

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
 Data File : BF134864.D
 Acq On : 21 Aug 2023 13:13
 Operator : CG\JU
 Sample : 04086-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-PP06B

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-BF080123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134864.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.428	563	568	571	rBV	3129033	2952787	79.41%	9.432%
2	6.434	733	739	742	rBV	2852198	3013526	81.05%	9.626%
3	6.622	768	771	778	rBV	75997	76232	2.05%	0.244%
4	6.792	796	800	803	rBV	1277183	1046313	28.14%	3.342%
5	7.351	890	895	898	rBV	2095290	1979203	53.23%	6.322%
6	8.069	1012	1017	1020	rBV	1689739	1458754	39.23%	4.660%
7	9.145	1195	1200	1203	rBV	3885905	3718189	100.00%	11.877%
8	9.263	1216	1220	1224	rVB	57773	53831	1.45%	0.172%
9	9.827	1309	1316	1319	rBV	1841387	1716389	46.16%	5.483%
10	10.616	1445	1450	1453	rBV	2770775	2415254	64.96%	7.715%
11	10.921	1496	1502	1504	rBV3	29350	41050	1.10%	0.131%
12	11.316	1565	1569	1571	rBV	2030665	1701039	45.75%	5.434%
13	11.339	1571	1573	1576	rVV	262124	210463	5.66%	0.672%
14	11.386	1576	1581	1584	rVB	125392	124138	3.34%	0.397%
15	11.421	1584	1587	1590	rBV2	29037	37895	1.02%	0.121%
16	11.816	1649	1654	1656	rBV	151214	134646	3.62%	0.430%
17	11.851	1656	1660	1664	rVV2	569719	613925	16.51%	1.961%
18	11.892	1664	1667	1670	rVV	102946	123338	3.32%	0.394%
19	11.927	1670	1673	1675	rVV	245010	263032	7.07%	0.840%
20	11.951	1675	1677	1684	rVB	137504	121840	3.28%	0.389%
21	12.116	1697	1705	1707	rBV3	77288	98643	2.65%	0.315%
22	12.139	1707	1709	1714	rVB4	31329	40667	1.09%	0.130%
23	12.263	1728	1730	1733	rVB	60947	40904	1.10%	0.131%
24	12.368	1744	1748	1751	rBV	174746	180685	4.86%	0.577%
25	12.404	1751	1754	1756	rVV2	103474	123935	3.33%	0.396%
26	12.457	1760	1763	1767	rBV2	66649	98829	2.66%	0.316%
27	12.527	1772	1775	1779	rBV	354648	327094	8.80%	1.045%
28	12.639	1790	1794	1800	rBV3	110685	145636	3.92%	0.465%
29	12.757	1809	1814	1817	rBV	561123	541478	14.56%	1.730%
30	12.780	1817	1818	1821	rVV2	69176	57120	1.54%	0.182%
31	12.815	1821	1824	1828	rVB2	60610	78497	2.11%	0.251%
32	12.910	1836	1840	1843	rBV	3657496	3341985	89.88%	10.675%
33	12.980	1848	1852	1859	rVB4	79980	125417	3.37%	0.401%
34	13.068	1864	1867	1868	rBV2	61737	66398	1.79%	0.212%
35	13.086	1868	1870	1874	rVB	98717	103671	2.79%	0.331%
36	13.157	1878	1882	1885	rVB2	77093	79099	2.13%	0.253%

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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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37	13.192	1885	1888	1891	rBV	122794	112291	3.02%	0.359%
38	13.286	1901	1904	1907	rBV	89160	75644	2.03%	0.242%
39	13.315	1907	1909	1913	rVB	96854	78722	2.12%	0.251%
40	13.598	1951	1957	1962	rVB2	27925	50022	1.35%	0.160%
41	13.710	1971	1976	1979	rBV4	43908	73403	1.97%	0.234%
42	13.815	1990	1994	1997	rBV3	202313	263049	7.07%	0.840%
43	13.839	1997	1998	2002	rVB	85694	55860	1.50%	0.178%
44	13.962	2014	2019	2022	rBV2	1237486	1306666	35.14%	4.174%
45	13.986	2022	2023	2030	rVB	206676	159049	4.28%	0.508%
46	14.139	2046	2049	2056	rVB	50638	58925	1.58%	0.188%
47	14.351	2081	2085	2088	rBV	80685	84020	2.26%	0.268%
48	14.386	2088	2091	2094	rVB	49826	41578	1.12%	0.133%
49	14.445	2098	2101	2104	rVB2	78457	74953	2.02%	0.239%
50	15.004	2192	2196	2206	rVV	100535	178575	4.80%	0.570%
51	15.104	2209	2213	2219	rVB3	32881	59815	1.61%	0.191%
52	15.304	2244	2247	2252	rBV	73728	88025	2.37%	0.281%
53	15.368	2254	2258	2263	rVB	110870	136049	3.66%	0.435%
54	15.433	2264	2269	2274	rBV	855655	1058965	28.48%	3.383%
55	16.909	2517	2520	2526	rVB2	28778	50422	1.36%	0.161%
56	17.356	2592	2596	2601	rVB2	26572	47690	1.28%	0.152%

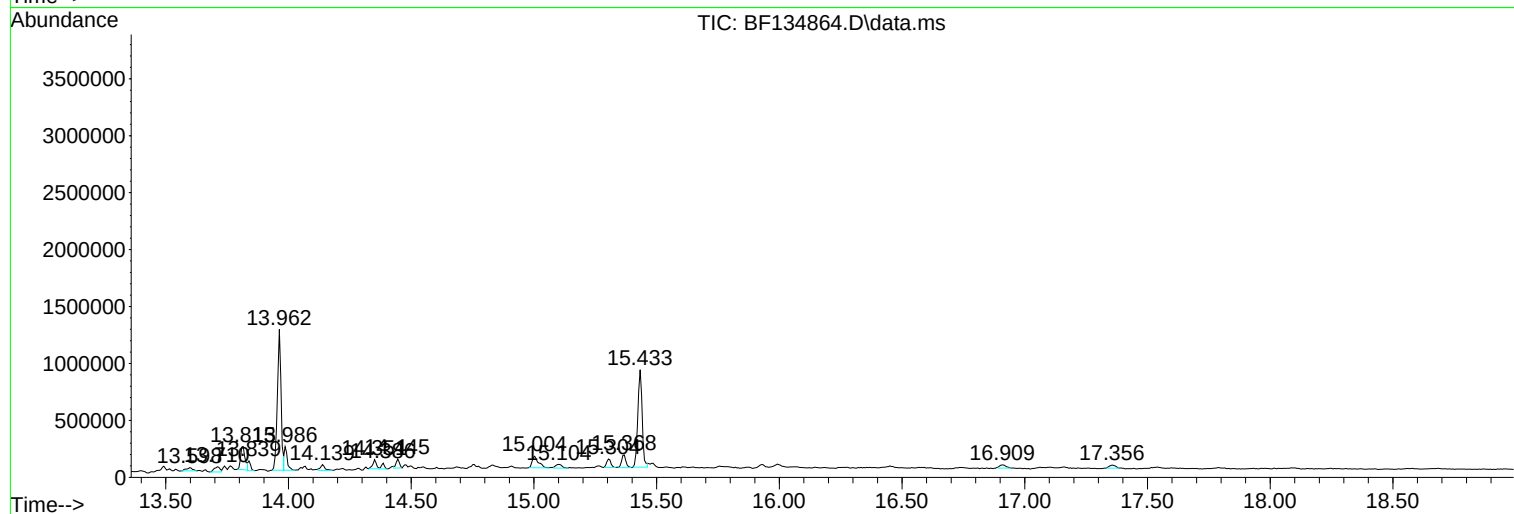
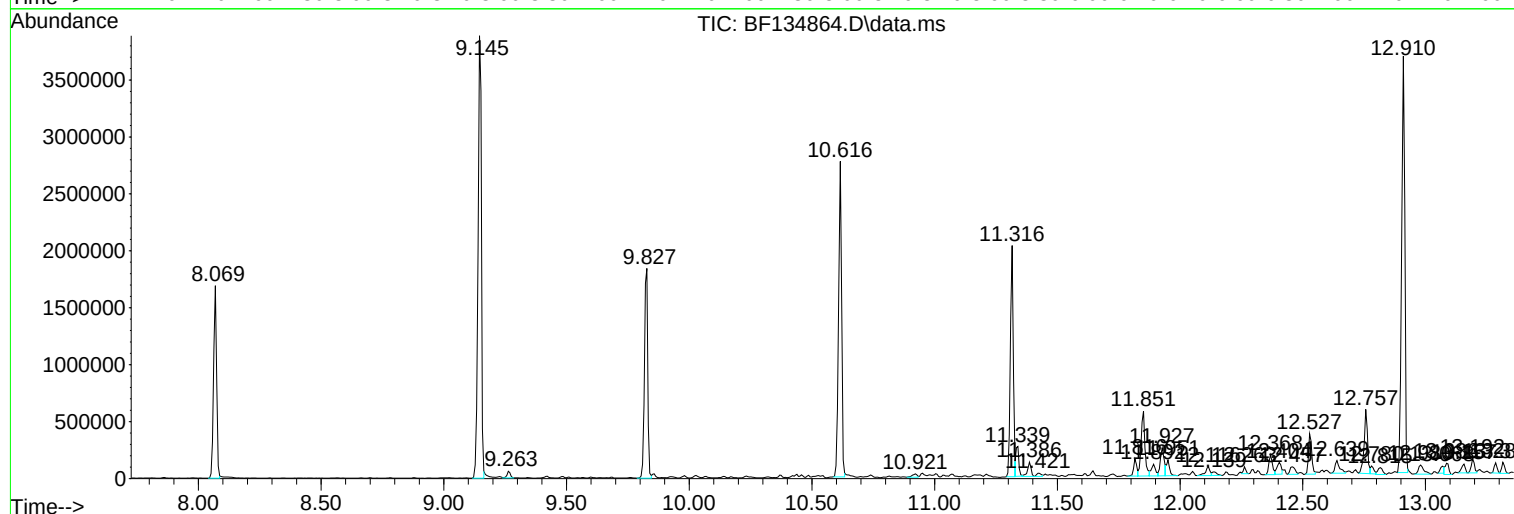
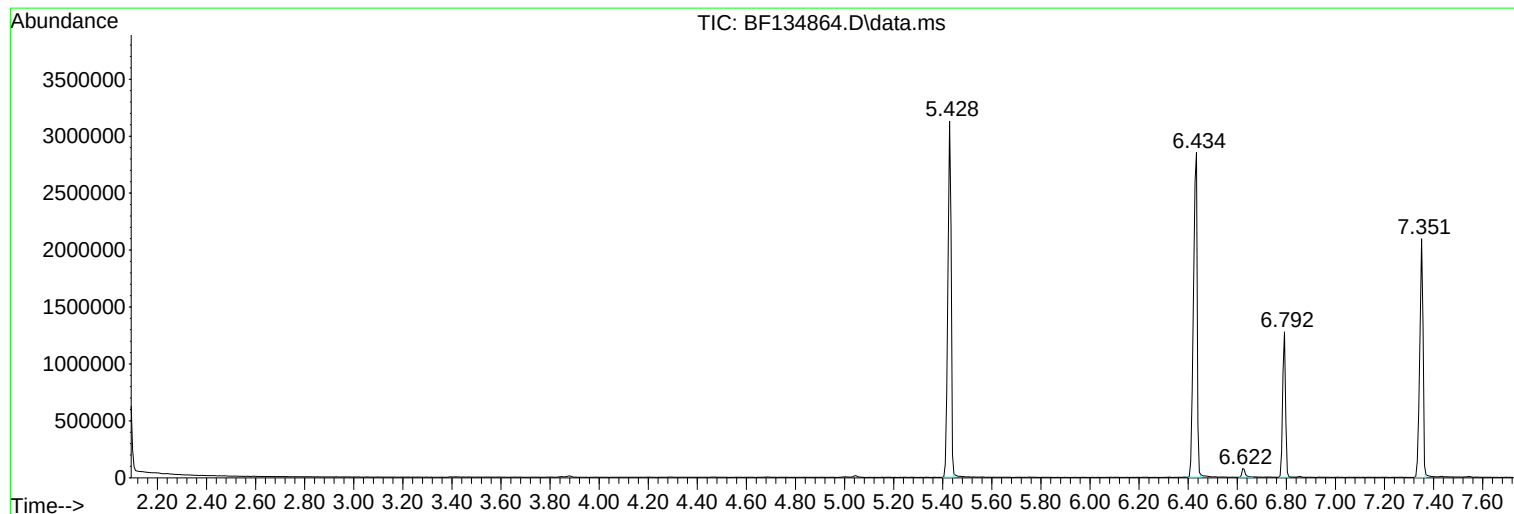
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TIC Library : C:\Database\NIST20.L
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Instrument :
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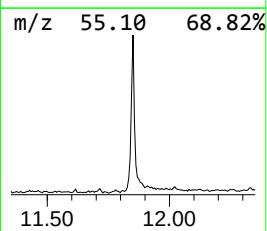
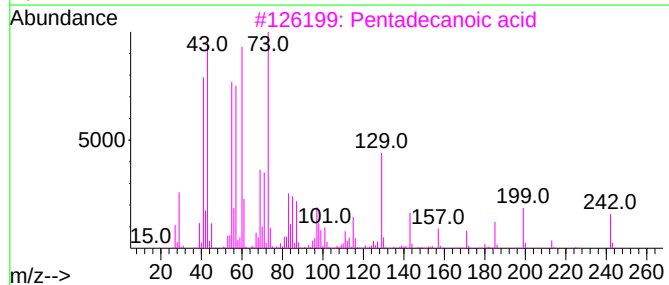
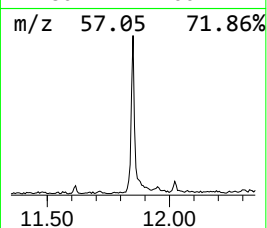
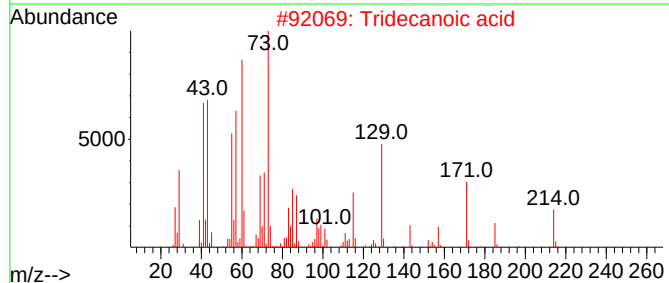
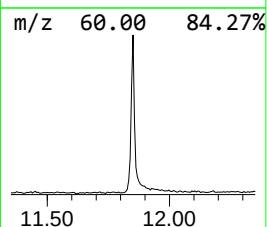
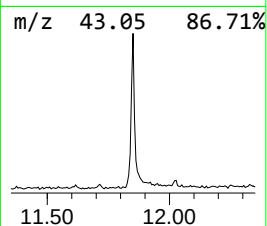
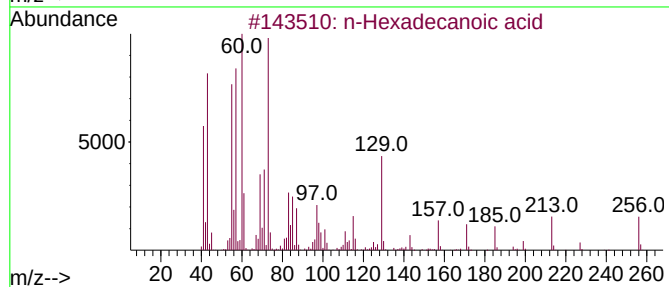
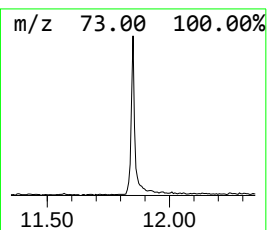
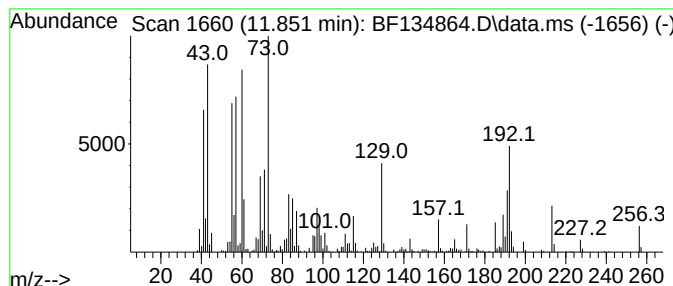
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
11.851	7.22 ng	613925	Phenanthrene-d10	11.316

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	92
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			n-Decanoic acid	172	C10H20O2	000334-48-5	60



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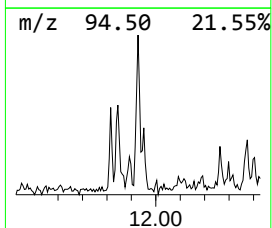
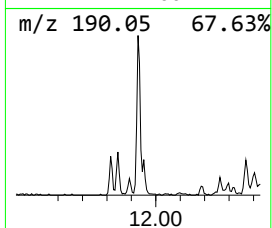
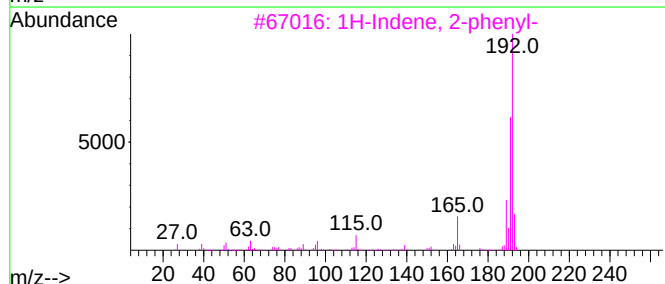
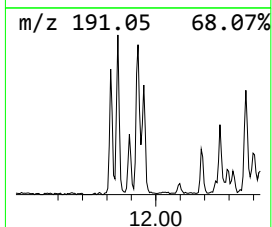
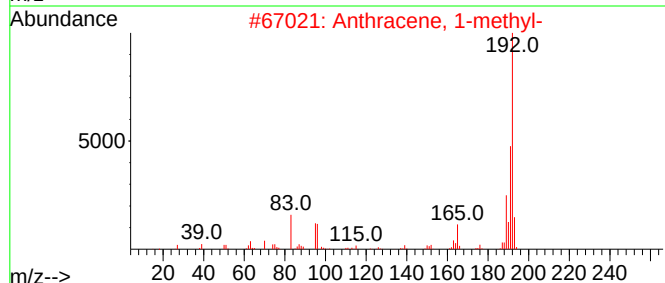
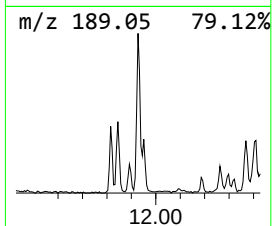
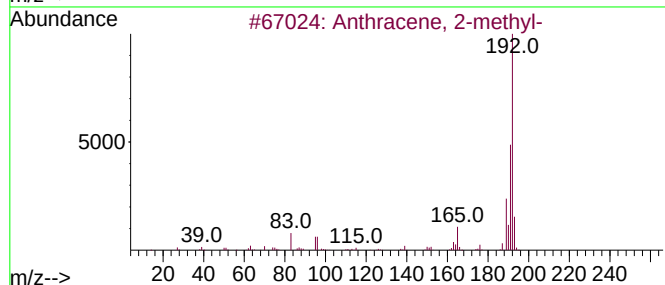
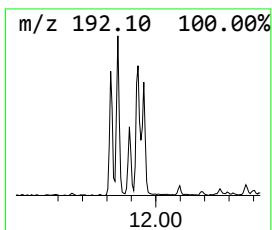
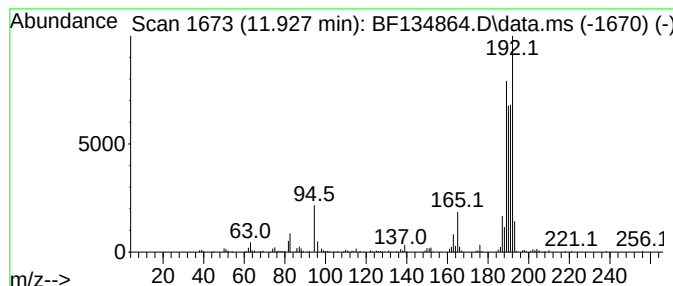
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	3.09 ng	263032	Phenanthrene-d10	11.316

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	50
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	50
4		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46



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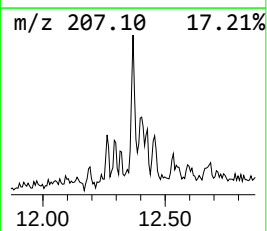
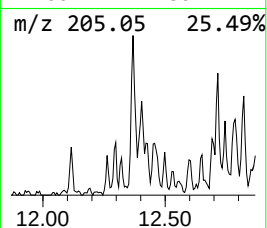
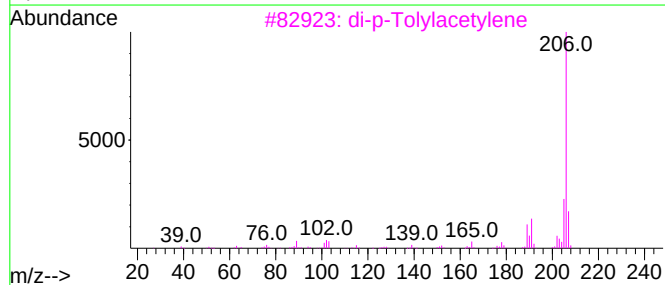
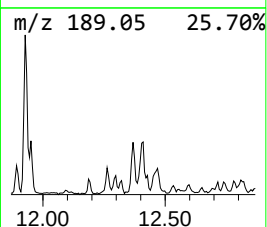
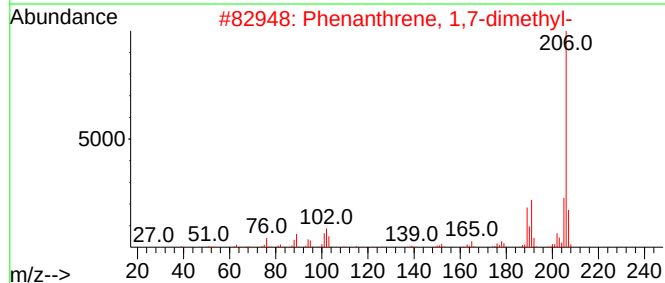
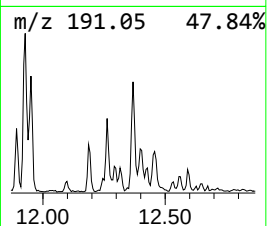
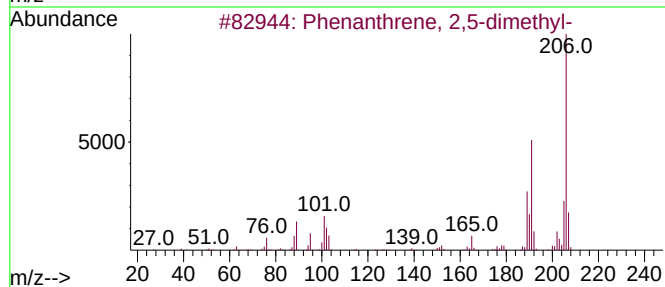
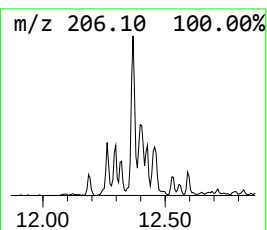
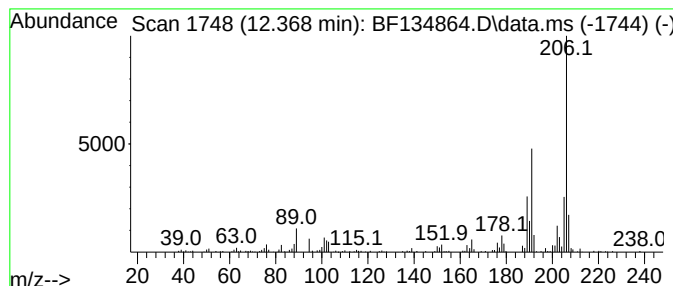
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.368	2.12 ng	180685	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4			9,10-Dimethylantracene	206	C16H14	000781-43-1	93
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90



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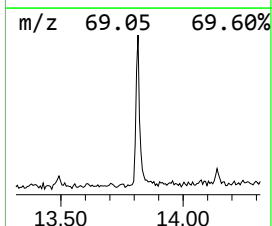
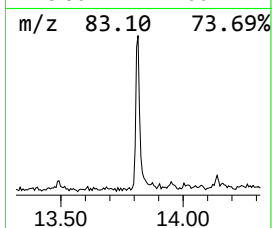
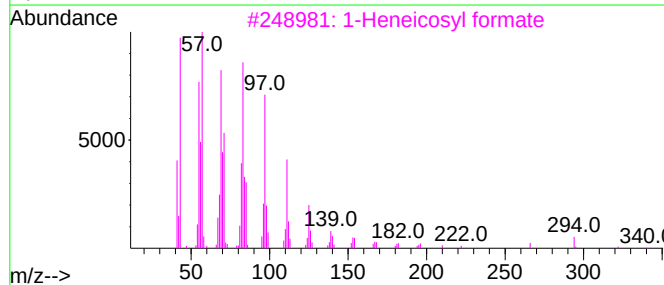
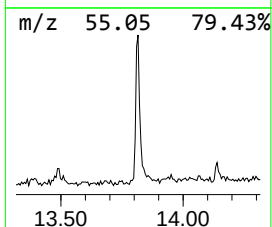
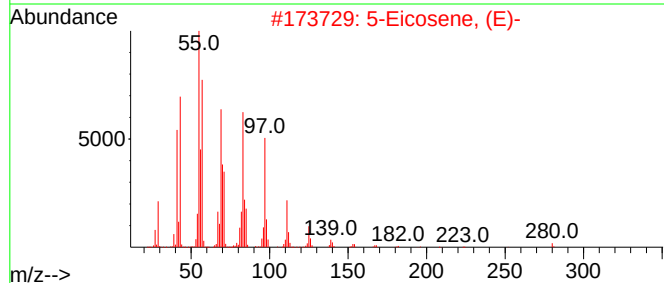
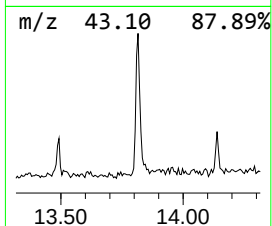
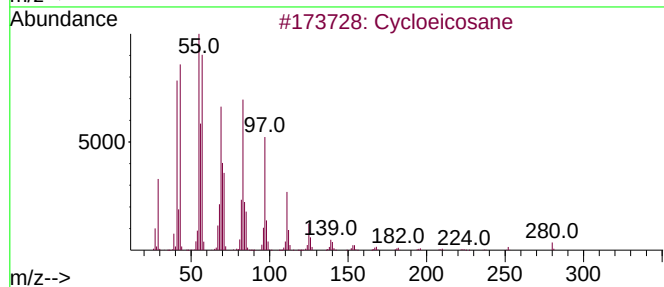
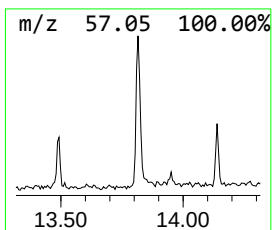
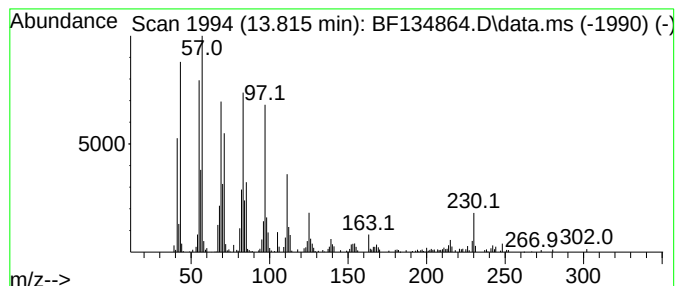
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cycloeicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.815	4.03 ng	263049	Chrysene-d12	13.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cycloeicosane	280	C20H40	000296-56-0	96
2			5-Eicosene, (E)-	280	C20H40	074685-30-6	95
3			1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
4			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5			Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94



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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 ...	11.851	7.2	ng	613925	4	11.316	1701040	20.0
Anthracene, 2-m...	11.927	3.1	ng	263032	4	11.316	1701040	20.0
Phenanthrene, 2...	12.368	2.1	ng	180685	4	11.316	1701040	20.0
Cycloeicosane	13.815	4.0	ng	263049	5	13.963	1306670	20.0