

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110421\
 Data File : BF126055.D
 Acq On : 4 Nov 2021 20:11
 Operator : JU/CG
 Sample : M4501-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11929

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-BF110321.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126055.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.910	306	310	317	rVB	16176	20384	1.24%	0.118%
2	5.457	566	573	584	rBV	716396	633452	38.51%	3.675%
3	6.469	741	745	752	rBV	778349	624501	37.96%	3.623%
4	6.851	807	810	814	rBV	1138426	936272	56.92%	5.431%
5	7.410	901	905	910	rBV	446218	373151	22.68%	2.165%
6	8.039	1008	1012	1015	rBV2	22183	24832	1.51%	0.144%
7	8.134	1024	1028	1035	rBV	1261180	1025220	62.32%	5.947%
8	9.210	1207	1211	1219	rBV	726449	662065	40.25%	3.841%
9	9.886	1322	1326	1330	rBV	1235291	1011260	61.48%	5.866%
10	9.916	1330	1331	1335	rVB	33326	25515	1.55%	0.148%
11	10.092	1356	1361	1365	rBV	17855	18346	1.12%	0.106%
12	10.433	1416	1419	1424	rVB3	26903	25549	1.55%	0.148%
13	10.669	1456	1459	1467	rBV	409225	359096	21.83%	2.083%
14	10.798	1477	1481	1488	rVB5	15042	19613	1.19%	0.114%
15	10.980	1505	1512	1515	rBV4	14948	21238	1.29%	0.123%
16	11.110	1529	1534	1536	rBV4	16430	19001	1.16%	0.110%
17	11.369	1575	1578	1580	rBV	1209893	979903	59.57%	5.685%
18	11.392	1580	1582	1586	rVV	418529	327936	19.94%	1.902%
19	11.445	1588	1591	1594	rVV	120182	94994	5.77%	0.551%
20	11.480	1594	1597	1601	rVB3	17439	19359	1.18%	0.112%
21	11.598	1613	1617	1620	rBV2	13684	18618	1.13%	0.108%
22	11.669	1626	1629	1633	rBV	19869	16555	1.01%	0.096%
23	11.875	1658	1664	1666	rBV	58264	60205	3.66%	0.349%
24	11.898	1666	1668	1672	rVV	86467	77030	4.68%	0.447%
25	11.945	1673	1676	1679	rVV	48109	41255	2.51%	0.239%
26	11.986	1679	1683	1685	rVV2	106310	124614	7.58%	0.723%
27	12.004	1685	1686	1689	rVB	51117	36166	2.20%	0.210%
28	12.169	1709	1714	1716	rBV	56604	58426	3.55%	0.339%
29	12.186	1716	1717	1720	rVB2	34302	23382	1.42%	0.136%
30	12.316	1734	1739	1742	rBV4	31553	33835	2.06%	0.196%
31	12.369	1746	1748	1751	rVB3	18967	17746	1.08%	0.103%
32	12.422	1751	1757	1761	rBV	73337	103721	6.31%	0.602%
33	12.463	1761	1764	1765	rVV3	35724	40498	2.46%	0.235%
34	12.504	1768	1771	1777	rVB	72914	82664	5.03%	0.480%
35	12.580	1781	1784	1788	rBV	1013310	897216	54.54%	5.205%
36	12.645	1793	1795	1798	rVB3	20819	18200	1.11%	0.106%

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Smoothing : ON

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Sampling : 1

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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37	12.710	1803	1806	1808	rBV4	19324	27109	1.65%	0.157%
38	12.733	1808	1810	1812	rVB	29469	22128	1.35%	0.128%
39	12.810	1817	1823	1826	rVV	1020604	989993	60.18%	5.743%
40	12.857	1829	1831	1839	rVV2	35512	54605	3.32%	0.317%

41	12.951	1844	1847	1854	rVB	828111	782080	47.54%	4.537%
42	13.033	1854	1861	1864	rBV3	80848	141811	8.62%	0.823%
43	13.063	1864	1866	1868	rVB3	25913	18386	1.12%	0.107%
44	13.092	1868	1871	1872	rBV3	26104	24579	1.49%	0.143%
45	13.116	1872	1875	1876	rBV2	56388	56907	3.46%	0.330%

46	13.139	1876	1879	1882	rVB	123913	126840	7.71%	0.736%
47	13.169	1882	1884	1886	rBV2	19411	20012	1.22%	0.116%
48	13.204	1887	1890	1893	rVB	78181	61864	3.76%	0.359%
49	13.239	1893	1896	1900	rBV	108307	129886	7.90%	0.753%
50	13.269	1900	1901	1904	rVB2	22813	18194	1.11%	0.106%

51	13.298	1904	1906	1908	rBV3	20175	19324	1.17%	0.112%
52	13.333	1908	1912	1915	rBV	61700	69246	4.21%	0.402%
53	13.363	1915	1917	1921	rBV3	59713	57564	3.50%	0.334%
54	13.445	1927	1931	1933	rBV4	21251	29783	1.81%	0.173%
55	13.516	1941	1943	1945	rBV3	25373	29501	1.79%	0.171%

56	13.539	1945	1947	1949	rVV3	19532	20687	1.26%	0.120%
57	13.592	1954	1956	1958	rBV3	18581	16816	1.02%	0.098%
58	13.645	1962	1965	1970	rVB	71399	84565	5.14%	0.491%
59	13.757	1980	1984	1987	rBV3	73382	106166	6.45%	0.616%
60	13.786	1987	1989	1991	rVV	90001	73362	4.46%	0.426%

61	13.810	1991	1993	1997	rVV3	85982	116733	7.10%	0.677%
62	13.851	1997	2000	2007	rVB3	72278	115189	7.00%	0.668%
63	14.010	2019	2027	2029	rBV2	1319916	1644988	100.00%	9.543%
64	14.033	2029	2031	2034	rVB	433172	325571	19.79%	1.889%
65	14.116	2042	2045	2049	rVB	72372	67800	4.12%	0.393%

66	14.227	2061	2064	2068	rBV2	42299	62715	3.81%	0.364%
67	14.392	2090	2092	2095	rVB	93207	77085	4.69%	0.447%
68	14.486	2106	2108	2110	rVB3	55854	46176	2.81%	0.268%
69	15.045	2199	2203	2206	rBV	387307	543529	33.04%	3.153%
70	15.151	2219	2221	2225	rVB	78395	75409	4.58%	0.437%

71	15.345	2251	2254	2261	rVB	214786	299090	18.18%	1.735%
72	15.410	2261	2265	2271	rBV	321557	392698	23.87%	2.278%
73	15.474	2271	2276	2279	rBV	600287	775000	47.11%	4.496%
74	15.504	2279	2281	2288	rVB3	139004	209797	12.75%	1.217%
75	15.951	2355	2357	2361	rVB4	61628	69667	4.24%	0.404%

76	16.927	2517	2523	2531	rVB2	158691	319905	19.45%	1.856%
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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
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-BF110321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	17.362	2593	2597	2604	rVB	132482	243402	14.80%	1.412%
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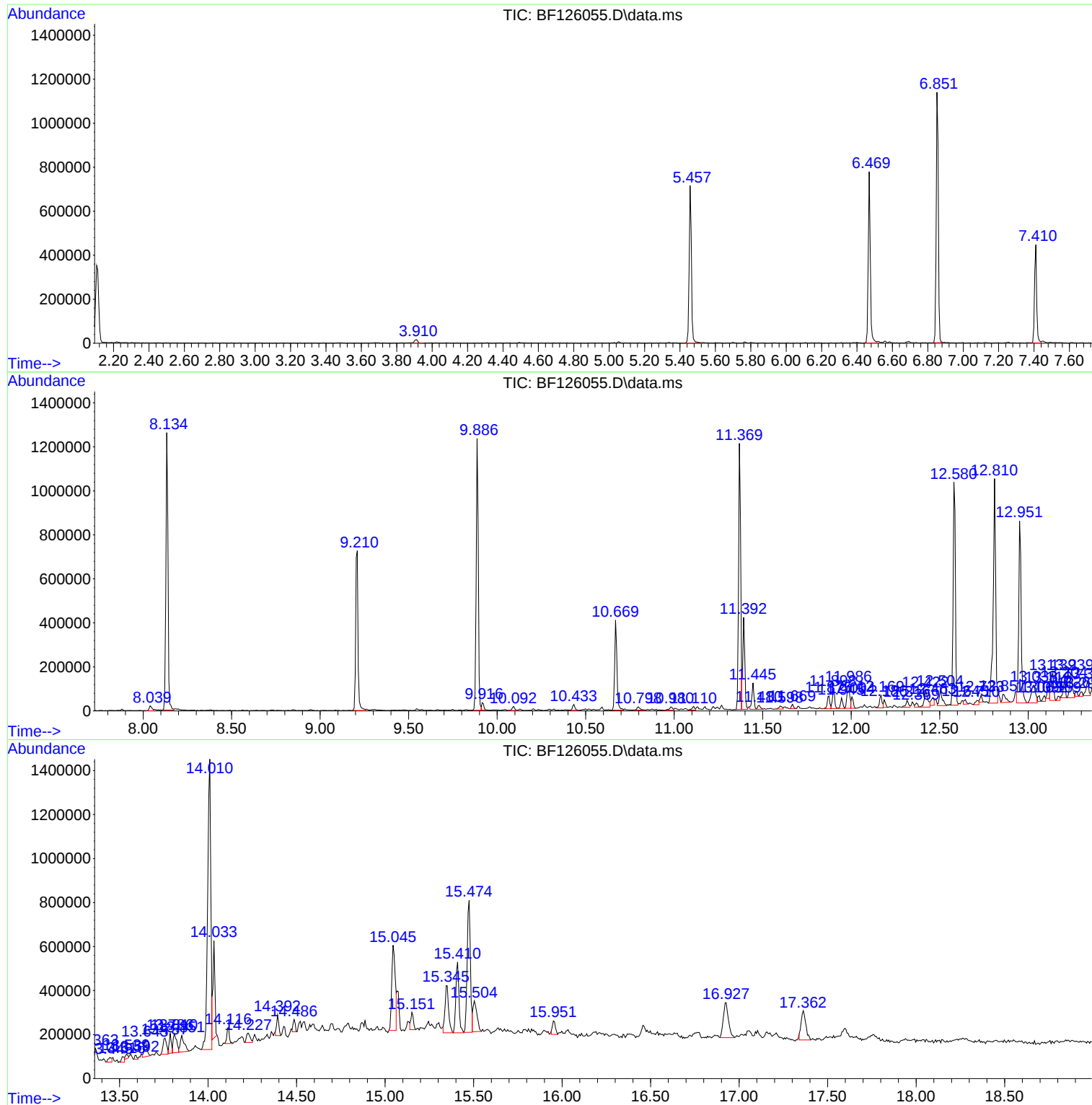
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Misc :
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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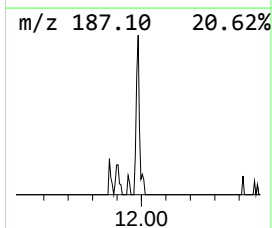
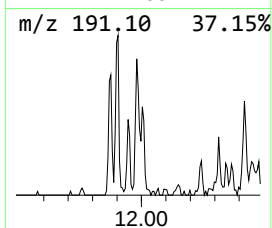
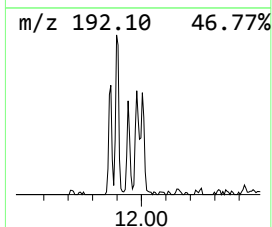
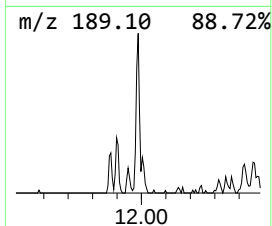
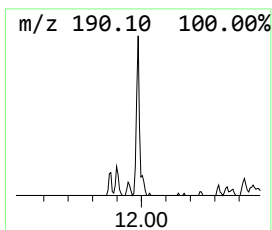
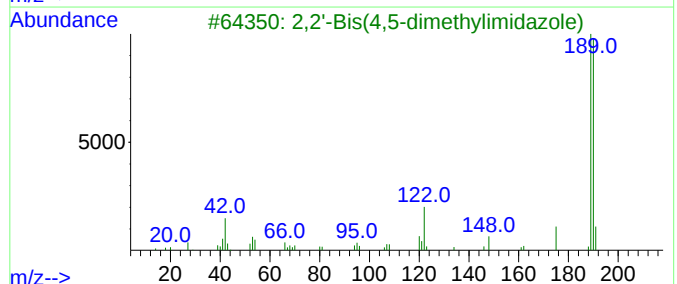
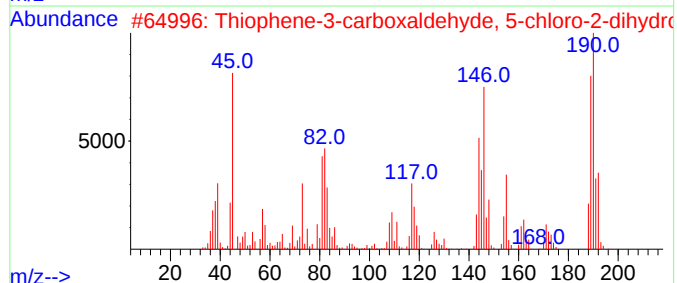
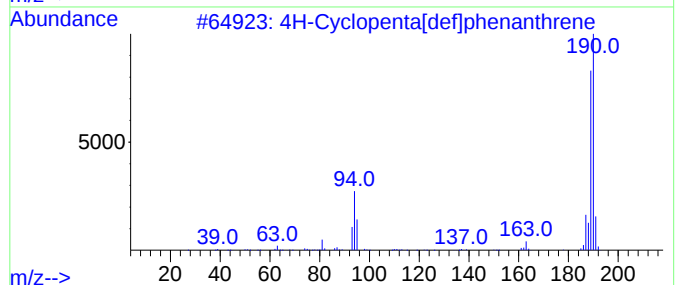
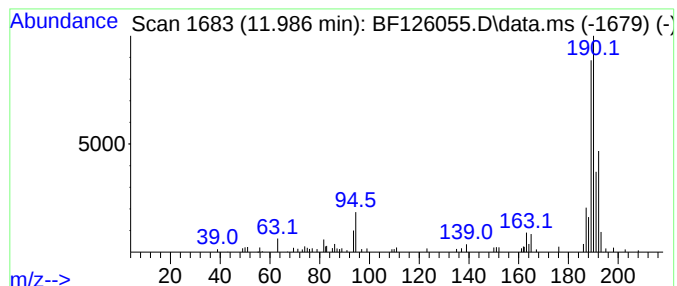
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.986	2.54 ng	124614	Phenanthrene-d10	11.369	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
4	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	38
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	38



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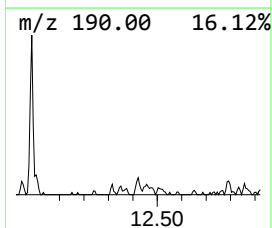
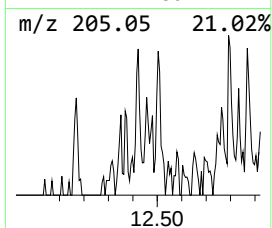
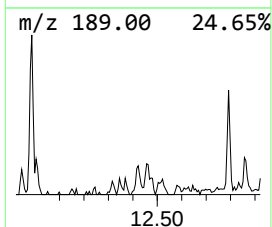
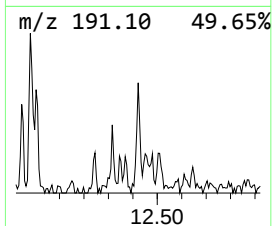
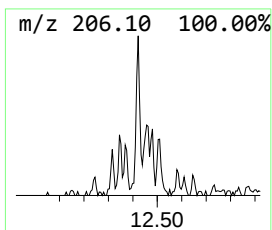
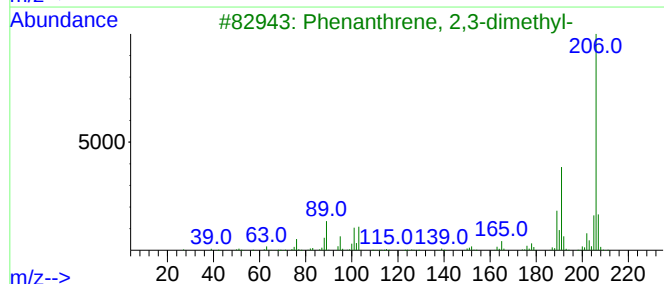
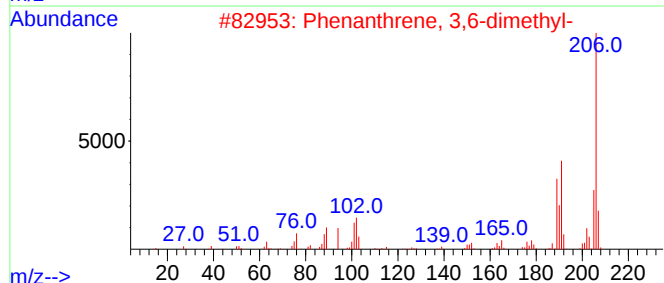
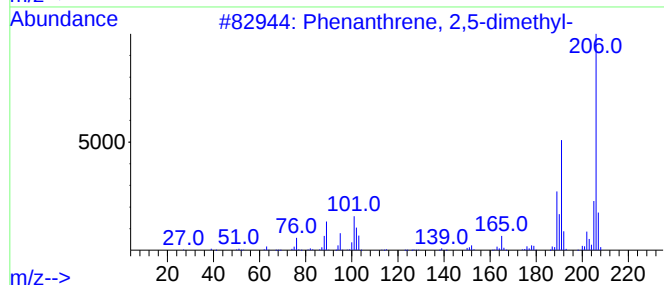
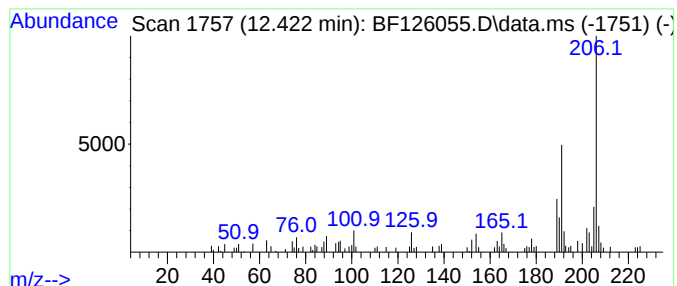
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Phenanthrene, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.422	2.12 ng	103721	Phenanthrene-d10	11.369

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4			3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
5			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
4H-Cyclopenta[d... 11.986	2.5	ng	124614	4	11.369	979903	20.0	
Phenanthrene, 2... 12.422	2.1	ng	103721	4	11.369	979903	20.0	