.11%	0.097%
45	11.910	1664	1670	1672	rBV	160898	167320	9.85%	0.866%
46	11.933	1672	1674	1677	rVV	215160	177435	10.45%	0.919%
47	11.980	1680	1682	1685	rVB	75768	64729	3.81%	0.335%
48	12.022	1685	1689	1691	rBV2	225856	240567	14.17%	1.246%
49	12.039	1691	1692	1698	rVB	103335	79136	4.66%	0.410%
50	12.086	1698	1700	1702	rBV2	18998	18961	1.12%	0.098%
51	12.180	1711	1716	1717	rBV4	17973	30626	1.80%	0.159%
52	12.204	1717	1720	1722	rVV	119234	102973	6.06%	0.533%
53	12.227	1722	1724	1728	rVB	80641	70270	4.14%	0.364%
54	12.351	1743	1745	1748	rBV	37463	28643	1.69%	0.148%
55	12.380	1748	1750	1752	rBV	33722	26955	1.59%	0.140%
56	12.404	1752	1754	1757	rVB	29634	24566	1.45%	0.127%
57	12.457	1760	1763	1766	rVV	93996	95036	5.60%	0.492%
58	12.498	1766	1770	1771	rVV2	58070	73996	4.36%	0.383%
59	12.539	1775	1777	1782	rVV2	76987	83132	4.89%	0.430%
60	12.621	1787	1791	1794	rBV	1343633	1203570	70.87%	6.232%
61	12.716	1804	1807	1809	rBV	43649	37625	2.22%	0.195%
62	12.851	1824	1830	1833	rBV	1126331	1222489	71.98%	6.329%
63	12.898	1835	1838	1842	rVB2	66588	67132	3.95%	0.348%
64	12.969	1847	1850	1851	rBV	66617	68645	4.04%	0.355%
65	12.986	1851	1853	1860	rVB	368373	357107	21.03%	1.849%
66	13.069	1862	1867	1869	rBV2	98594	151088	8.90%	0.782%
67	13.151	1878	1881	1883	rBV2	62863	77749	4.58%	0.403%
68	13.174	1883	1885	1889	rVB	167782	142996	8.42%	0.740%
69	13.239	1894	1896	1899	rBV	109509	99601	5.86%	0.516%
70	13.280	1899	1903	1906	rBV2	126208	146699	8.64%	0.760%
71	13.368	1916	1918	1921	rBV	66937	70978	4.18%	0.367%
72	13.404	1921	1924	1931	rVV2	82675	112593	6.63%	0.583%
73	13.680	1969	1971	1976	rVB	100062	94055	5.54%	0.487%
74	13.821	1993	1995	1997	rBV	81526	67884	4.00%	0.351%
75	13.892	2004	2007	2011	rBV	75570	77175	4.54%	0.400%
76	14.045	2028	2033	2036	rBV2	1439410	1698312	100.00%	8.793%

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77	14.068	2036	2037	2044	rVB	469190	409722	24.13%	2.121%
78	15.092	2207	2211	2213	rBV	290337	426133	25.09%	2.206%
79	15.457	2270	2273	2279	rVB	279973	348411	20.52%	1.804%
80	15.521	2280	2284	2288	rBV	719226	871907	51.34%	4.514%

Sum of corrected areas: 19314178

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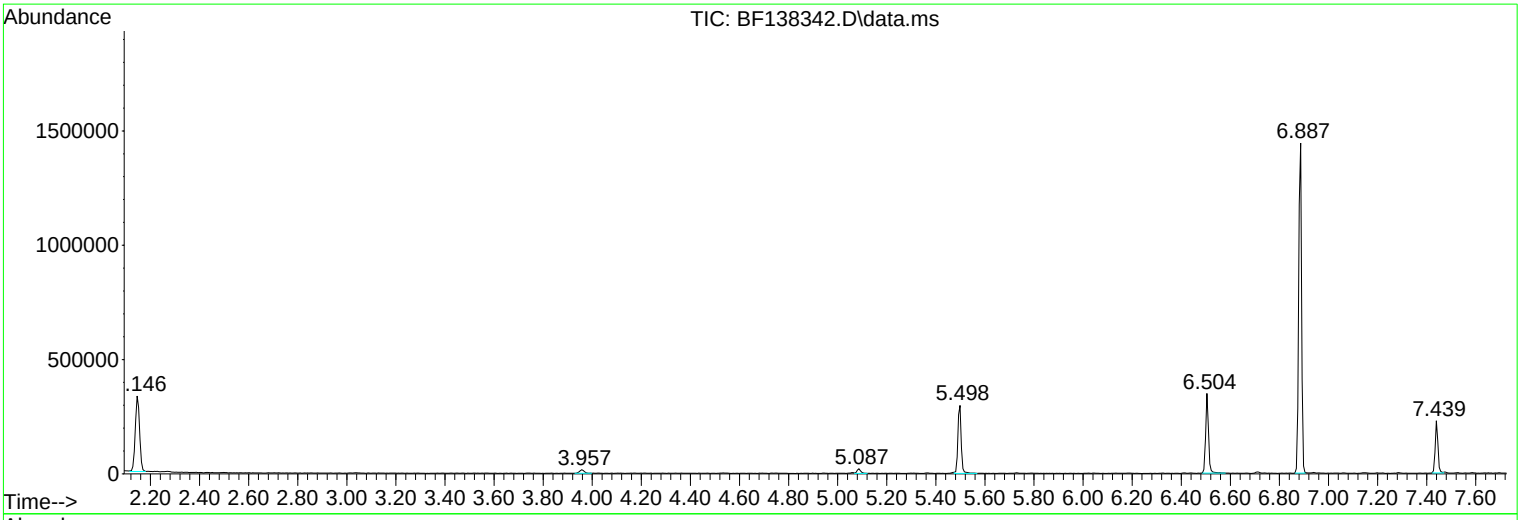
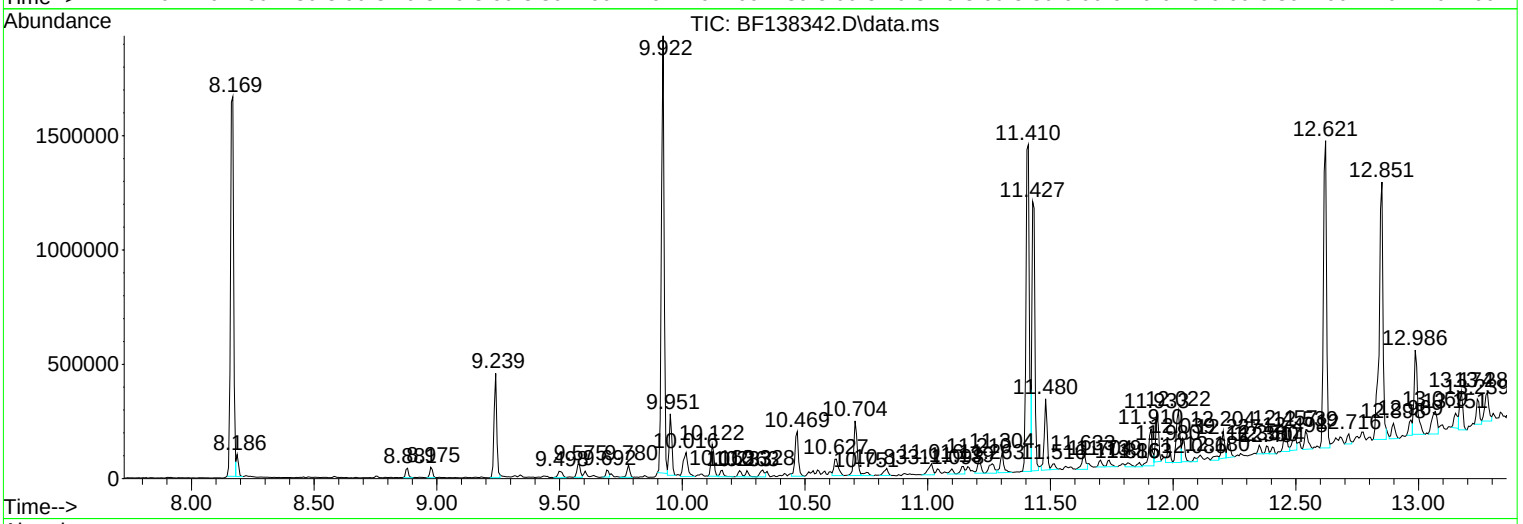
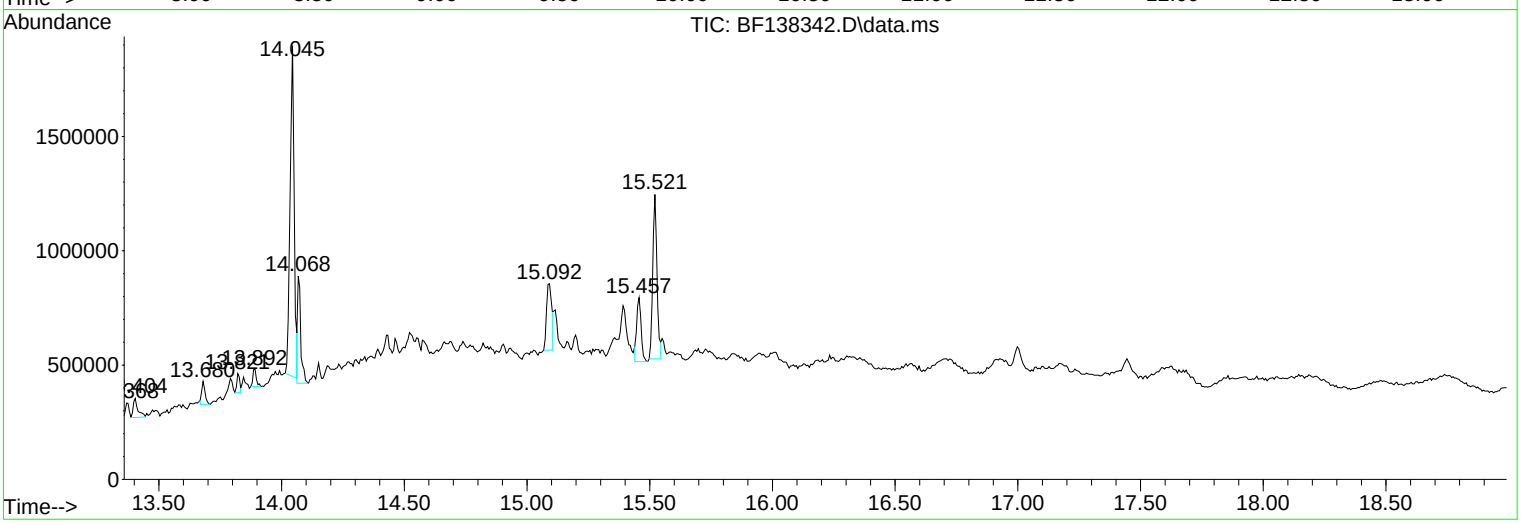
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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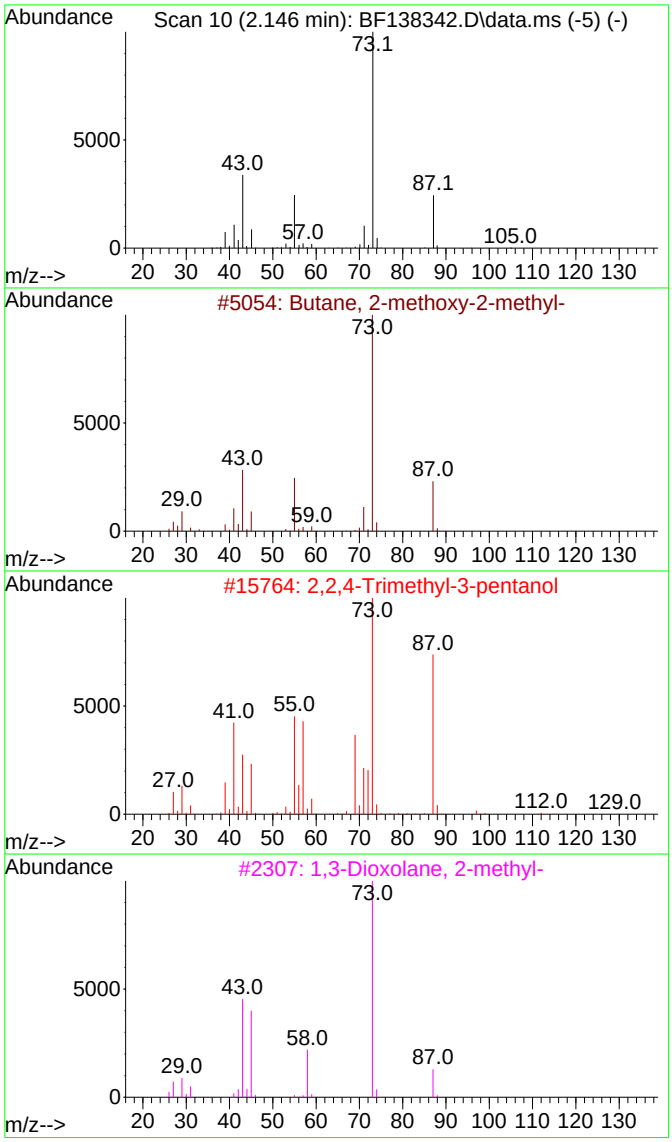
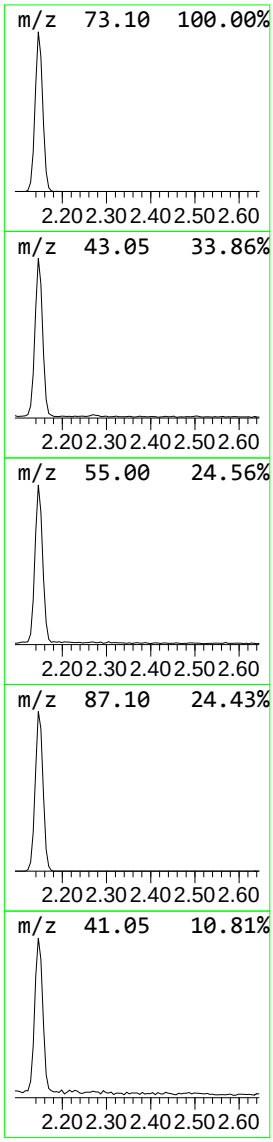
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.146	6.78 ng	402331	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

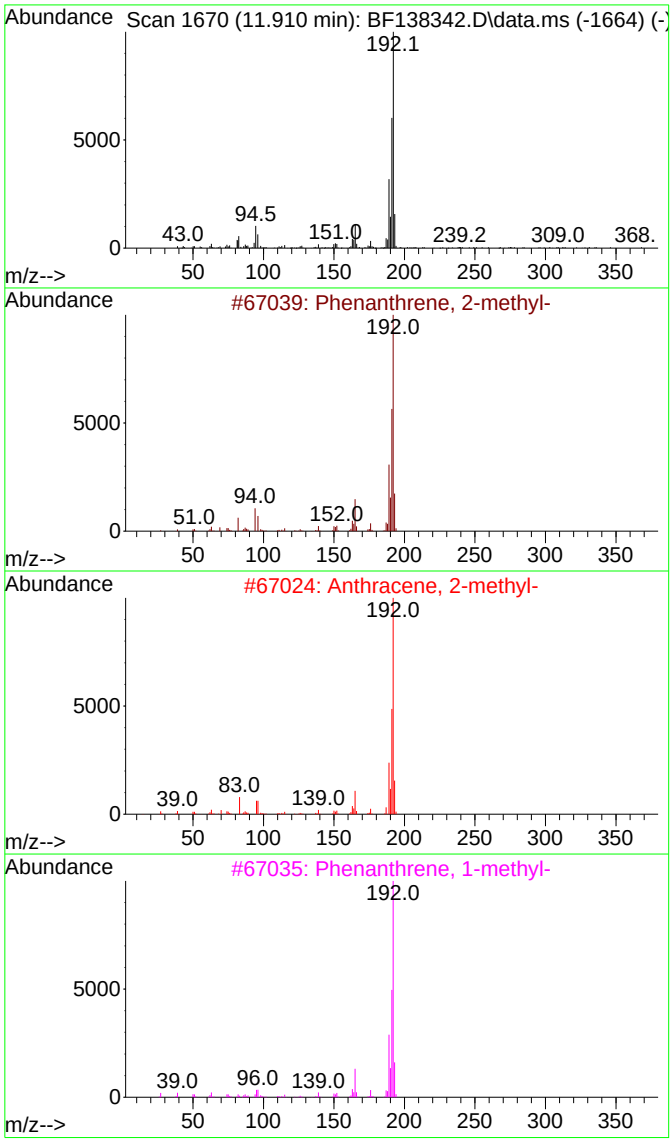
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

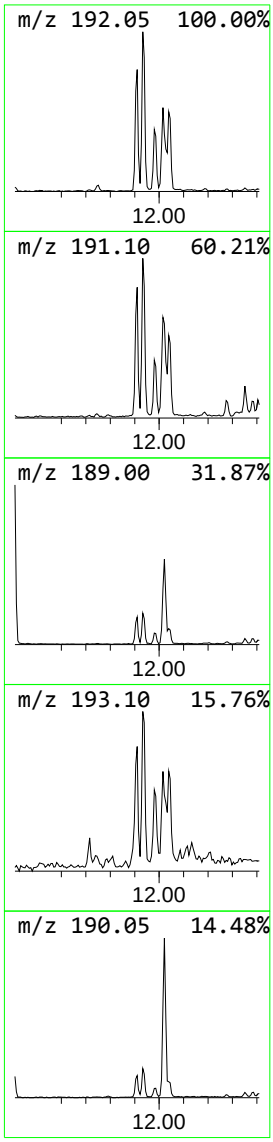
****

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	2.33 ng	167320	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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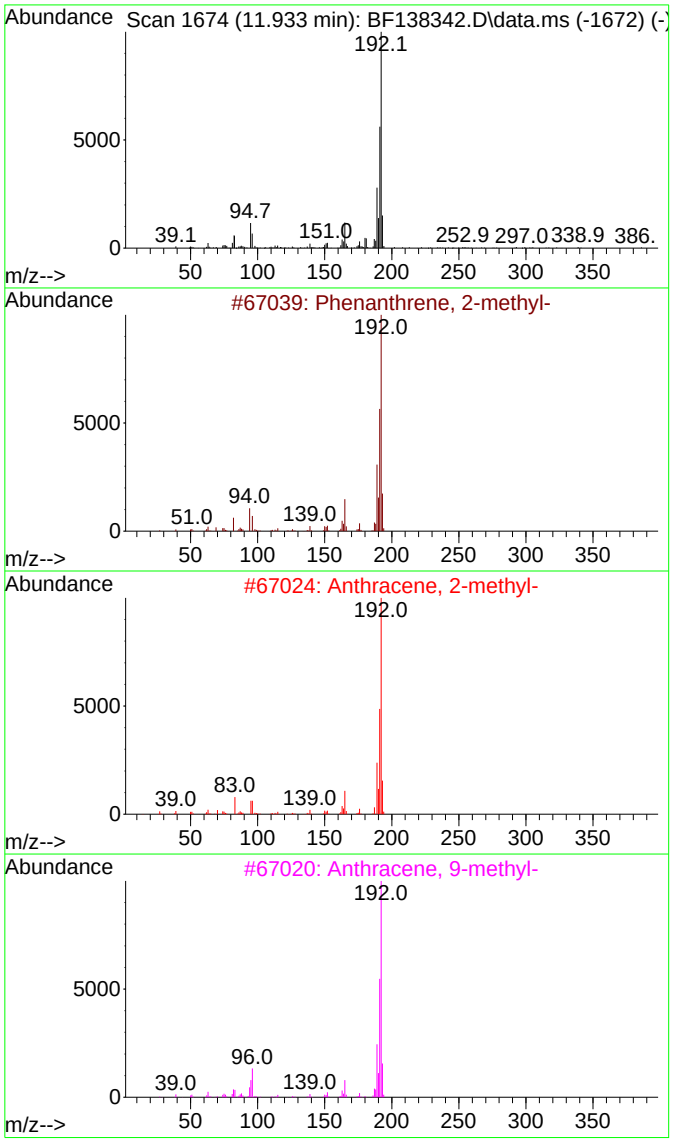
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

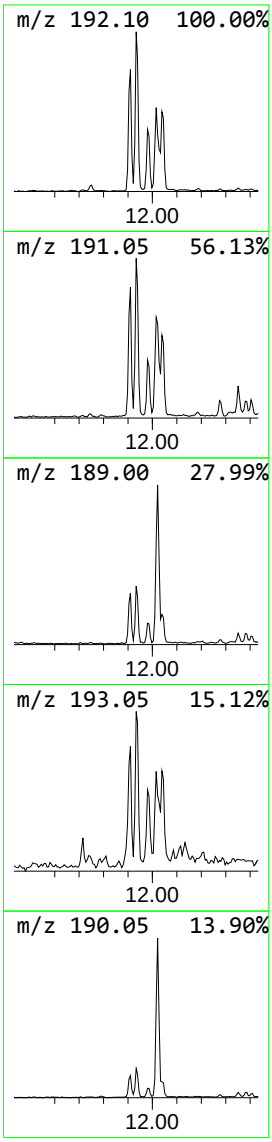
****

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	2.47 ng	177435	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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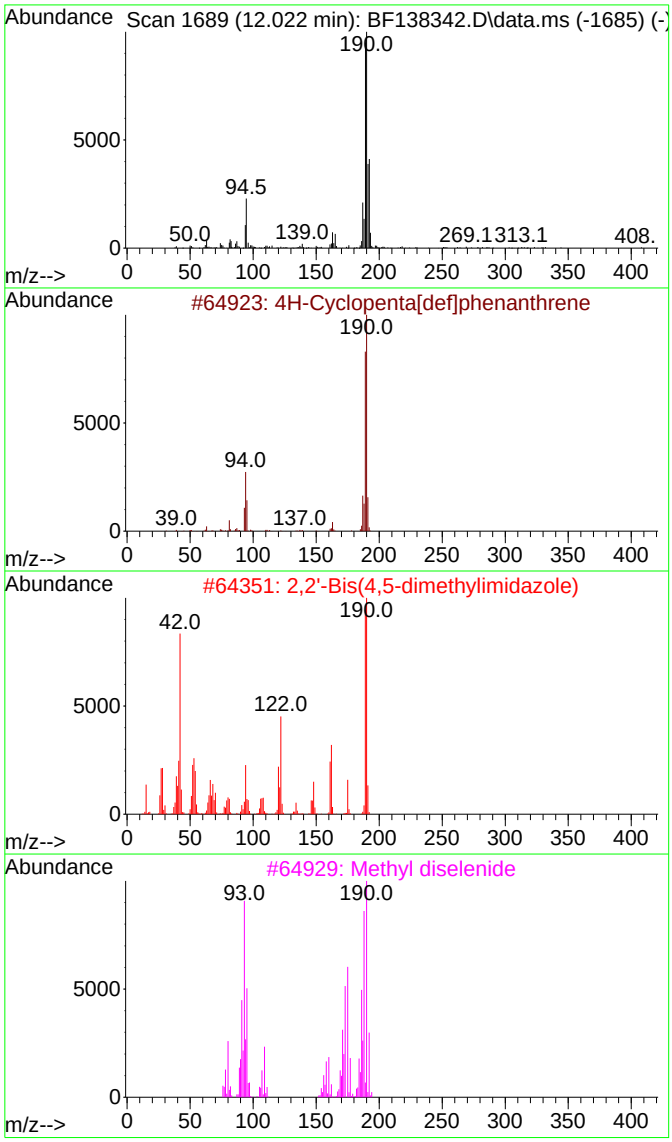
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

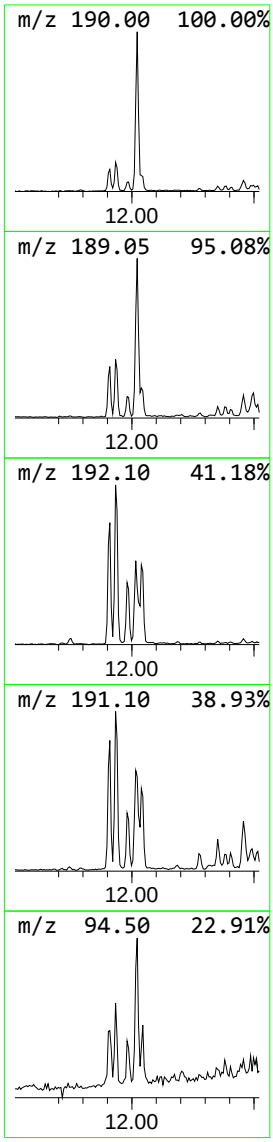
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	3.35 ng	240567	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
3	Methyl diselenide	190	C2H6Se2	007101-31-7	38
4	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	25
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	23





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.146	6.8	ng	402331	1	6.887	1187610	20.0
Phenanthrene, 2...	11.910	2.3	ng	167320	4	11.410	1434400	20.0
Anthracene, 2-m...	11.933	2.5	ng	177435	4	11.410	1434400	20.0
4H-Cyclopenta[d...	12.022	3.4	ng	240567	4	11.410	1434400	20.0