

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
 Data File : BF134556.D
 Acq On : 01 Aug 2023 19:24
 Operator : CG\JU
 Sample : 03645-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-(0.5-2.0)

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: BF134556.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.875	296	304	309	rVB	34596	55900	1.32%	0.130%
2	5.028	493	500	505	rVB2	33179	47526	1.12%	0.110%
3	5.416	558	566	569	rBV	3939044	4173360	98.49%	9.688%
4	5.645	602	605	608	rBV	78349	73398	1.73%	0.170%
5	6.416	729	736	739	rBV	3683631	4193869	98.97%	9.736%
6	6.616	768	770	780	rVB2	91995	116379	2.75%	0.270%
7	6.792	796	800	803	rBV	1404546	1150277	27.15%	2.670%
8	6.851	807	810	814	rBV3	44341	46268	1.09%	0.107%
9	7.351	885	895	898	rBV	2847544	2618250	61.79%	6.078%
10	8.069	1012	1017	1019	rBV	1876372	1573810	37.14%	3.654%
11	8.086	1019	1020	1023	rVB	174492	113187	2.67%	0.263%
12	8.781	1132	1138	1141	rVB	216176	175520	4.14%	0.407%
13	8.881	1151	1155	1158	rBV	161278	136881	3.23%	0.318%
14	9.145	1195	1200	1203	rBV	4703821	4237450	100.00%	9.837%
15	9.233	1212	1215	1218	rBV2	67670	71708	1.69%	0.166%
16	9.404	1241	1244	1249	rVB2	51396	73230	1.73%	0.170%
17	9.481	1254	1257	1259	rVV	111772	99728	2.35%	0.232%
18	9.504	1259	1261	1264	rVB	88878	71031	1.68%	0.165%
19	9.539	1264	1267	1272	rBV	262546	223964	5.29%	0.520%
20	9.680	1286	1291	1296	rBV	81010	68864	1.63%	0.160%
21	9.822	1309	1315	1318	rBV	2117973	1663140	39.25%	3.861%
22	9.851	1318	1320	1324	rVB3	62873	66403	1.57%	0.154%
23	10.028	1346	1350	1353	rVB	100485	91570	2.16%	0.213%
24	10.116	1361	1365	1367	rBV	110777	99157	2.34%	0.230%
25	10.233	1380	1385	1386	rBV2	44682	49542	1.17%	0.115%
26	10.363	1404	1407	1410	rBV2	103909	93927	2.22%	0.218%
27	10.527	1432	1435	1441	rVB	60332	57420	1.36%	0.133%
28	10.610	1444	1449	1452	rVV	3109235	2754689	65.01%	6.395%
29	10.657	1452	1457	1461	rVB3	35986	51552	1.22%	0.120%
30	10.751	1467	1473	1478	rBV2	106863	168302	3.97%	0.391%
31	10.916	1495	1501	1504	rBV5	30244	57549	1.36%	0.134%
32	11.051	1518	1524	1525	rBV4	53473	68638	1.62%	0.159%
33	11.110	1532	1534	1539	rVB3	58521	61524	1.45%	0.143%
34	11.157	1539	1542	1545	rBV2	46649	62765	1.48%	0.146%
35	11.192	1545	1548	1552	rBV2	79399	103645	2.45%	0.241%
36	11.310	1564	1568	1570	rBV	1975516	1650172	38.94%	3.831%

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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-BF080123.M
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37	11.333	1570	1572	1575	rVV	984228	743950	17.56%	1.727%
38	11.380	1575	1580	1583	rVB	225110	210935	4.98%	0.490%
39	11.539	1604	1607	1609	rVB	86893	77720	1.83%	0.180%
40	11.616	1617	1620	1623	rBV2	84378	81001	1.91%	0.188%
41	11.810	1650	1653	1655	rBV	198997	163898	3.87%	0.380%
42	11.851	1655	1660	1663	rVV2	450028	571945	13.50%	1.328%
43	11.886	1663	1666	1668	rVV	78519	86320	2.04%	0.200%
44	11.922	1668	1672	1674	rVV	207727	218548	5.16%	0.507%
45	11.945	1674	1676	1681	rVB	118458	99364	2.34%	0.231%
46	12.027	1686	1690	1695	rVB3	81903	91246	2.15%	0.212%
47	12.110	1700	1704	1705	rVV	112672	105115	2.48%	0.244%
48	12.127	1705	1707	1710	rVB	83807	69109	1.63%	0.160%
49	12.257	1726	1729	1733	rBV3	49469	57178	1.35%	0.133%
50	12.363	1743	1747	1750	rBV	95997	93841	2.21%	0.218%
51	12.421	1754	1757	1759	rVV	131921	144110	3.40%	0.335%
52	12.445	1759	1761	1766	rVB3	68930	82317	1.94%	0.191%
53	12.521	1771	1774	1778	rBV	1510301	1217854	28.74%	2.827%
54	12.639	1791	1794	1798	rBV3	79433	108815	2.57%	0.253%
55	12.751	1807	1813	1816	rBV	1157155	1134643	26.78%	2.634%
56	12.792	1817	1820	1827	rVB3	128847	173137	4.09%	0.402%
57	12.869	1830	1833	1835	rBV	78715	65404	1.54%	0.152%
58	12.904	1835	1839	1842	rVV	4103857	3533410	83.39%	8.203%
59	12.969	1845	1850	1853	rBV3	78692	125765	2.97%	0.292%
60	13.080	1866	1869	1872	rVB	154293	145626	3.44%	0.338%
61	13.151	1877	1881	1883	rVV	189698	168145	3.97%	0.390%
62	13.180	1883	1886	1889	rBV	127092	120794	2.85%	0.280%
63	13.274	1899	1902	1905	rVB	70138	54637	1.29%	0.127%
64	13.304	1905	1907	1912	rBV3	65307	68202	1.61%	0.158%
65	13.492	1936	1939	1944	rVB3	122526	137361	3.24%	0.319%
66	13.586	1952	1955	1960	rVB	75035	83822	1.98%	0.195%
67	13.698	1970	1974	1977	rBV2	100435	119781	2.83%	0.278%
68	13.727	1977	1979	1981	rBV	79167	67933	1.60%	0.158%
69	13.816	1991	1994	1998	rVB2	227208	280056	6.61%	0.650%
70	13.951	2009	2017	2020	rBV2	1360534	1751223	41.33%	4.065%
71	13.974	2020	2021	2028	rVB	537919	438689	10.35%	1.018%
72	14.139	2046	2049	2052	rBV2	114097	101124	2.39%	0.235%
73	14.339	2080	2083	2086	rVB	104688	90053	2.13%	0.209%
74	14.374	2086	2089	2092	rVB	76124	69096	1.63%	0.160%
75	14.451	2100	2102	2106	rVB2	58374	66388	1.57%	0.154%
76	14.674	2138	2140	2145	rVB5	46805	54634	1.29%	0.127%

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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

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Peak separation: 5

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77	14.757	2151	2154	2159	rVB	73507	75882	1.79%	0.176%
78	14.986	2188	2193	2196	rBV	480772	766927	18.10%	1.780%
79	15.092	2208	2211	2217	rVB2	106087	133013	3.14%	0.309%
80	15.286	2239	2244	2250	rVB	281085	352071	8.31%	0.817%
81	15.345	2250	2254	2260	rBV	391683	454830	10.73%	1.056%
82	15.410	2260	2265	2269	rBV	935131	1148845	27.11%	2.667%
83	15.439	2269	2270	2276	rVB2	98409	78344	1.85%	0.182%
84	16.868	2508	2513	2521	rVB2	144745	291075	6.87%	0.676%
85	17.309	2582	2588	2596	rVB	106442	219081	5.17%	0.509%
86	18.333	2756	2762	2764	rBV7	28415	61611	1.45%	0.143%

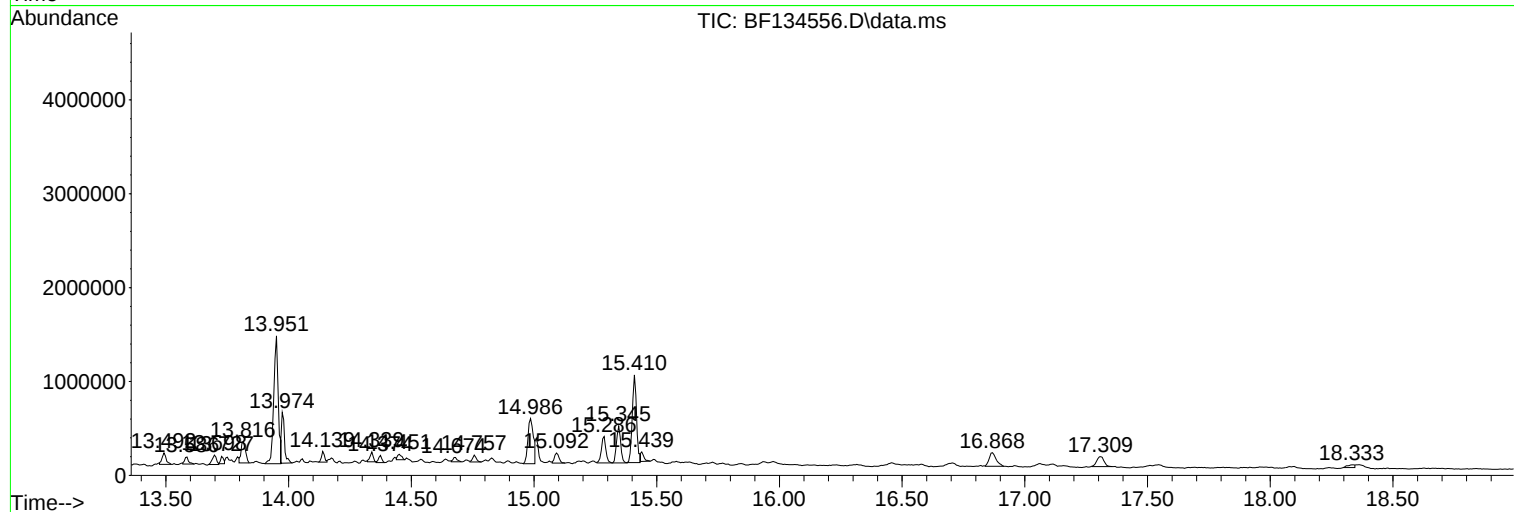
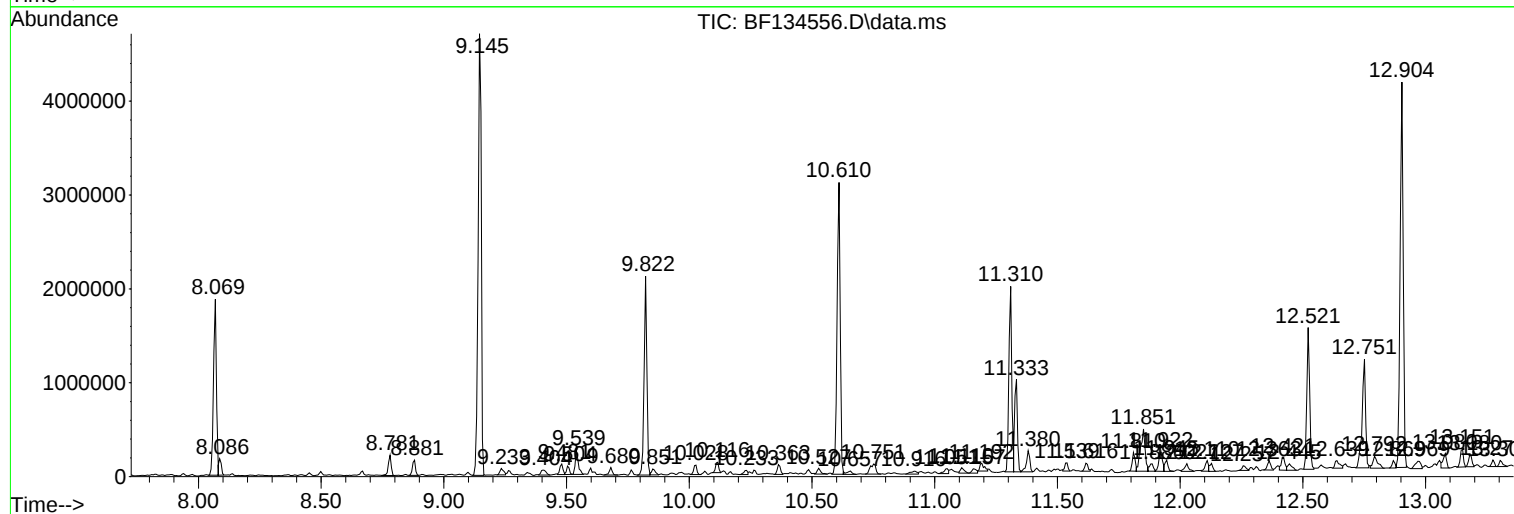
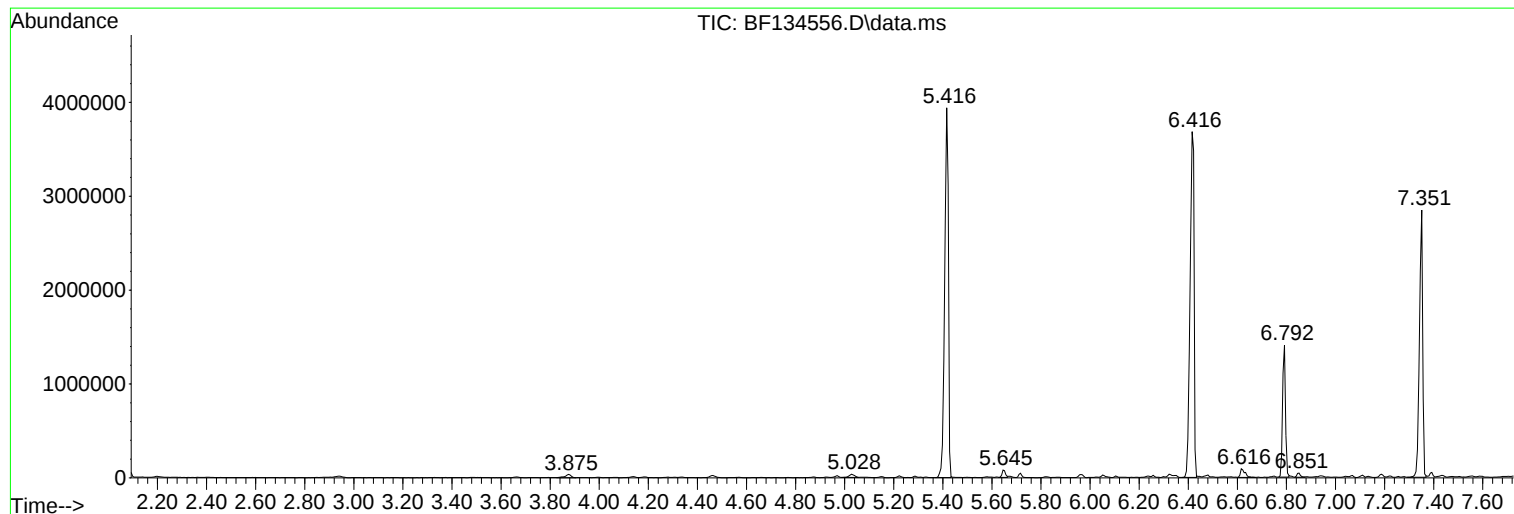
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Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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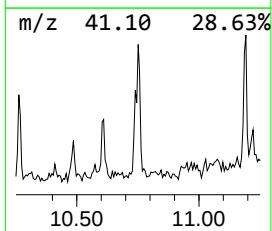
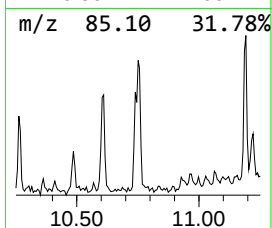
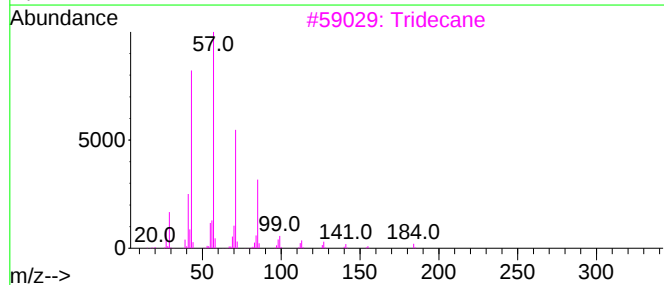
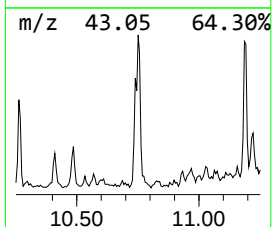
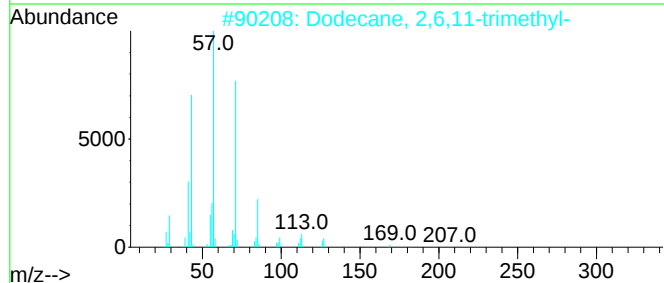
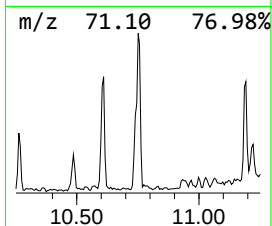
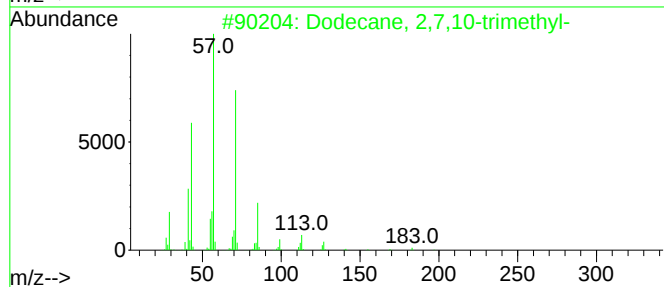
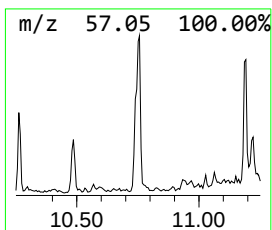
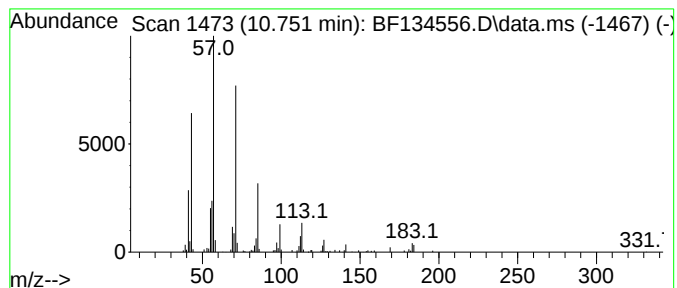
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Dodecane, 2,7,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.751	2.04 ng	168302	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
3			Tridecane	184	C13H28	000629-50-5	80
4			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	80
5			Tridecane, 5-propyl-	226	C16H34	055045-11-9	78



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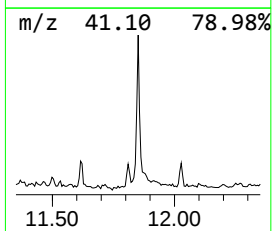
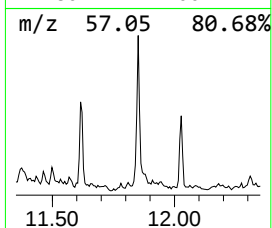
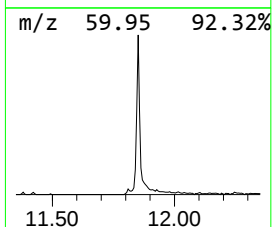
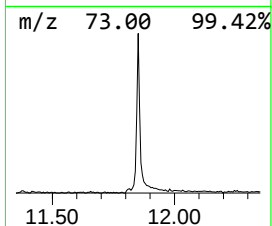
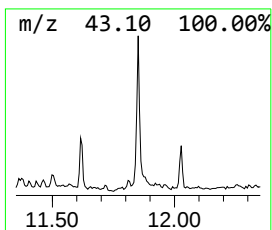
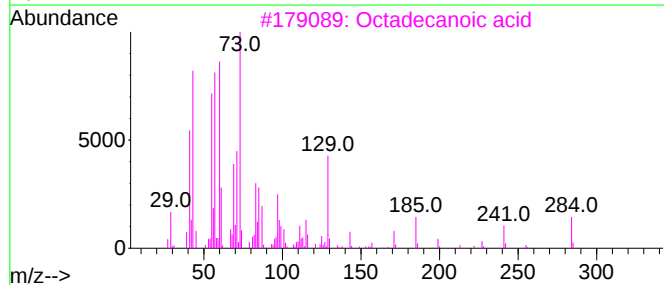
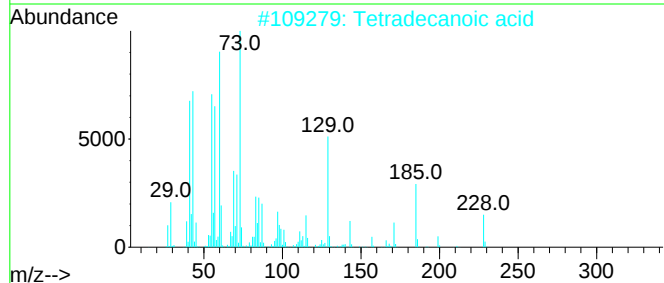
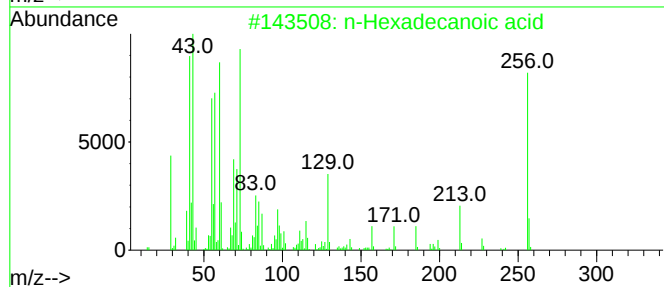
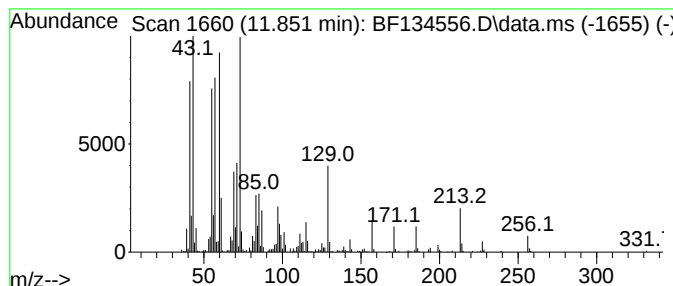
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	6.93 ng	571945	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3			Octadecanoic acid	284	C18H36O2	000057-11-4	93
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5			Tridecanoic acid	214	C13H26O2	000638-53-9	91



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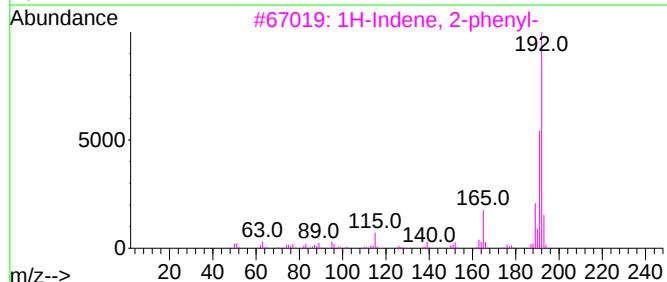
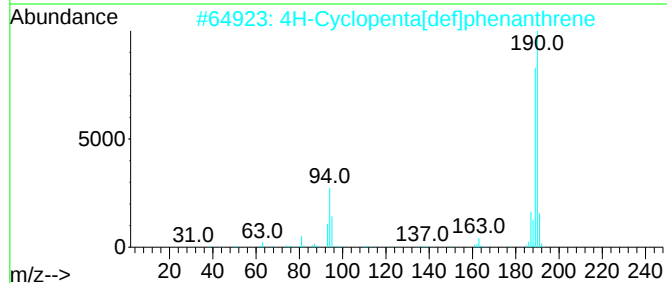
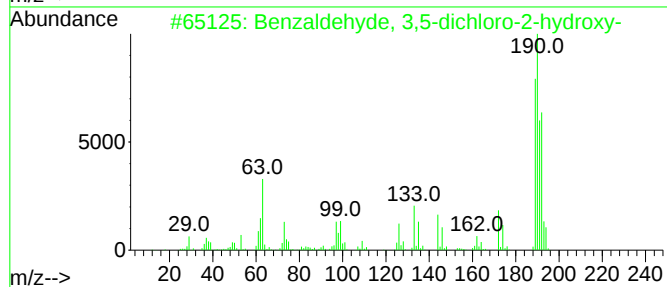
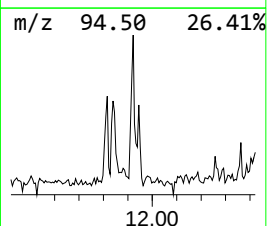
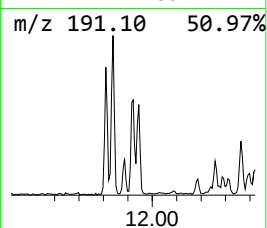
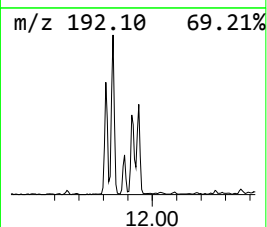
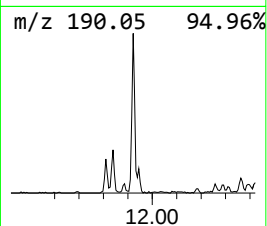
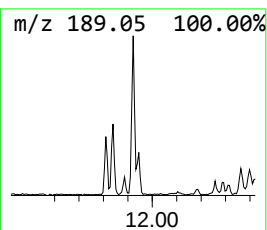
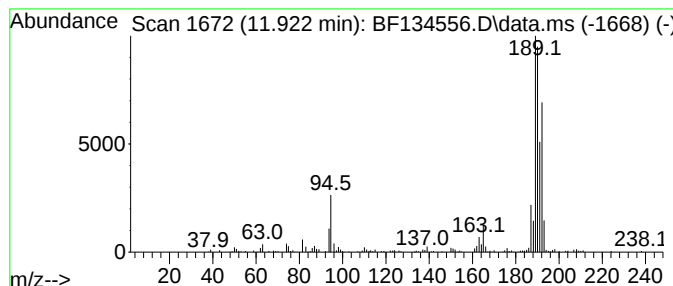
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzaldehyde, 3,5-dichloro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	2.65 ng	218548	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
4			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30



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ClientSampleId :
SB-08-(0.5-2.0)

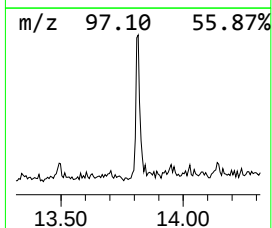
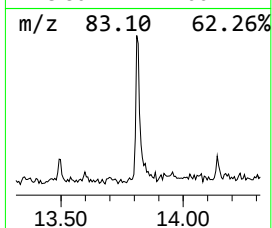
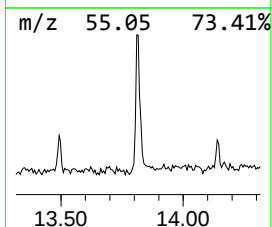
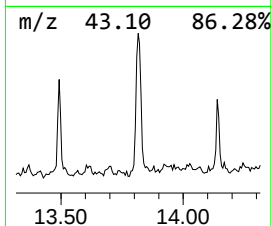
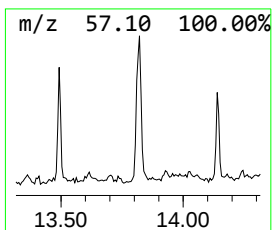
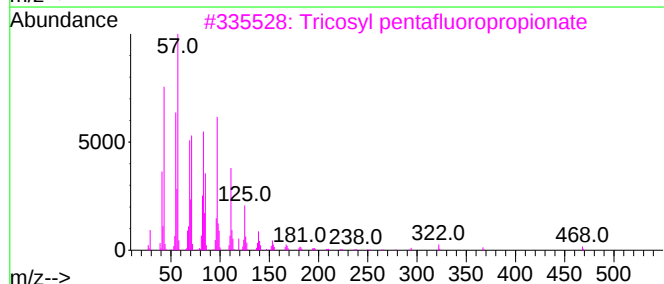
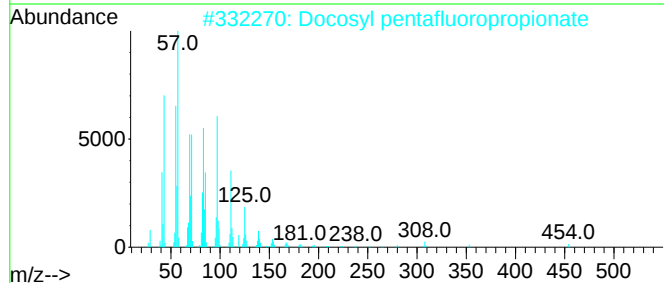
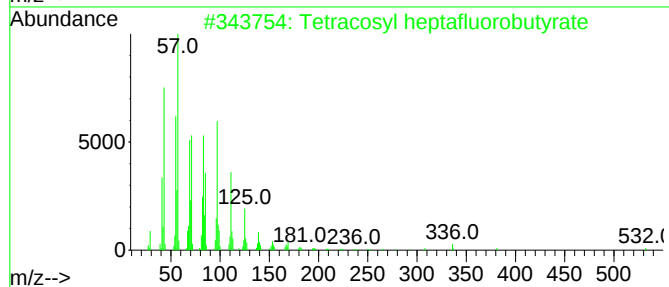
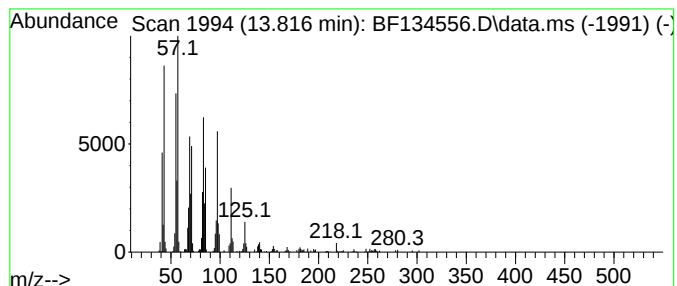
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetracosyl heptafluorobutyrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.816	3.20 ng	280056	Chrysene-d12	13.951

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	91
2			Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91
3			Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	91
4			1-Heptacosanol	396	C27H56O	002004-39-9	87
5			17-Pentatriacontene	491	C35H70	006971-40-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
Data File : BF134556.D
Acq On : 01 Aug 2023 19:24
Operator : CG\JU
Sample : 03645-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-08-(0.5-2.0)

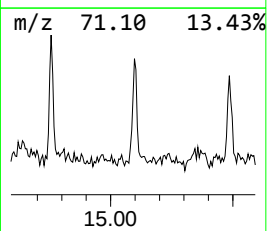
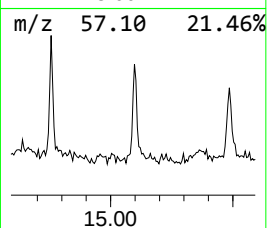
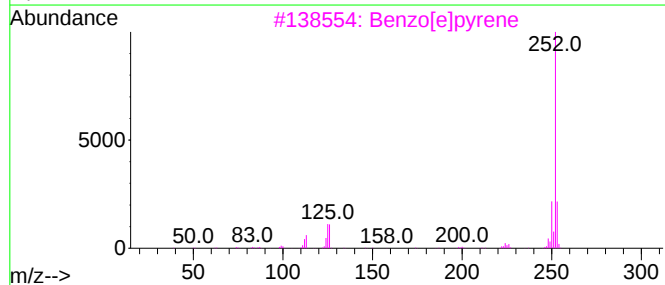
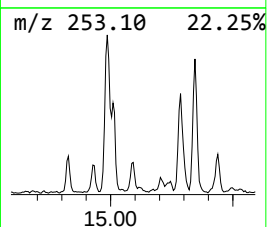
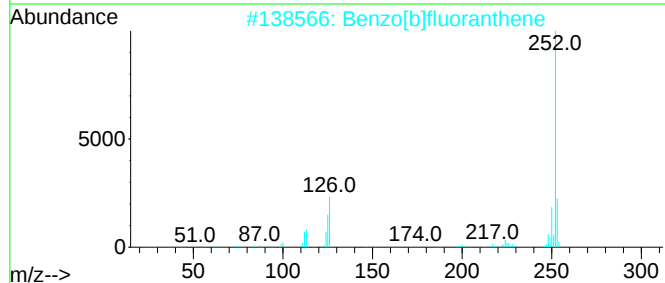
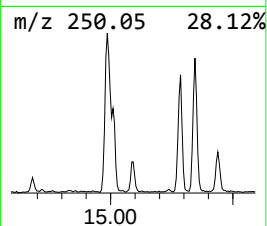
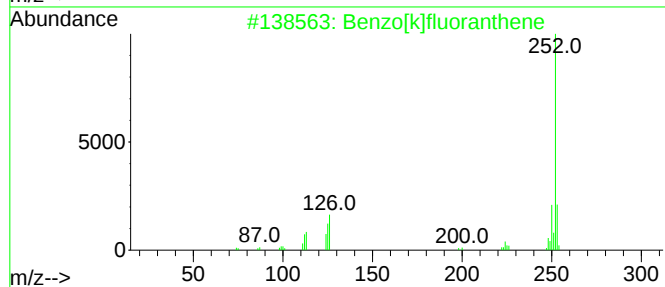
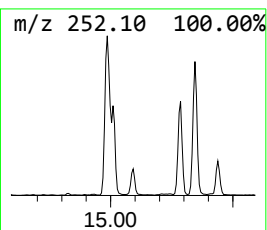
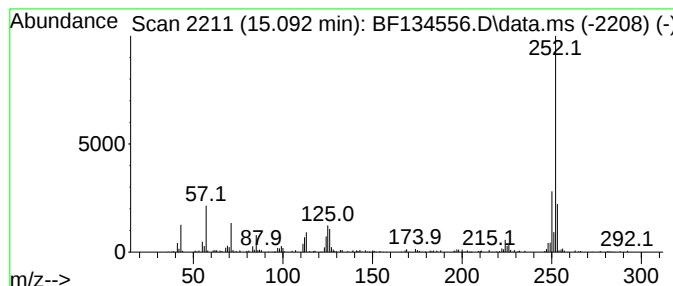
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.092	2.32 ng	133013	Perylene-d12	15.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3			Benzo[e]pyrene	252	C20H12	000192-97-2	91
4			Benzo[a]pyrene	252	C20H12	000050-32-8	91
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
Data File : BF134556.D
Acq On : 01 Aug 2023 19:24
Operator : CG\JU
Sample : 03645-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-08-(0.5-2.0)

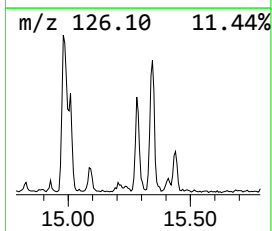
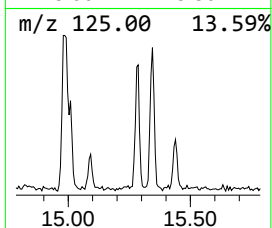
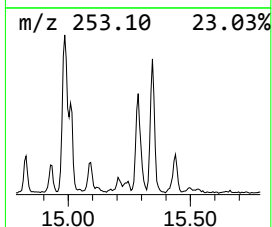
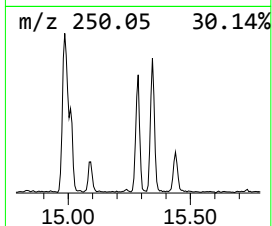
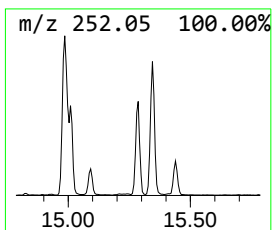
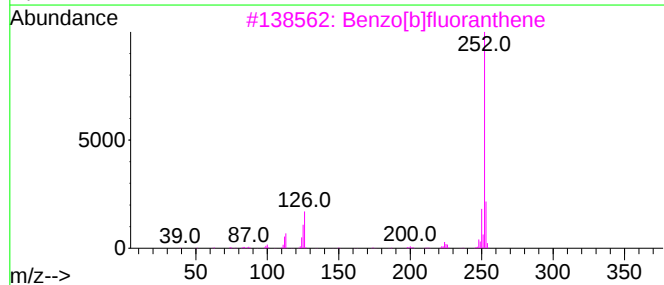
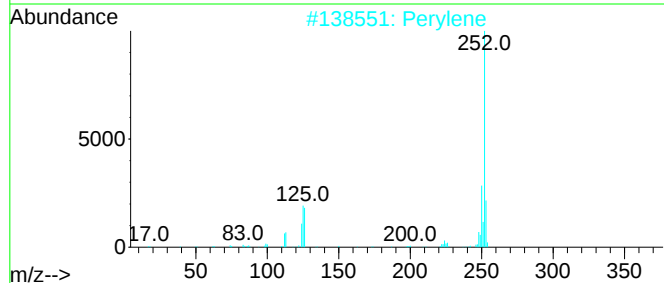
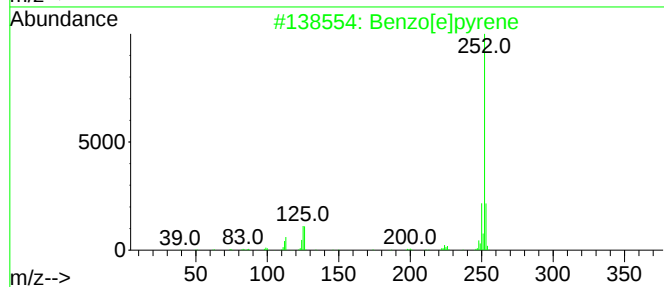
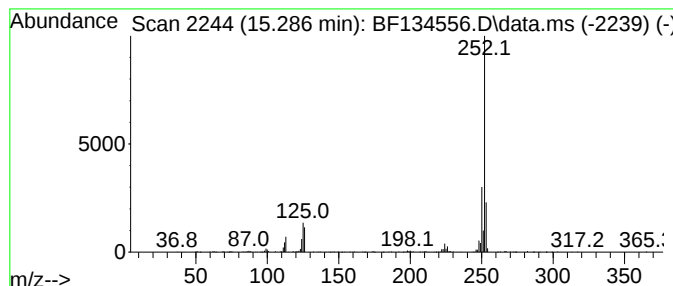
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.286	6.13 ng	352071	Perylene-d12	15.410

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Perylene	252	C20H12	000198-55-0	95
3		Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5		Benzo[a]pyrene	252	C20H12	000050-32-8	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
Data File : BF134556.D
Acq On : 01 Aug 2023 19:24
Operator : CG\JU
Sample : 03645-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-08-(0.5-2.0)

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dodecane, 2,7,1...	10.751	2.0	ng	168302	4	11.310	1650170	20.0
n-Hexadecanoic ...	11.851	6.9	ng	571945	4	11.310	1650170	20.0
Benzaldehyde, 3...	11.922	2.6	ng	218548	4	11.310	1650170	20.0
Tetracosyl hept...	13.816	3.2	ng	280056	5	13.951	1751220	20.0
Benzo[e]pyrene	15.092	2.3	ng	133013	6	15.410	1148850	20.0
Perylene	15.286	6.1	ng	352071	6	15.410	1148850	20.0