

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042420\
 Data File : BF120201.D
 Acq On : 24 Apr 2020 14:45
 Operator : MA/SJ
 Sample : L2377-01 10X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MILL-1

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BF040820.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	5.269	538	541	555	rVB	174500	177782	17.66%	2.008%
2	6.316	715	719	728	rVB	171683	185186	18.40%	2.092%
3	6.663	774	778	781	rBV	935779	764723	75.98%	8.638%
4	6.816	801	804	808	rBV	225154	171934	17.08%	1.942%
5	7.222	870	873	882	rVB	152054	130187	12.93%	1.471%
6	7.945	993	996	1000	rBV	1178502	989928	98.35%	11.182%
7	8.757	1131	1134	1137	rVB	13117	11615	1.15%	0.131%
8	9.022	1176	1179	1186	rBV	322935	246663	24.51%	2.786%
9	9.363	1233	1237	1239	rBV	17581	14643	1.45%	0.165%
10	9.422	1245	1247	1251	rVB2	32997	26313	2.61%	0.297%
11	9.563	1267	1271	1277	rBV	49083	42183	4.19%	0.477%
12	9.698	1291	1294	1298	rBV	1191022	1006491	100.00%	11.369%
13	10.245	1384	1387	1394	rVB2	30753	30512	3.03%	0.345%
14	10.486	1425	1428	1433	rVB	132398	110332	10.96%	1.246%
15	10.792	1476	1480	1483	rBV2	9772	12388	1.23%	0.140%
16	10.992	1511	1514	1518	rVB	14177	12550	1.25%	0.142%
17	11.180	1543	1546	1549	rBV	1035935	928709	92.27%	10.491%
18	11.204	1549	1550	1554	rVV	240655	151071	15.01%	1.707%
19	11.257	1556	1559	1563	rVB	58664	47388	4.71%	0.535%
20	11.292	1563	1565	1569	rBV3	9400	12075	1.20%	0.136%
21	11.416	1584	1586	1589	rBV	13859	12872	1.28%	0.145%
22	11.686	1628	1632	1634	rBV	61724	57150	5.68%	0.646%
23	11.710	1634	1636	1641	rVV	80009	73117	7.26%	0.826%
24	11.757	1641	1644	1647	rVV	27814	27101	2.69%	0.306%
25	11.792	1647	1650	1653	rVV	83659	92467	9.19%	1.045%
26	11.816	1653	1654	1661	rVB	55248	40419	4.02%	0.457%
27	11.980	1679	1682	1684	rBV	21596	17730	1.76%	0.200%
28	12.004	1684	1686	1691	rVB4	14985	14296	1.42%	0.161%
29	12.157	1710	1712	1715	rBV	18456	13885	1.38%	0.157%
30	12.233	1721	1725	1728	rBV	57465	59675	5.93%	0.674%
31	12.269	1728	1731	1733	rVV2	32876	39235	3.90%	0.443%
32	12.316	1737	1739	1744	rVV3	28738	34887	3.47%	0.394%
33	12.392	1748	1752	1755	rBV	219393	178899	17.77%	2.021%
34	12.486	1766	1768	1771	rBV	14764	11729	1.17%	0.132%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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-BF040820.M
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35	12.621	1786	1791	1793	rBV	198075	203277	20.20%	2.296%
36	12.680	1798	1801	1805	rVB2	19982	24341	2.42%	0.275%
37	12.739	1808	1811	1813	rBV2	12845	14789	1.47%	0.167%
38	12.763	1813	1815	1823	rVB	226638	216508	21.51%	2.446%
39	12.839	1823	1828	1831	rBV3	31829	47233	4.69%	0.534%
40	12.927	1840	1843	1844	rBV3	23520	25393	2.52%	0.287%
41	12.945	1844	1846	1850	rVB2	36100	38674	3.84%	0.437%
42	13.016	1851	1858	1861	rBV3	30023	40144	3.99%	0.453%
43	13.051	1861	1864	1867	rBV2	40619	36847	3.66%	0.416%
44	13.145	1877	1880	1883	rVB	34807	30409	3.02%	0.344%
45	13.174	1883	1885	1888	rBV	32439	27887	2.77%	0.315%
46	13.427	1927	1928	1931	rBV3	9568	12347	1.23%	0.139%
47	13.457	1931	1933	1939	rVB	28871	27836	2.77%	0.314%
48	13.516	1941	1943	1947	rVB4	12593	12782	1.27%	0.144%
49	13.563	1947	1951	1954	rBV4	25802	40989	4.07%	0.463%
50	13.663	1966	1968	1972	rBV2	26465	36404	3.62%	0.411%
51	13.816	1989	1994	1997	rBV	834355	818373	81.31%	9.244%
52	13.839	1997	1998	2006	rVB	110708	97015	9.64%	1.096%
53	13.963	2017	2019	2021	rBV3	16924	17039	1.69%	0.192%
54	14.204	2058	2060	2063	rVB	34433	28224	2.80%	0.319%
55	14.239	2064	2066	2069	rVB	30337	21194	2.11%	0.239%
56	14.298	2074	2076	2078	rVB3	23216	16855	1.67%	0.190%
57	14.327	2078	2081	2083	rBV2	24536	26518	2.63%	0.300%
58	14.592	2124	2126	2128	rBV2	24052	18402	1.83%	0.208%
59	14.821	2162	2165	2168	rBV	80046	111207	11.05%	1.256%
60	14.904	2177	2179	2185	rVB2	36375	63941	6.35%	0.722%
61	15.104	2210	2213	2218	rVB	59117	71914	7.15%	0.812%
62	15.157	2219	2222	2227	rBV	81164	96434	9.58%	1.089%
63	15.221	2228	2233	2236	rBV	535481	617941	61.40%	6.980%
64	15.651	2304	2306	2312	rVB4	48342	62385	6.20%	0.705%
65	16.557	2458	2460	2466	rVB2	29237	45947	4.57%	0.519%
66	17.451	2610	2612	2615	rVB4	19954	21630	2.15%	0.244%
67	17.609	2637	2639	2641	rBV2	17260	11448	1.14%	0.129%
68	17.639	2641	2644	2646	rBV4	19397	30365	3.02%	0.343%
69	17.874	2682	2684	2685	rBV2	20900	16776	1.67%	0.190%
70	18.127	2723	2727	2730	rBV6	14207	24050	2.39%	0.272%
71	18.192	2735	2738	2745	rVV8	19119	37613	3.74%	0.425%

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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

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72	18.245	2745	2747	2751	rVB5	17374	15401	1.53%	0.174%
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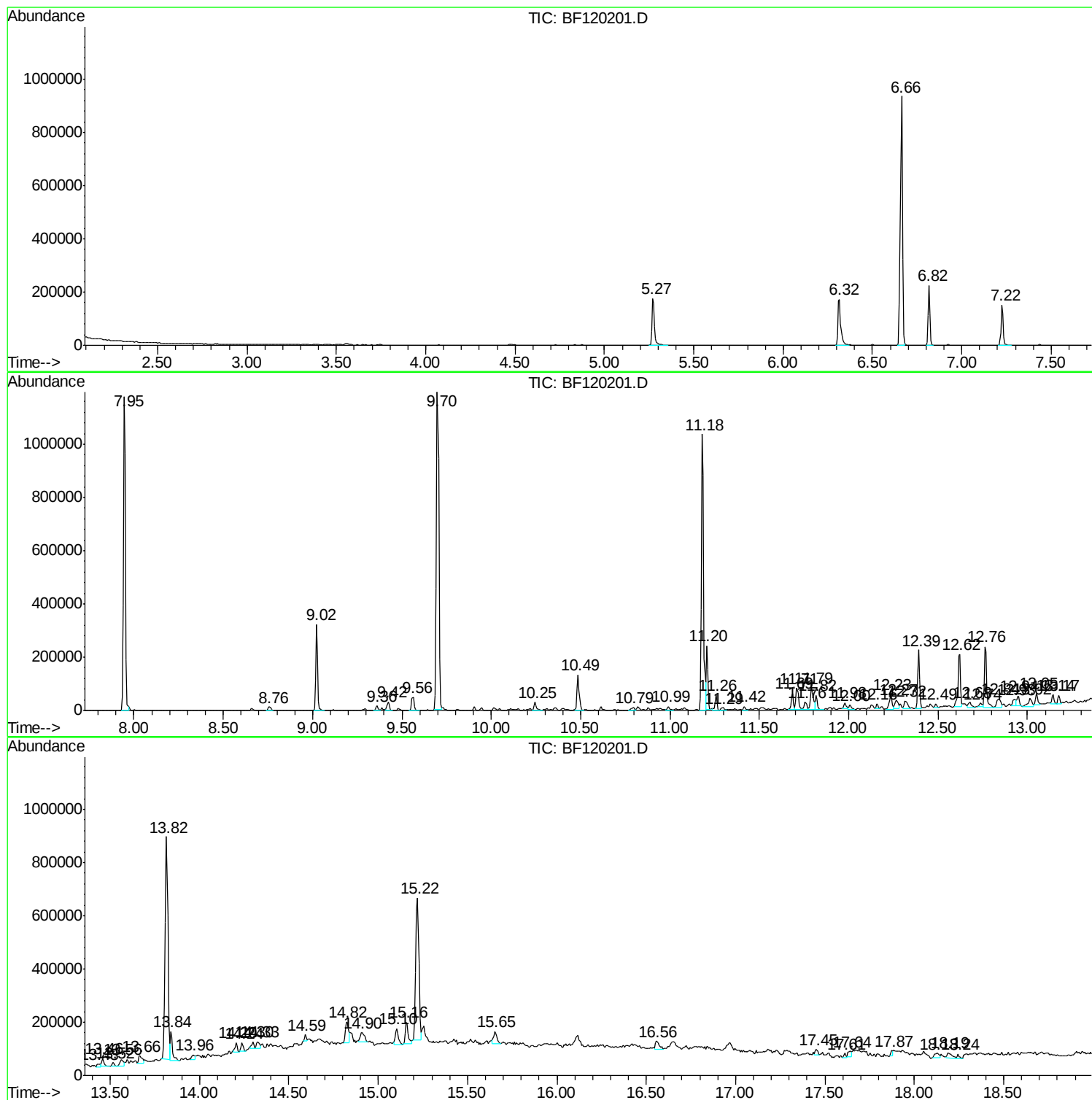
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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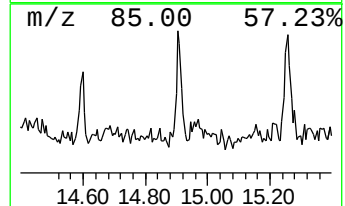
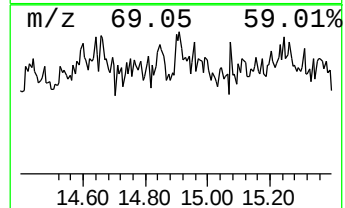
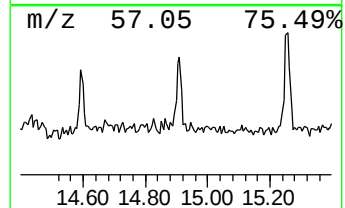
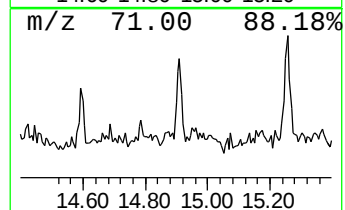
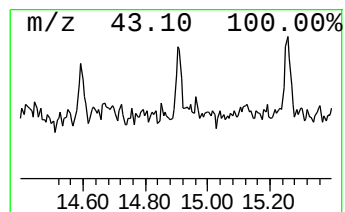
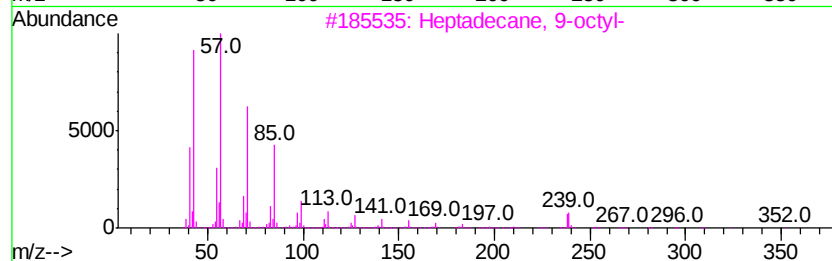
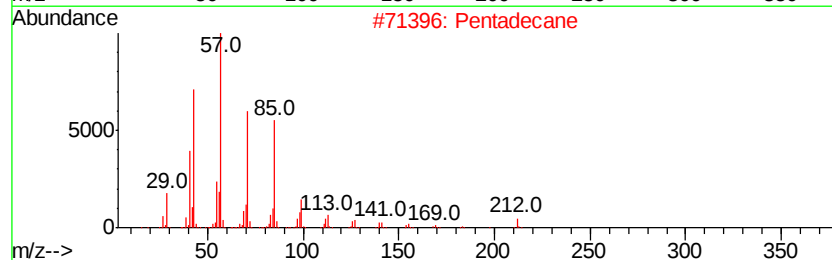
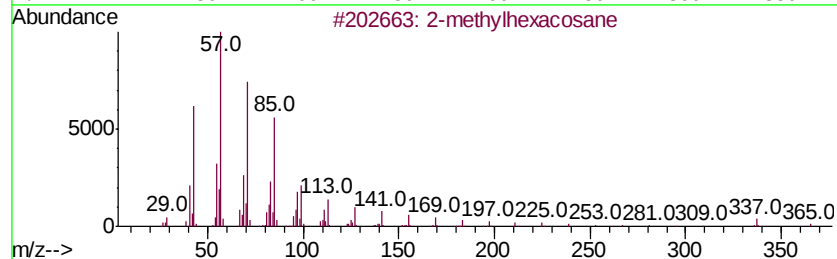
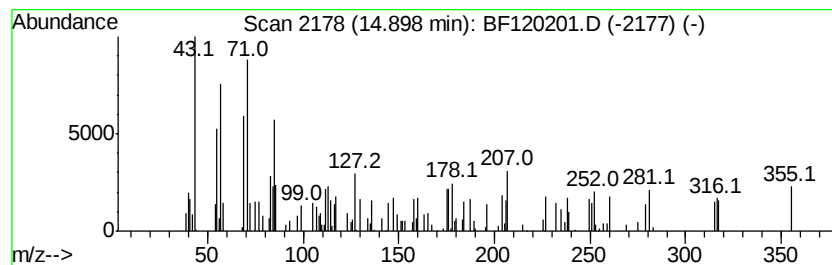
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-methylhexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	2.07 ng	63941	Perylene-d12	15.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-methylhexacosane	380 C27H56	1000376-72-7	52
2	Pentadecane	212 C15H32	000629-62-9	52
3	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	52
4	2-methyloctacosane	408 C29H60	1000376-72-8	52
5	Hentriacontane	437 C31H64	000630-04-6	52



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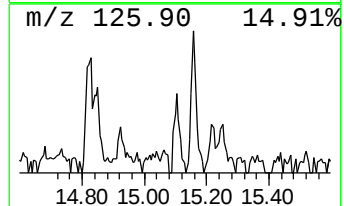
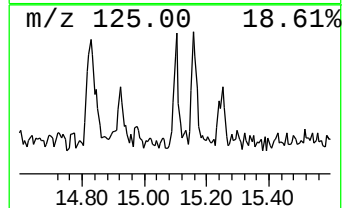
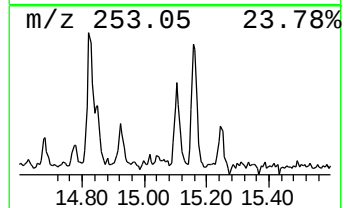
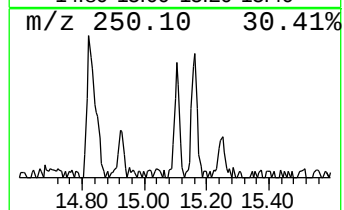
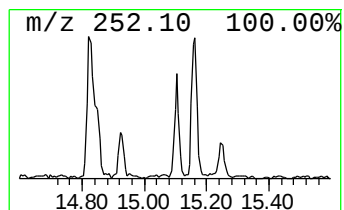
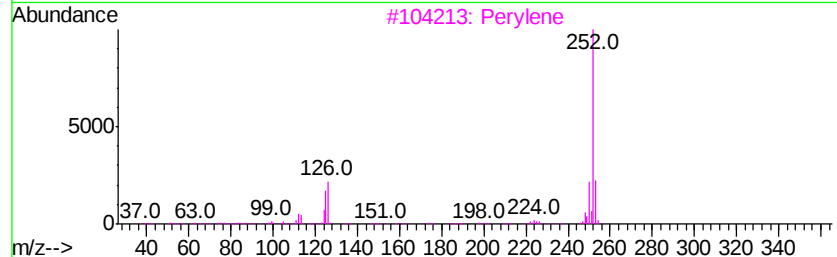
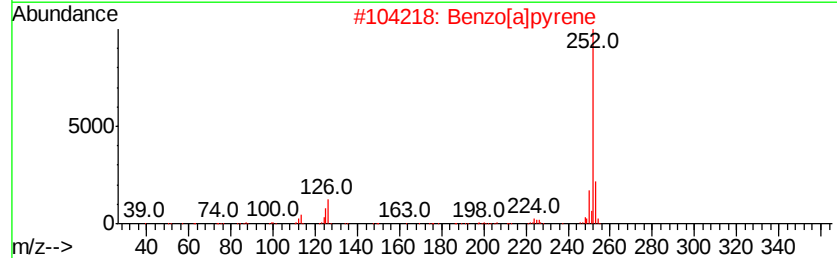
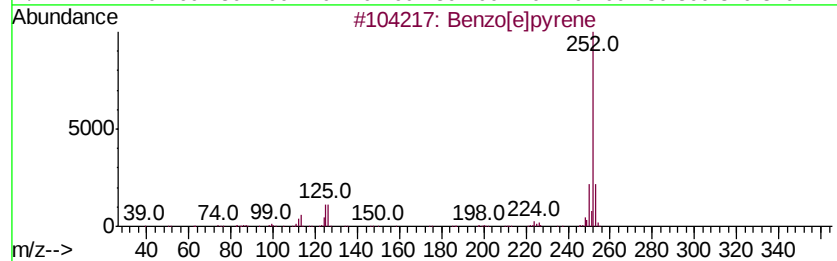
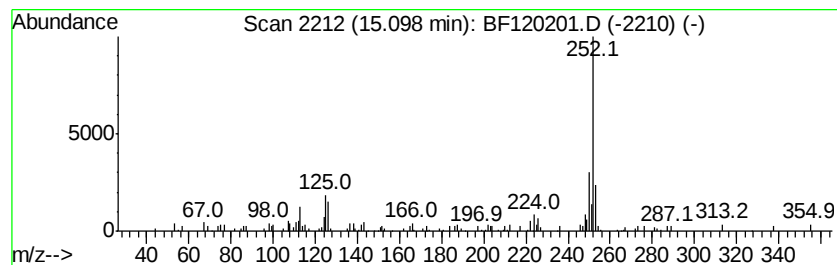
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	2.33 ng	71914	Perylene-d12	15.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzo[e]pyrene	252 C20H12	000192-97-2	93
2	Benzo[a]pyrene	252 C20H12	000050-32-8	90
3	Perylene	252 C20H12	000198-55-0	76
4	Benzo[e]acephenanthrylene	252 C20H12	000205-99-2	76
5	Benzo[k]fluoranthene	252 C20H12	000207-08-9	76



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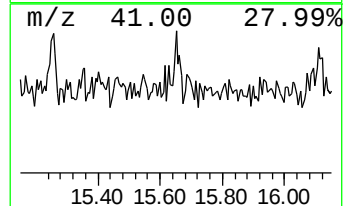
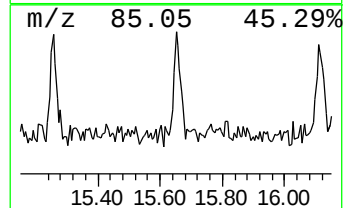
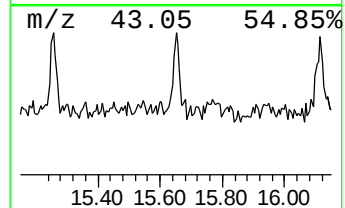
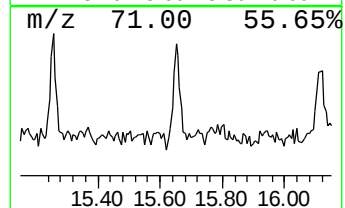
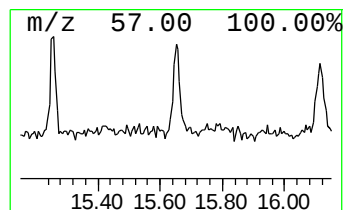
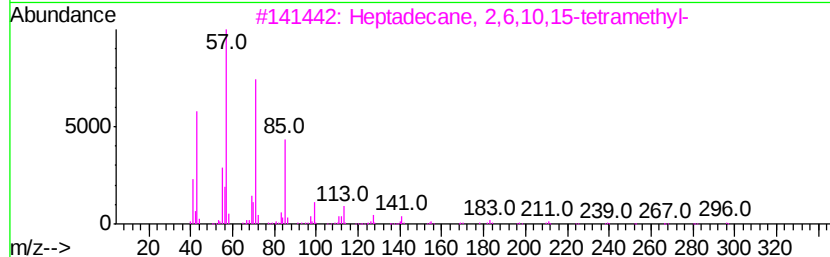
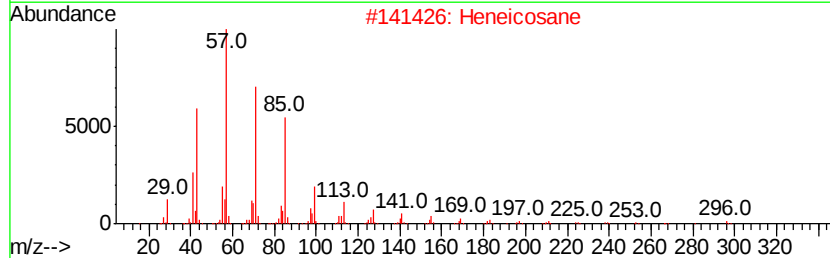
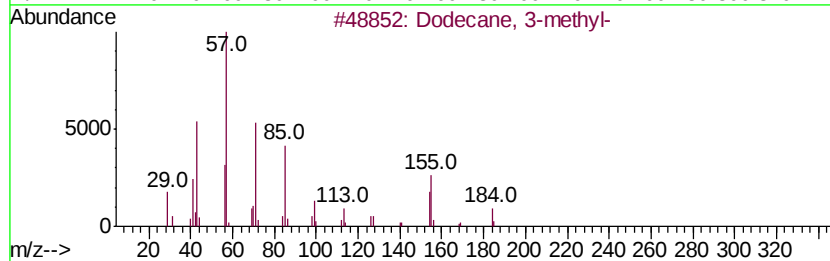
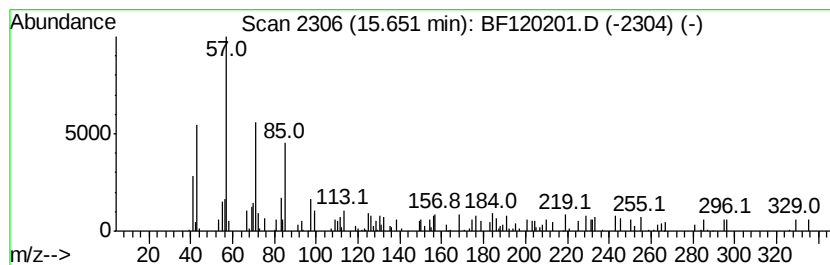
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Dodecane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	2.02 ng	62385	Perylene-d12	15.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 3-methyl-	184 C13H28	017312-57-1	64
2	Heneicosane	296 C21H44	000629-94-7	62
3	Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6	62
4	Heneicosane, 11-decyl-	437 C31H64	055320-06-4	58
5	Tridecane	184 C13H28	000629-50-5	52



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-methylhexacosane	14.90	2.1	ng	63941	6	15.22	617941	20.0
Benzo[e]pyrene	15.10	2.3	ng	71914	6	15.22	617941	20.0
Dodecane, 3-methyl-	15.65	2.0	ng	62385	6	15.22	617941	20.0