

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
 Data File : BF144337.D
 Acq On : 24 Nov 2025 21:44
 Operator : RC/JU
 Sample : Q3709-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LI-1-112125

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-BF110525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144337.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.075	484	490	499	rBV	185726	277241	32.99%	2.785%
2	5.481	554	559	581	rBV	588203	840408	100.00%	8.444%
3	6.493	725	731	757	rBV	596981	838928	99.82%	8.429%
4	6.863	789	794	802	rBV	246035	320381	38.12%	3.219%
5	7.422	883	889	901	rBV	390922	507639	60.40%	5.100%
6	8.145	1006	1012	1023	rBV	288199	386485	45.99%	3.883%
7	9.216	1189	1194	1204	rBV	675065	840102	99.96%	8.441%
8	9.898	1305	1310	1314	rBV	309169	386549	46.00%	3.884%
9	9.933	1314	1316	1324	rVB	23453	24117	2.87%	0.242%
10	10.451	1398	1404	1410	rBV	13708	17471	2.08%	0.176%
11	10.516	1410	1415	1422	rVV6	4253	10911	1.30%	0.110%
12	10.610	1426	1431	1439	rVV	75149	99937	11.89%	1.004%
13	10.692	1439	1445	1457	rVV	337900	462096	54.98%	4.643%
14	10.810	1460	1465	1473	rVB8	4986	12466	1.48%	0.125%
15	11.392	1558	1564	1573	rBV2	267228	420003	49.98%	4.220%
16	11.469	1573	1577	1581	rVV	14378	17739	2.11%	0.178%
17	11.627	1599	1604	1608	rBV2	5903	10371	1.23%	0.104%
18	11.916	1645	1653	1660	rBV2	70900	133748	15.91%	1.344%
19	12.004	1665	1668	1677	rVB2	22420	41966	4.99%	0.422%
20	12.222	1702	1705	1710	rVB2	10531	13823	1.64%	0.139%
21	12.474	1745	1748	1754	rVB6	6643	8853	1.05%	0.089%
22	12.533	1754	1758	1765	rVB	14120	19796	2.36%	0.199%
23	12.604	1765	1770	1779	rBV	179523	247067	29.40%	2.482%
24	12.698	1783	1786	1791	rBV2	12441	17118	2.04%	0.172%
25	12.839	1803	1810	1817	rBV	162203	245710	29.24%	2.469%
26	12.974	1827	1833	1842	rVB	568943	743269	88.44%	7.468%
27	13.051	1842	1846	1851	rBV3	19899	33785	4.02%	0.339%
28	13.163	1857	1865	1869	rBV	30247	64969	7.73%	0.653%
29	13.233	1873	1877	1880	rVV	17121	21626	2.57%	0.217%
30	13.269	1880	1883	1890	rVB3	18587	28819	3.43%	0.290%
31	13.363	1895	1899	1902	rVV	19101	24575	2.92%	0.247%
32	13.392	1902	1904	1912	rVB3	15038	21919	2.61%	0.220%
33	13.545	1927	1930	1933	rBV4	10343	14130	1.68%	0.142%
34	13.680	1949	1953	1959	rVB	19491	26445	3.15%	0.266%
35	13.786	1966	1971	1974	rBV2	23519	40478	4.82%	0.407%
36	13.839	1978	1980	1983	rVV	21380	31968	3.80%	0.321%

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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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.886	1984	1988	1997	rVB3	47932	91976	10.94%	0.924%
38	14.039	2004	2014	2025	rBV2	375686	823503	97.99%	8.274%
39	14.145	2028	2032	2037	rBV	19679	34954	4.16%	0.351%
40	14.192	2037	2040	2047	rVB5	15310	25483	3.03%	0.256%
41	14.386	2071	2073	2075	rBV2	7347	8579	1.02%	0.086%
42	14.427	2076	2080	2083	rVV	25643	34671	4.13%	0.348%
43	14.463	2083	2086	2089	rVB2	10887	12272	1.46%	0.123%
44	14.498	2089	2092	2095	rBV2	19802	26435	3.15%	0.266%
45	14.745	2131	2134	2138	rBV4	13590	19898	2.37%	0.200%
46	14.927	2162	2165	2171	rVB4	15273	24441	2.91%	0.246%
47	15.086	2186	2192	2200	rBV	190405	419907	49.96%	4.219%
48	15.192	2207	2210	2222	rVB	24076	52603	6.26%	0.529%
49	15.280	2222	2225	2233	rBV2	10873	25878	3.08%	0.260%
50	15.392	2239	2244	2250	rVB	94730	142613	16.97%	1.433%
51	15.457	2250	2255	2260	rVV	110562	170856	20.33%	1.717%
52	15.521	2260	2266	2280	rVB	298926	553985	65.92%	5.566%
53	15.968	2338	2342	2346	rVB	16769	26338	3.13%	0.265%
54	17.009	2513	2519	2530	rBV2	49897	126287	15.03%	1.269%
55	17.468	2591	2597	2606	rVB	35468	79598	9.47%	0.800%

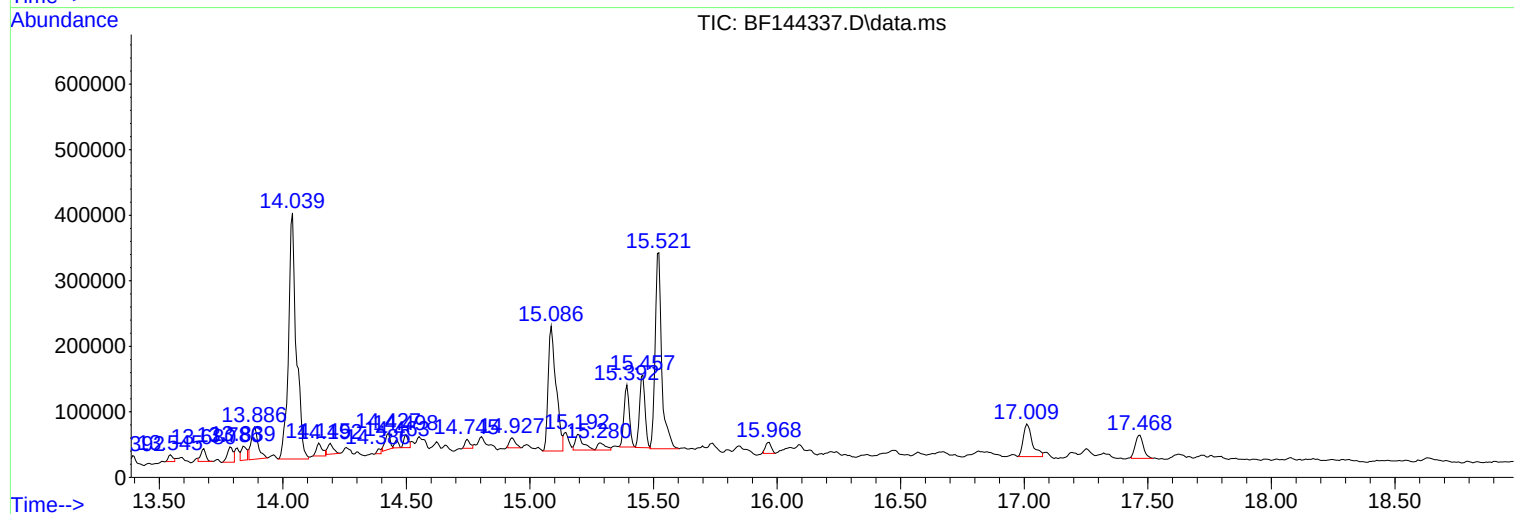
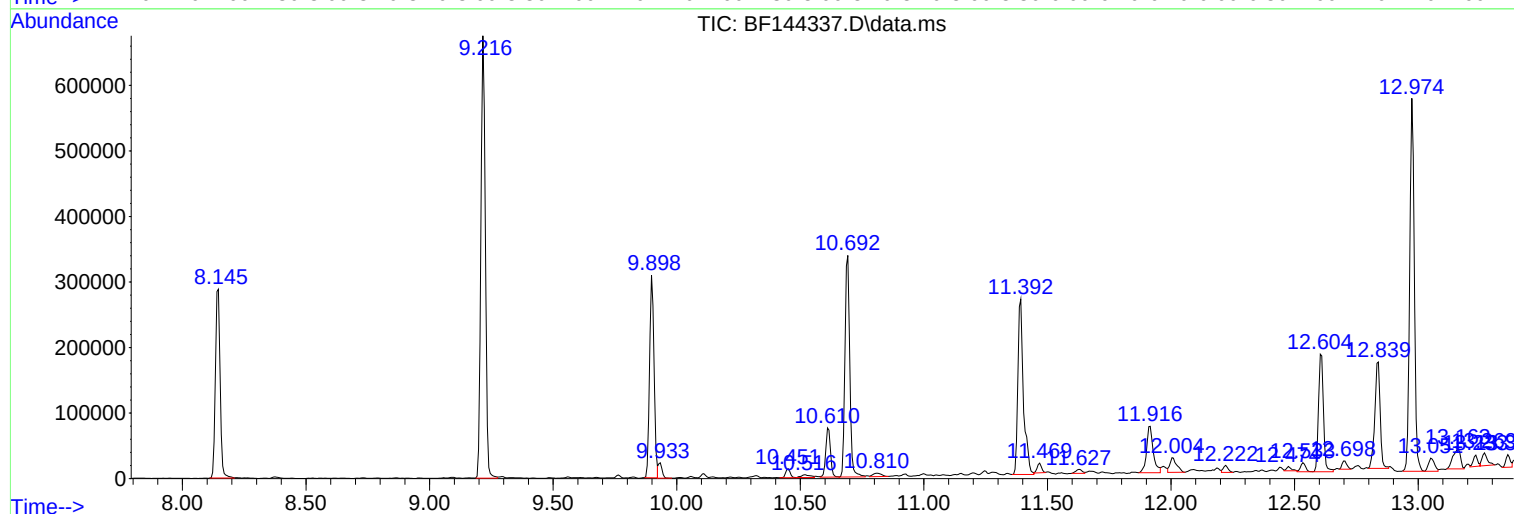
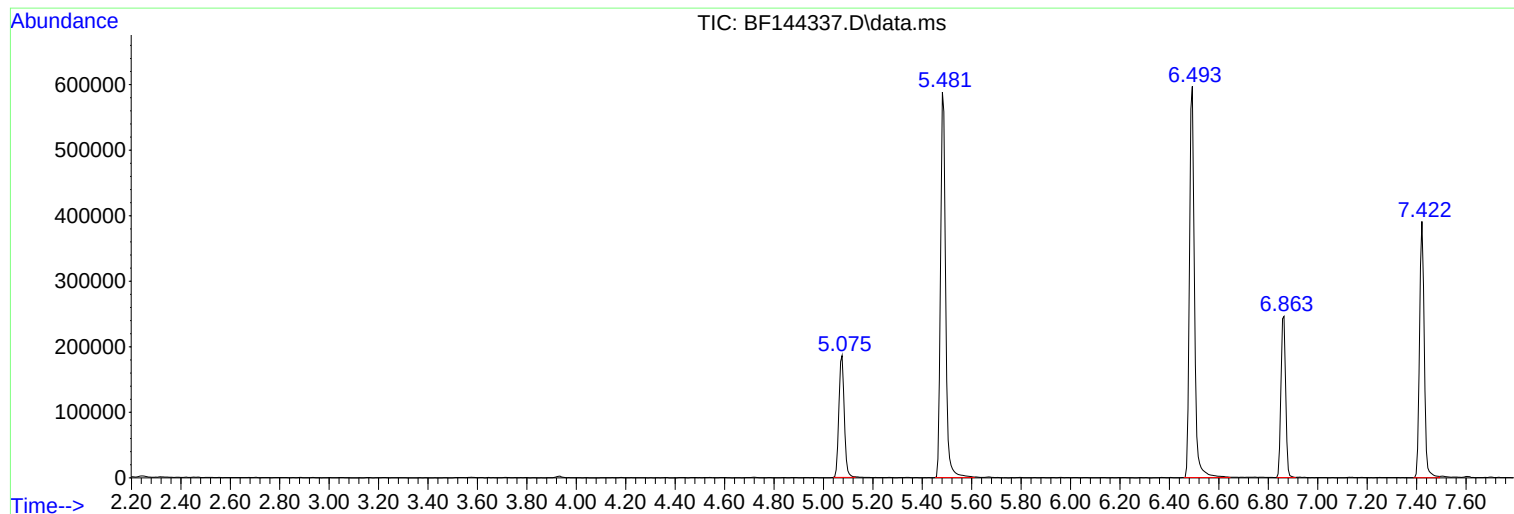
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Acq On : 24 Nov 2025 21:44
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Sample : Q3709-01
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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LI-1-112125

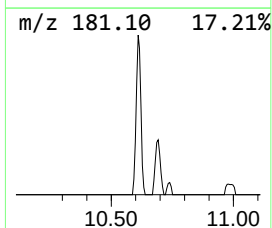
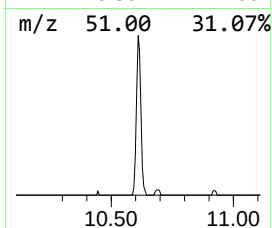
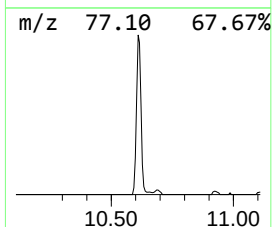
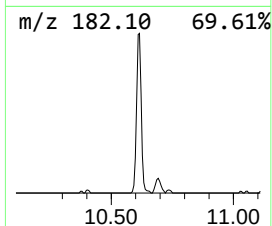
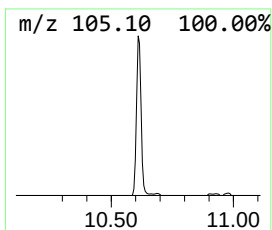
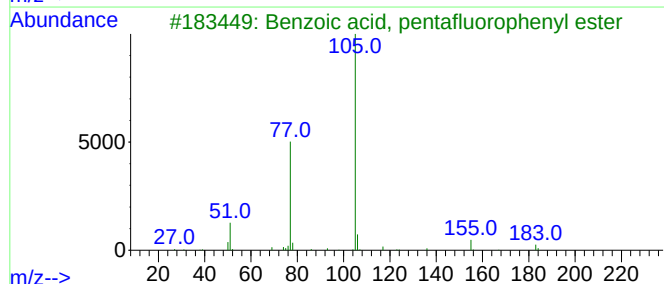
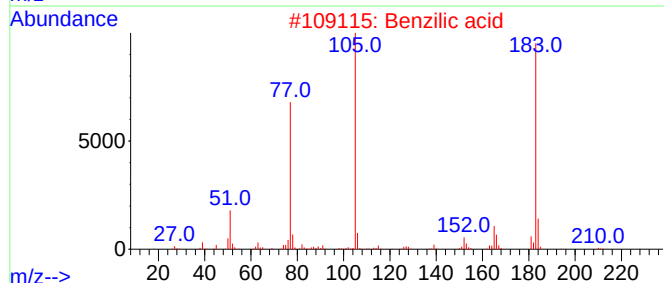
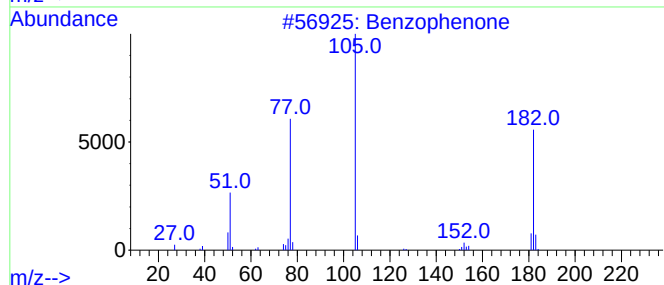
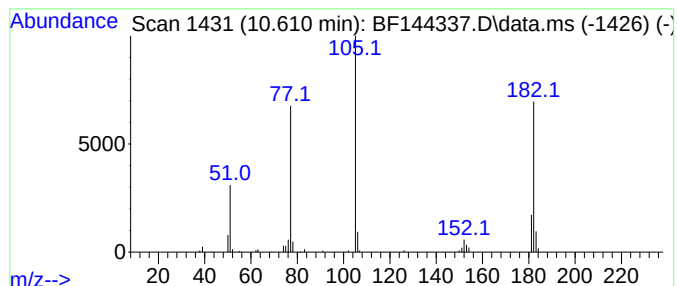
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.610	5.17 ng	99937	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	94
2			Benzilic acid	228	C14H12O3	000076-93-7	47
3			Benzoic acid, pentafluorophenyl ...	288	C13H5F5O2	1000360-67-9	47
4			Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	43
5			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	43



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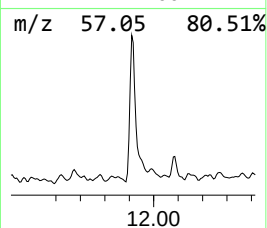
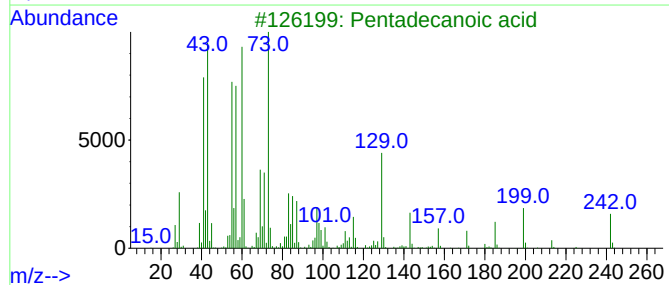
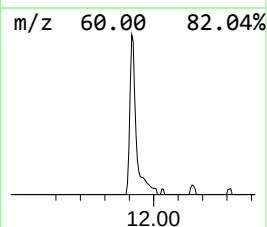
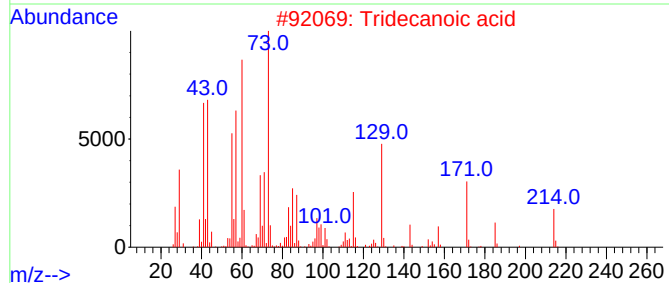
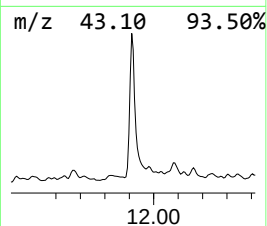
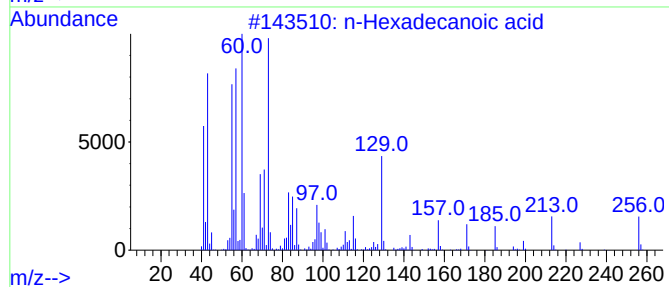
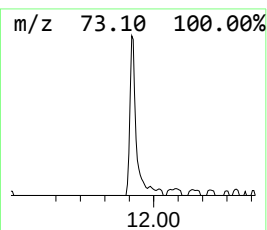
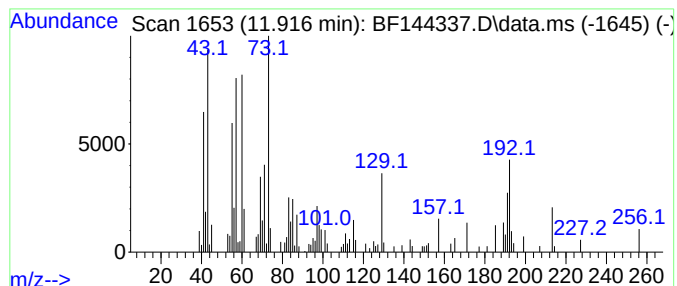
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	6.37 ng	133748	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	90
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5			Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	20



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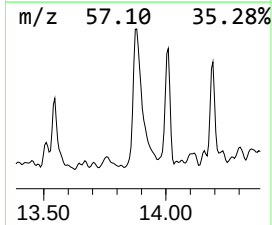
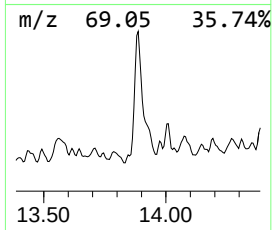
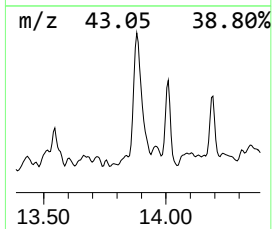
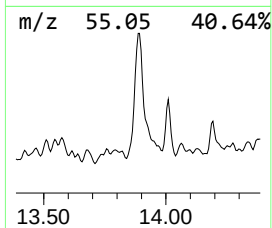
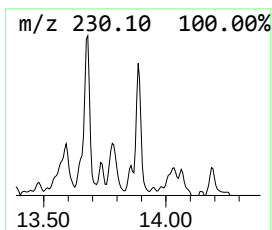
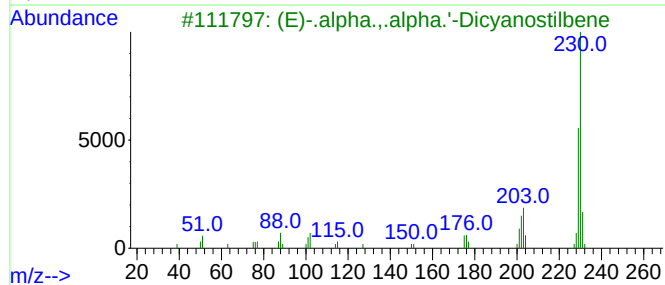
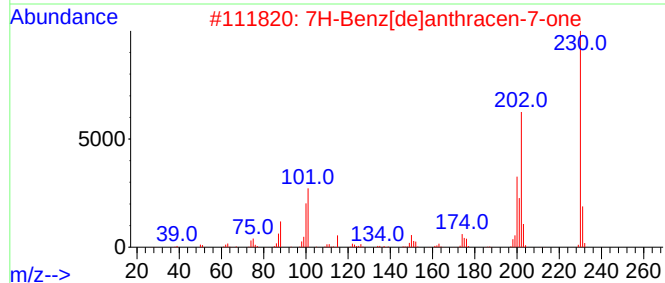
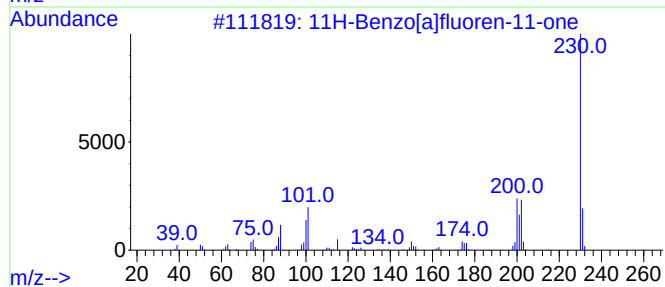
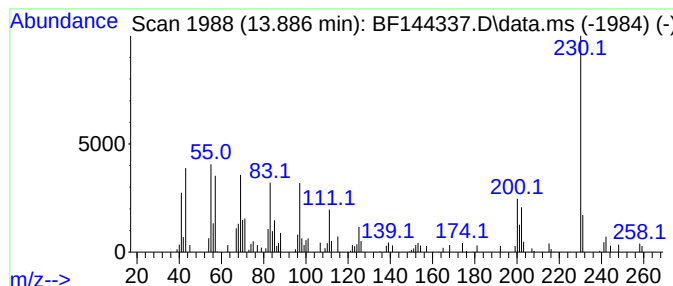
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 11H-Benzo[a]fluoren-11-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.886	2.23 ng	91976	Chrysene-d12	14.039	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	86
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	58
3	(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	49
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	47
5	4-Cyclopropyl-N-(4-methylphenyl)...	230	C13H14N2S	1000461-00-1	46



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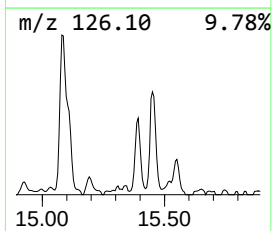
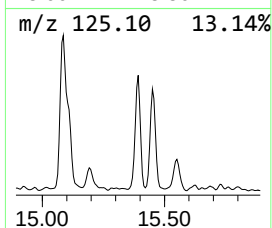
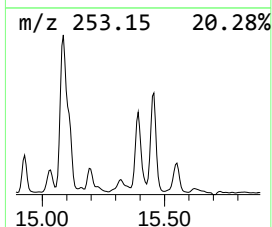
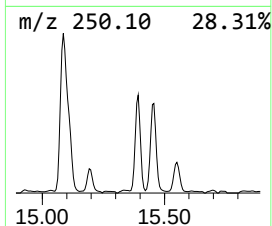
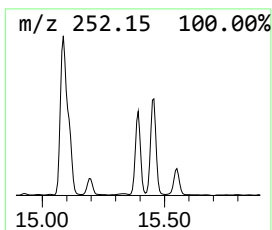
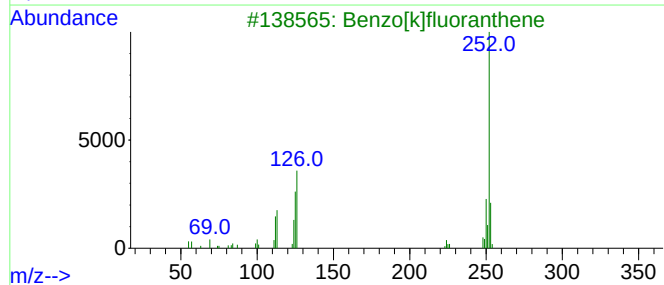
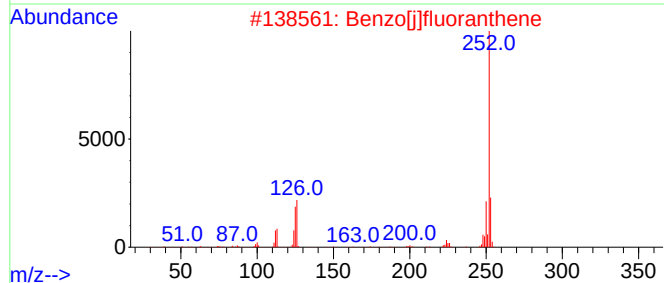
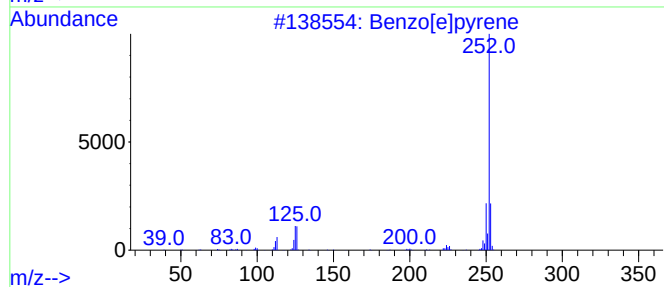
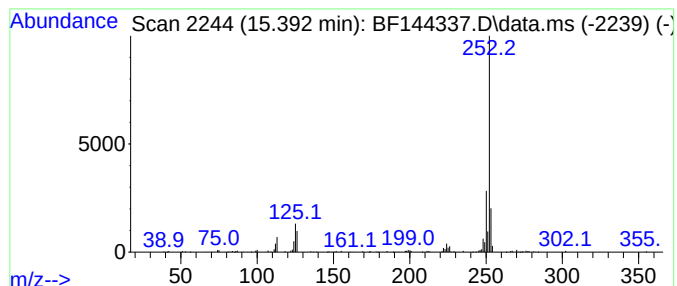
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.392	5.15 ng	142613	Perylene-d12	15.515

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[j]fluoranthene	252	C20H12	000205-82-3	97
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5			Benzo[a]pyrene	252	C20H12	000050-32-8	90



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TIC Library : C:\Database\NIST20.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	10.610	5.2	ng	99937	3	9.898	386549	20.0
n-Hexadecanoic ...	11.916	6.4	ng	133748	4	11.392	420003	20.0
11H-Benzo[a]flu...	13.886	2.2	ng	91976	5	14.039	823503	20.0
Benzo[e]pyrene	15.392	5.2	ng	142613	6	15.515	553985	20.0