

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
 Data File : BF134402.D
 Acq On : 21 Jul 2023 15:38
 Operator : CG\JU
 Sample : 03641-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP16

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-BF062623.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134402.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.469	572	575	590	rBV	1090302	1079053	82.00%	8.638%
2	6.475	742	746	769	rBV	1193626	1136294	86.35%	9.096%
3	6.834	804	807	817	rBV	388706	359246	27.30%	2.876%
4	7.398	899	903	915	rBV	822454	709500	53.92%	5.679%
5	8.116	1021	1025	1028	rBV	578990	460641	35.00%	3.687%
6	9.192	1204	1208	1211	rBV	1684662	1308472	99.43%	10.474%
7	9.875	1320	1324	1327	rBV	621974	518997	39.44%	4.154%
8	10.598	1440	1447	1455	rBV3	32522	32611	2.48%	0.261%
9	10.669	1455	1459	1475	rBV	1101403	943829	71.72%	7.555%
10	11.369	1574	1578	1580	rBV	643040	529872	40.27%	4.242%
11	11.392	1580	1582	1586	rVV	148679	121209	9.21%	0.970%
12	11.445	1587	1591	1594	rVB	32487	33557	2.55%	0.269%
13	11.874	1661	1664	1666	rBV	41528	39712	3.02%	0.318%
14	11.898	1666	1668	1675	rVV3	168489	175061	13.30%	1.401%
15	11.986	1679	1683	1685	rVV2	65828	71255	5.41%	0.570%
16	12.010	1685	1687	1693	rVB	38470	32588	2.48%	0.261%
17	12.169	1712	1714	1718	rBV	27334	24074	1.83%	0.193%
18	12.427	1755	1758	1761	rBV	45320	45007	3.42%	0.360%
19	12.463	1761	1764	1766	rVV2	25979	31304	2.38%	0.251%
20	12.516	1770	1773	1778	rBV3	29169	34277	2.60%	0.274%
21	12.592	1782	1786	1790	rBV	390154	332132	25.24%	2.659%
22	12.692	1800	1803	1806	rBV3	21604	26403	2.01%	0.211%
23	12.821	1819	1825	1830	rBV	364604	370506	28.16%	2.966%
24	12.874	1830	1834	1838	rVB3	23927	38519	2.93%	0.308%
25	12.968	1845	1850	1853	rBV	1435418	1315935	100.00%	10.534%
26	13.039	1858	1862	1870	rVB4	37513	61535	4.68%	0.493%
27	13.133	1874	1878	1879	rBV3	30269	37275	2.83%	0.298%
28	13.151	1879	1881	1885	rVB	51141	48650	3.70%	0.389%
29	13.192	1885	1888	1891	rBV3	20007	22129	1.68%	0.177%
30	13.221	1891	1893	1895	rBV	26434	19504	1.48%	0.156%
31	13.257	1895	1899	1903	rBV2	48063	51330	3.90%	0.411%
32	13.351	1912	1915	1918	rBV	36717	30907	2.35%	0.247%
33	13.380	1918	1920	1924	rBV2	31983	30144	2.29%	0.241%
34	13.539	1942	1947	1949	rBV3	25768	29659	2.25%	0.237%
35	13.668	1966	1969	1973	rVB	38875	39350	2.99%	0.315%
36	13.780	1983	1988	1990	rBV	35826	39642	3.01%	0.317%

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37	13.804	1990	1992	1994	rVB	28507	21321	1.62%	0.171%
38	13.833	1994	1997	2000	rBV	18240	18525	1.41%	0.148%
39	13.874	2000	2004	2008	rVB3	35691	52150	3.96%	0.417%
40	13.933	2008	2014	2015	rBV5	21585	40630	3.09%	0.325%
41	14.033	2023	2031	2034	rBV2	491726	629104	47.81%	5.036%
42	14.057	2034	2035	2042	rVB	163680	130701	9.93%	1.046%
43	14.186	2054	2057	2063	rBV5	34628	47457	3.61%	0.380%
44	14.421	2093	2097	2100	rBV	46042	47603	3.62%	0.381%
45	14.457	2100	2103	2107	rVB2	21539	17304	1.31%	0.139%
46	14.498	2107	2110	2112	rBV2	37863	39582	3.01%	0.317%
47	14.551	2116	2119	2121	rBV2	21448	20272	1.54%	0.162%
48	14.810	2161	2163	2168	rBV4	15942	21206	1.61%	0.170%
49	14.933	2180	2184	2186	rBV4	14259	16981	1.29%	0.136%
50	15.092	2207	2211	2215	rBV	104297	167081	12.70%	1.337%
51	15.162	2219	2223	2227	rVV3	32544	42585	3.24%	0.341%
52	15.204	2227	2230	2234	rVB	21675	23026	1.75%	0.184%
53	15.404	2261	2264	2272	rVB	62032	83339	6.33%	0.667%
54	15.474	2272	2276	2282	rBV	84835	112768	8.57%	0.903%
55	15.539	2282	2287	2302	rVB	276696	402614	30.60%	3.223%
56	15.774	2323	2327	2332	rVB6	13578	23087	1.75%	0.185%
57	16.009	2362	2367	2375	rVB3	41161	76319	5.80%	0.611%
58	16.856	2508	2511	2514	rBV5	12515	16857	1.28%	0.135%
59	17.086	2545	2550	2558	rVB3	45218	97173	7.38%	0.778%
60	17.174	2559	2565	2570	rBV8	13907	27206	2.07%	0.218%
61	17.556	2625	2630	2640	rVB2	36222	82756	6.29%	0.662%
62	17.815	2668	2674	2676	rBV5	12212	22666	1.72%	0.181%
63	18.392	2767	2772	2779	rVB9	13518	31966	2.43%	0.256%

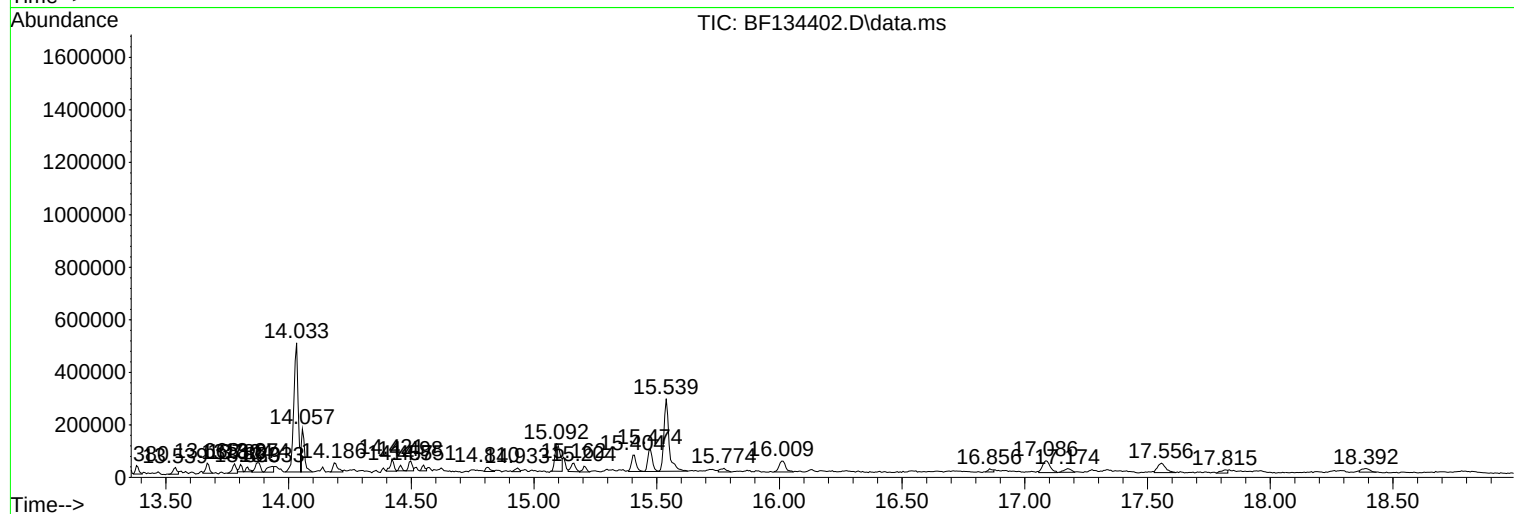
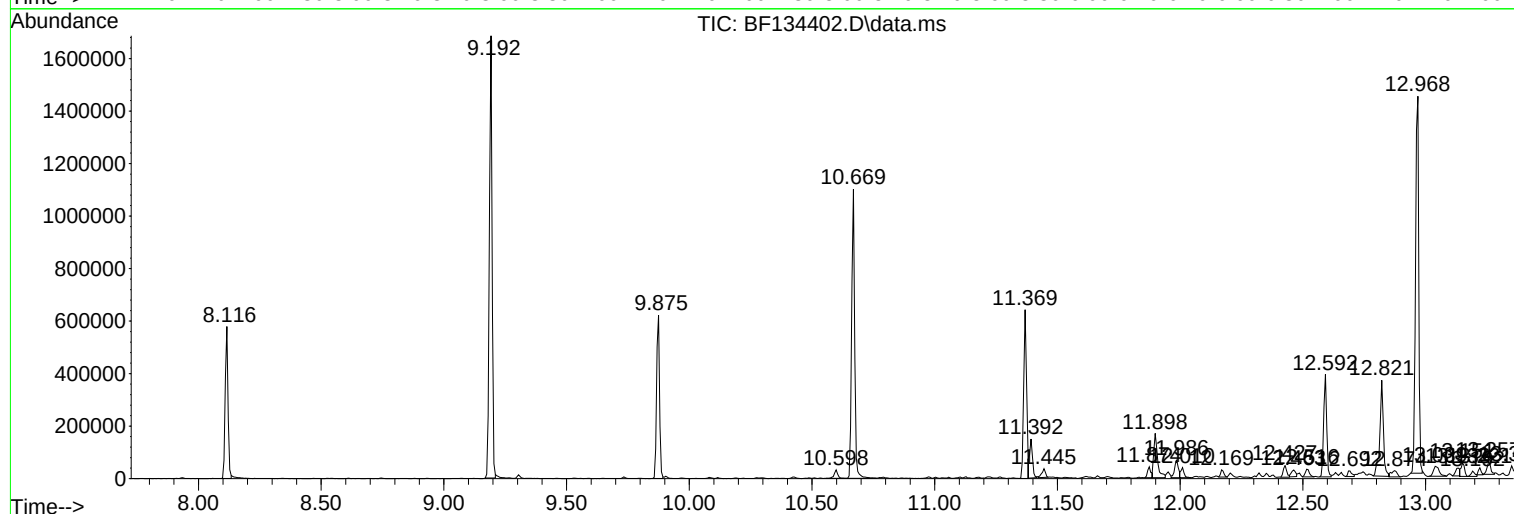
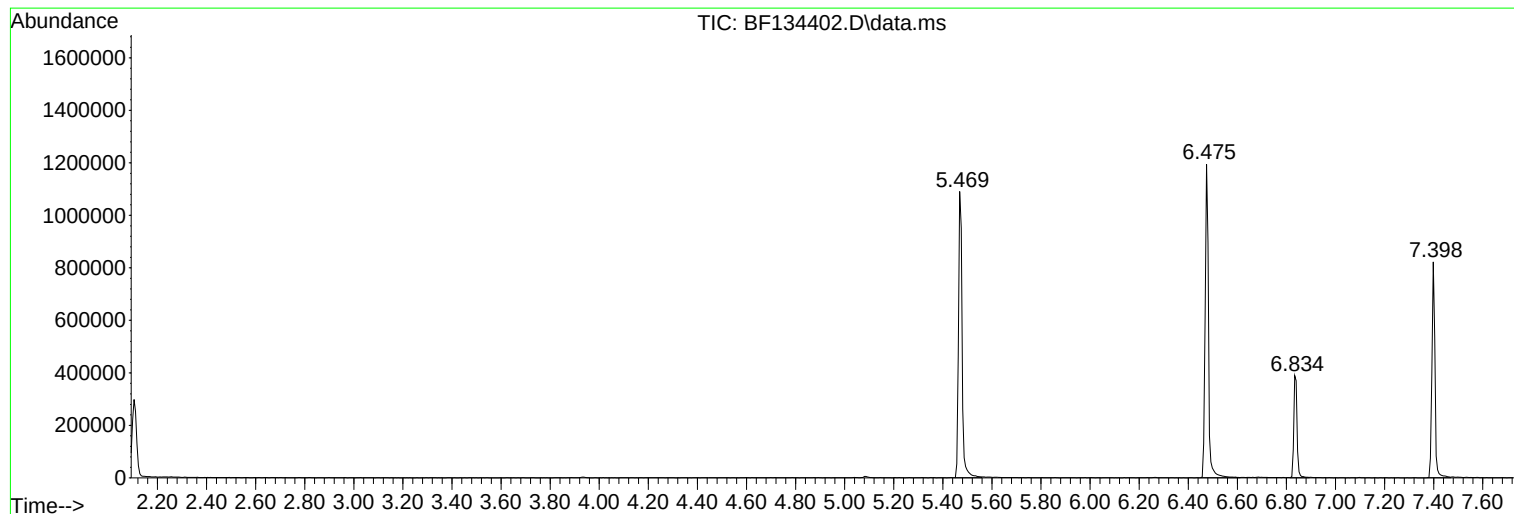
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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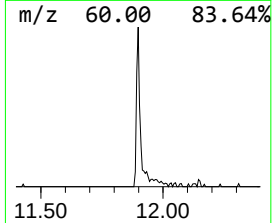
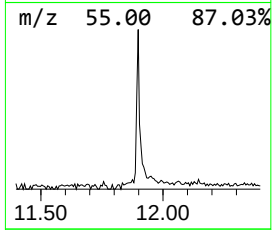
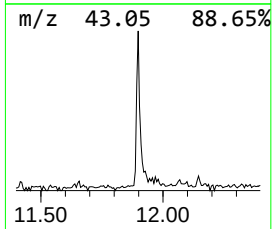
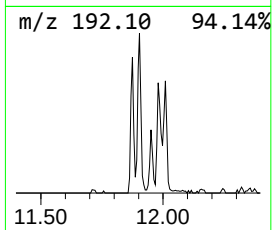
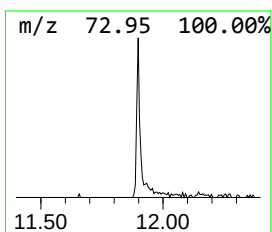
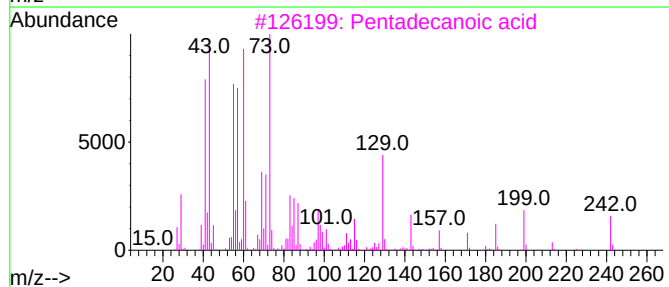
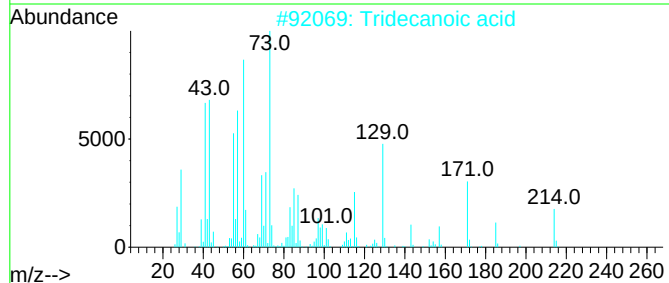
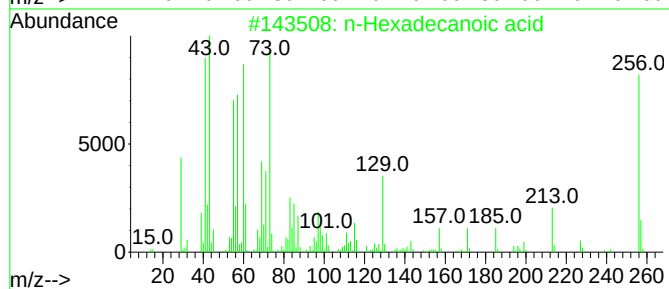
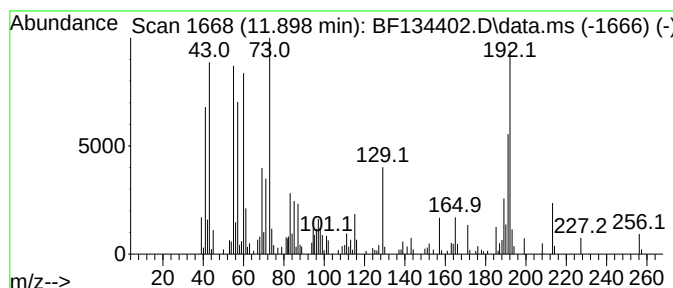
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	6.61 ng	175061	Phenanthrene-d10	11.369

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			Tridecanoic acid	214	C13H26O2	000638-53-9	90
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	66
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	66



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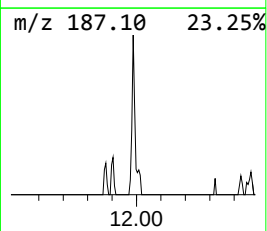
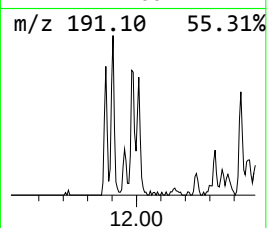
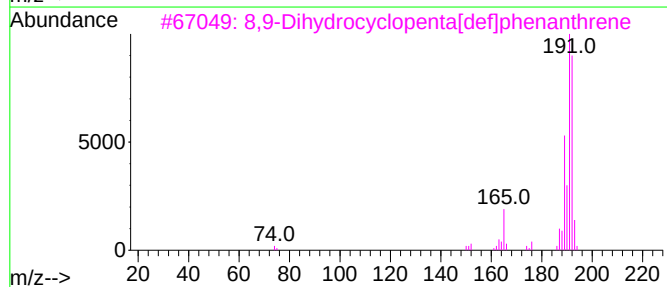
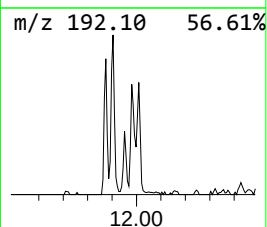
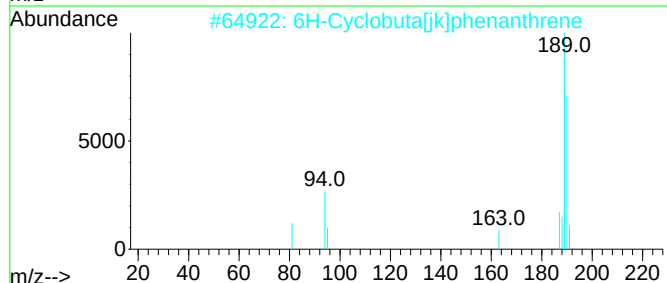
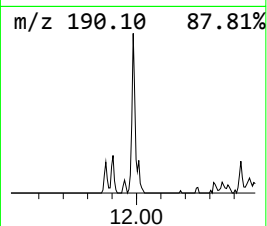
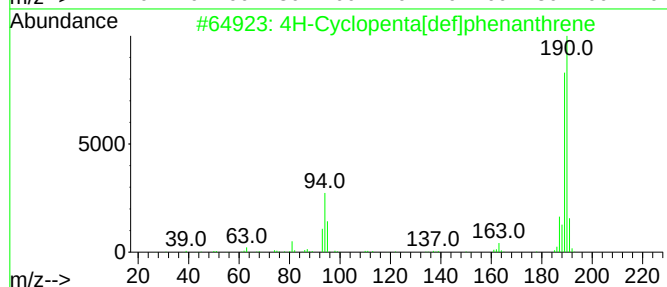
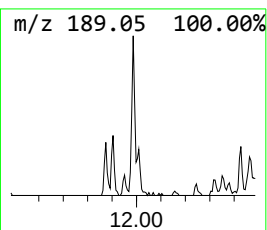
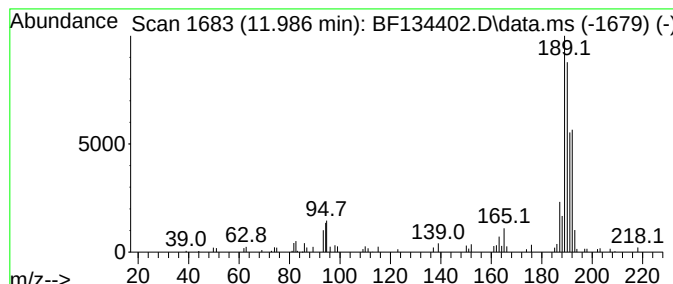
Instrument :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.986	2.69 ng	71255	Phenanthrene-d10	11.369	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	38
4	Benzene, 1,1'-(1,2-propadienyli...	192	C15H12	014251-57-1	30
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27



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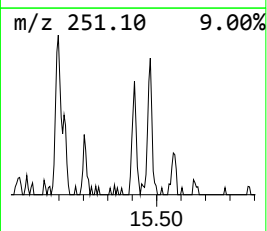
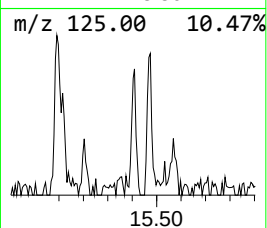
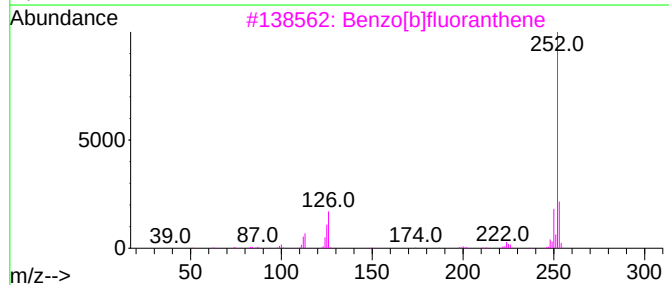
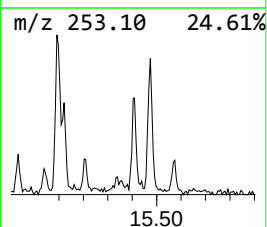
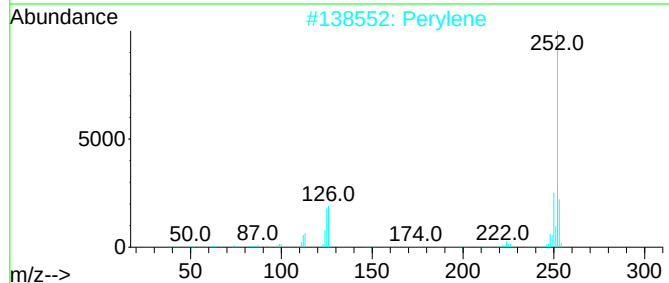
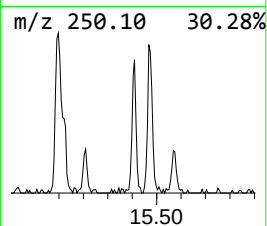
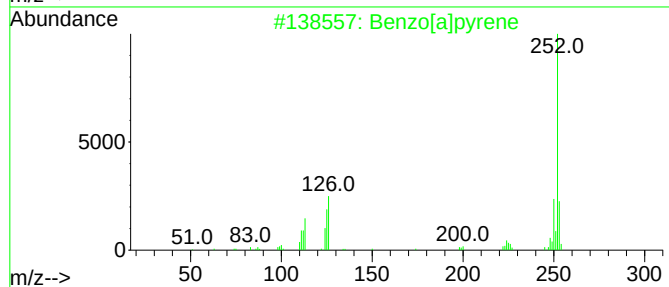
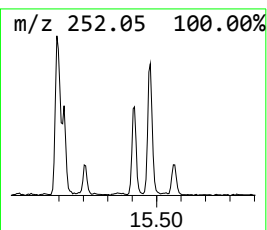
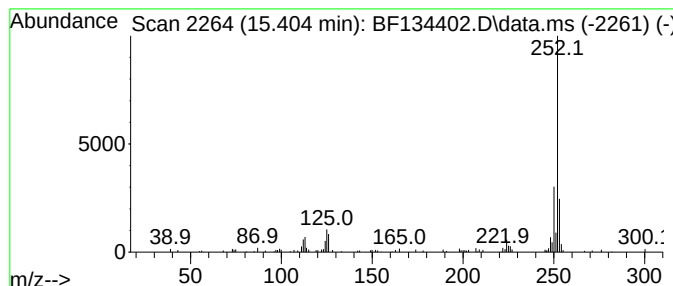
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.404	4.14 ng	83339	Perylene-d12	15.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[a]pyrene	252	C20H12	000050-32-8	94
2			Perylene	252	C20H12	000198-55-0	93
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4			Benzo[e]pyrene	252	C20H12	000192-97-2	91
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90



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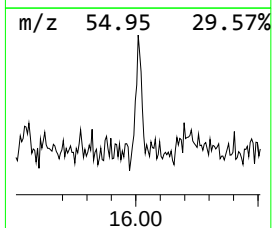
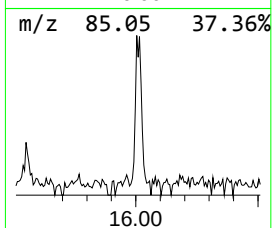
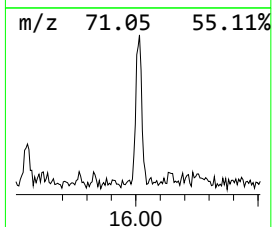
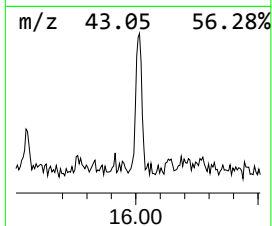
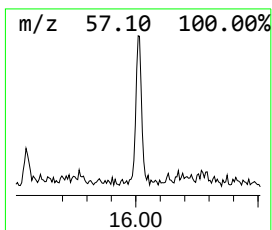
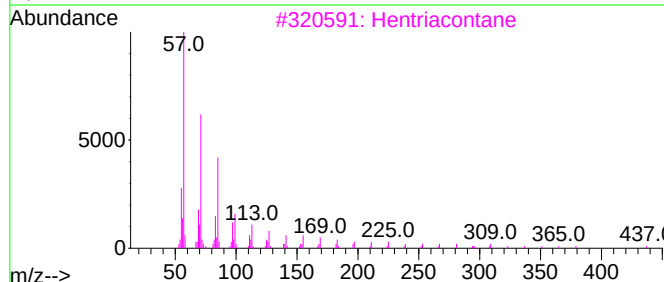
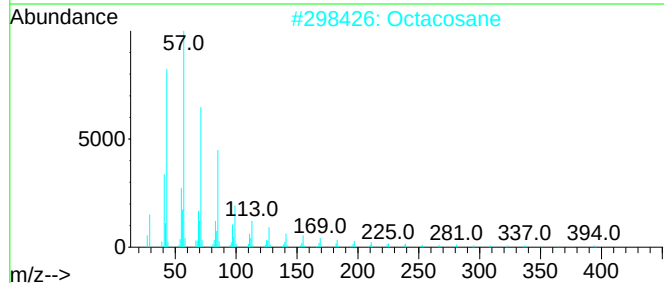
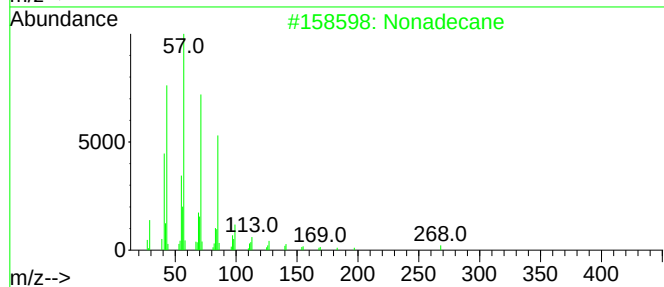
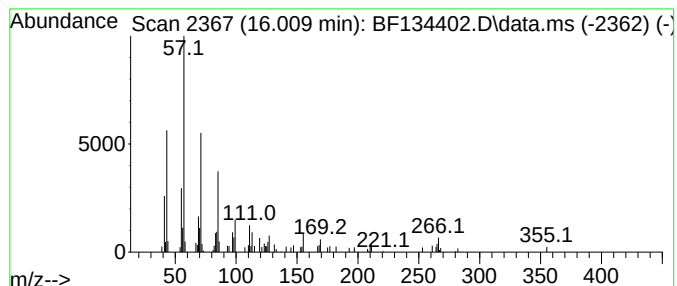
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.009	3.79 ng	76319	Perylene-d12	15.539

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	93
2		Octacosane	394	C28H58	000630-02-4	87
3		Hentriacontane	437	C31H64	000630-04-6	83
4		Eicosane	282	C20H42	000112-95-8	81
5		Hexadecane	226	C16H34	000544-76-3	74



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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
n-Hexadecanoic ...	11.898	6.6	ng	175061	4	11.369	529872	20.0
4H-Cyclopenta[d...]	11.986	2.7	ng	71255	4	11.369	529872	20.0
Benzo[e]pyrene	15.404	4.1	ng	83339	6	15.539	402614	20.0
Nonadecane	16.009	3.8	ng	76319	6	15.539	402614	20.0