

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050222\
 Data File : BF128034.D
 Acq On : 02 May 2022 19:07
 Operator : CG\JU
 Sample : N2605-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-042822

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-BF042222.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128034.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.163	485	489	495	rVB	31572	39302	1.77%	0.253%
2	5.551	551	555	564	rVB	2137840	2026154	91.28%	13.021%
3	6.557	721	726	729	rBV	2187769	2021705	91.08%	12.993%
4	6.928	786	789	793	rBV	783559	609757	27.47%	3.919%
5	7.492	881	885	888	rBV	1517979	1360893	61.31%	8.746%
6	8.216	1004	1008	1011	rBV	822477	729346	32.86%	4.687%
7	8.792	1103	1106	1110	rVB	53424	46711	2.10%	0.300%
8	9.286	1186	1190	1193	rBV	2586496	2219707	100.00%	14.265%
9	9.357	1199	1202	1205	rVB	52476	42540	1.92%	0.273%
10	9.975	1303	1307	1310	rBV	817579	694982	31.31%	4.466%
11	10.004	1310	1312	1315	rVB	81592	59662	2.69%	0.383%
12	10.175	1337	1341	1345	rVB	33262	36009	1.62%	0.231%
13	10.522	1397	1400	1406	rVB	65288	57171	2.58%	0.367%
14	10.763	1437	1441	1452	rBV	1220009	1078354	48.58%	6.930%
15	10.875	1455	1460	1469	rVB4	22582	42931	1.93%	0.276%
16	11.463	1557	1560	1563	rBV	712871	617503	27.82%	3.969%
17	11.486	1563	1564	1570	rVV	141869	108082	4.87%	0.695%
18	11.539	1570	1573	1577	rVV	79394	63195	2.85%	0.406%
19	11.839	1622	1624	1627	rBV	31125	25895	1.17%	0.166%
20	11.975	1644	1647	1649	rBV2	53691	50820	2.29%	0.327%
21	12.080	1662	1665	1668	rBV2	64513	64392	2.90%	0.414%
22	12.533	1737	1742	1743	rBV3	66487	73173	3.30%	0.470%
23	12.551	1743	1745	1748	rVB4	45426	42081	1.90%	0.270%
24	12.680	1764	1767	1771	rBV	346960	301575	13.59%	1.938%
25	12.916	1800	1807	1809	rBV	296235	321952	14.50%	2.069%
26	13.051	1826	1830	1833	rBV	2067522	1748854	78.79%	11.239%
27	13.310	1871	1874	1876	rBV	38637	33251	1.50%	0.214%
28	14.116	2006	2011	2014	rBV2	603955	646260	29.11%	4.153%
29	15.633	2266	2269	2276	rVB2	294119	397845	17.92%	2.557%

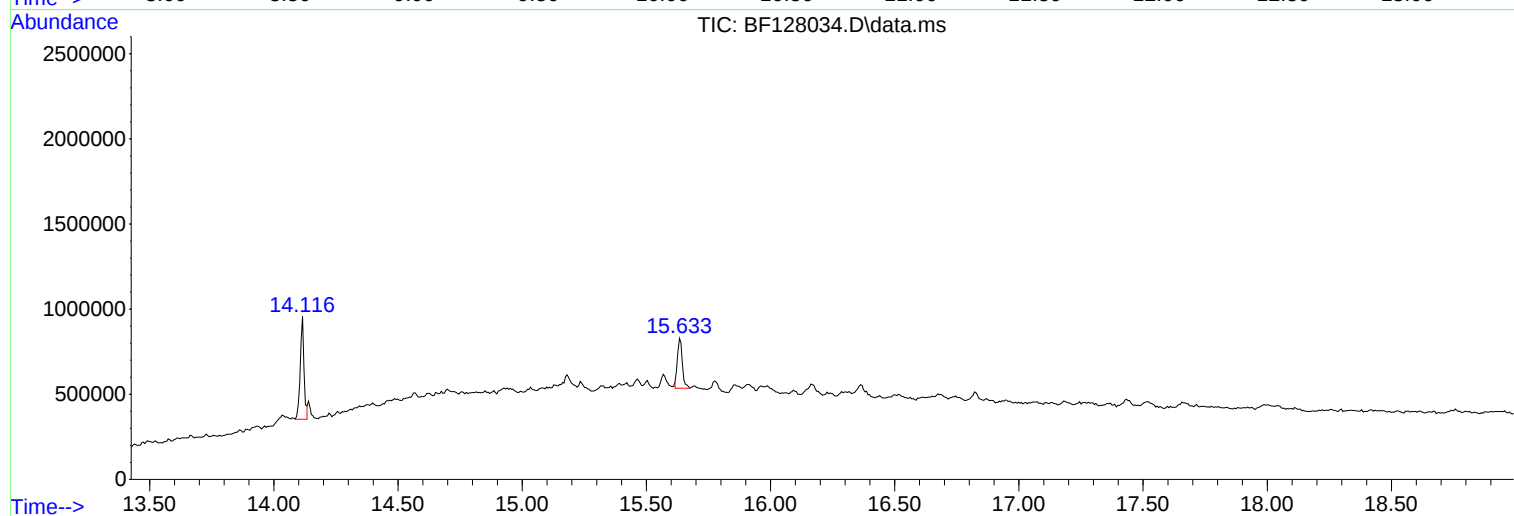
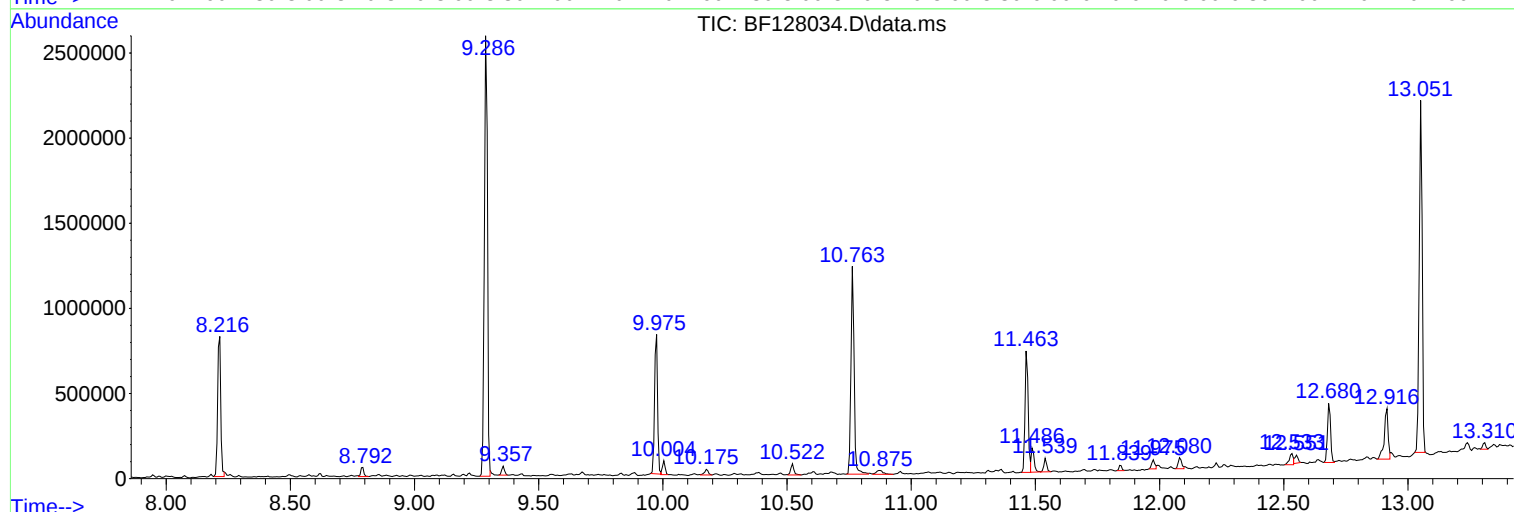
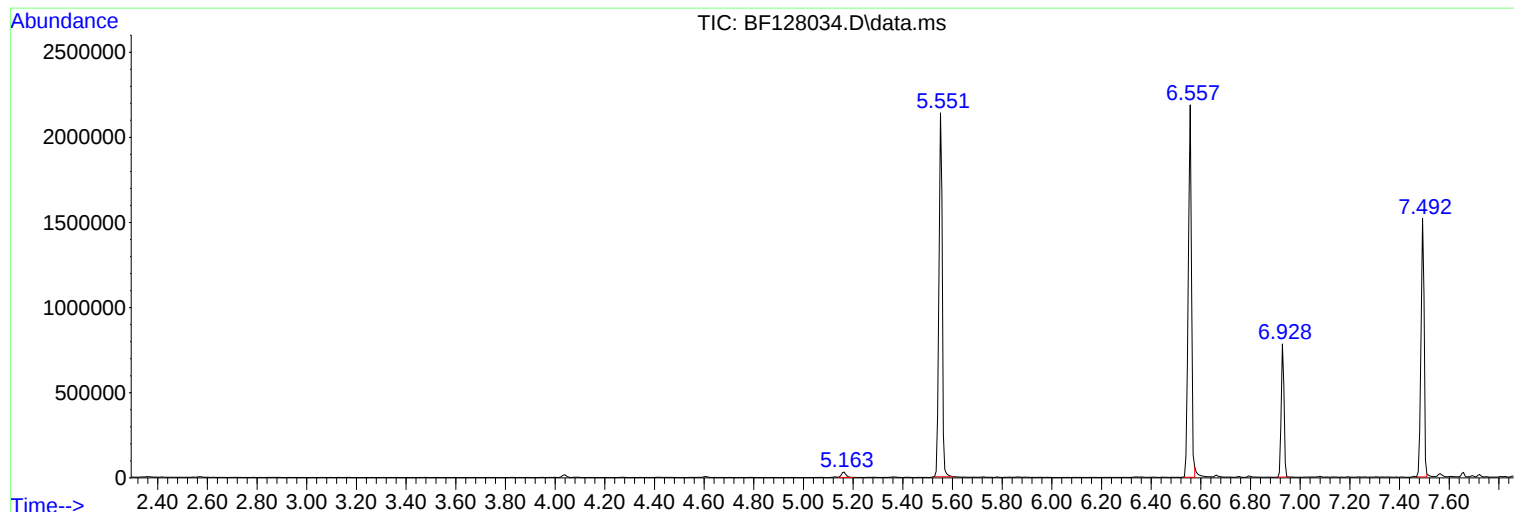
Sum of corrected areas: 15560102

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.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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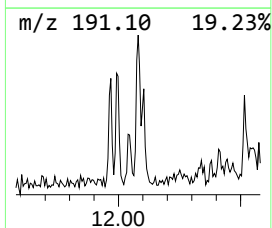
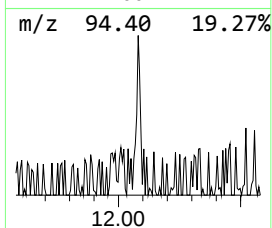
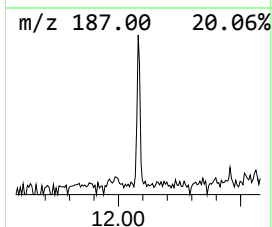
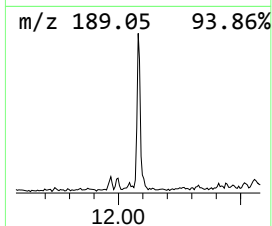
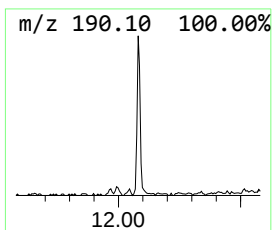
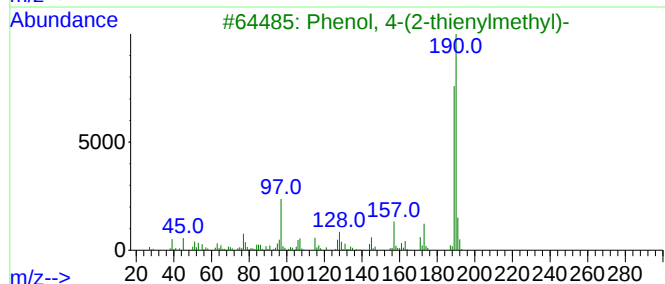
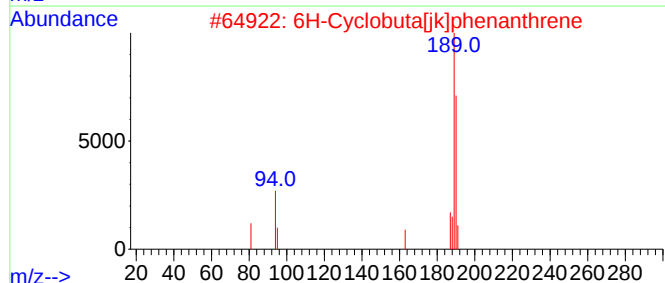
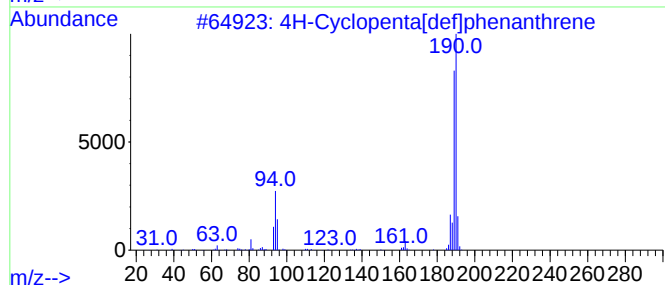
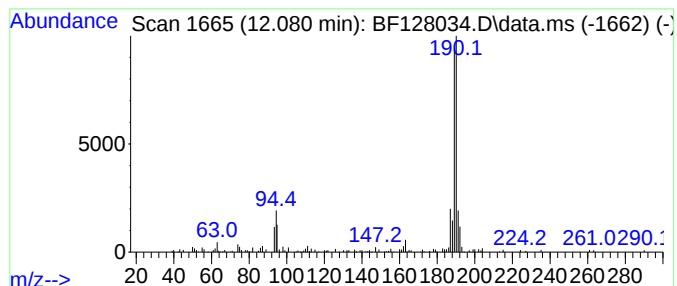
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Peak Number 1 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.080	2.09 ng	64392	Phenanthrene-d10	11.463

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3			Phenol, 4-(2-thienylmethyl)-	190	C11H10O5	091680-55-6	58
4			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5			Benzo[1,2-b:3,4-b']dithiophene	190	C10H6S2	000211-02-9	43



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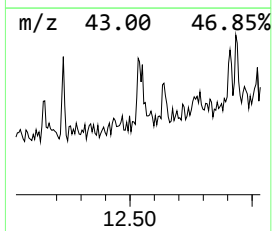
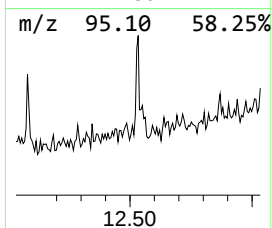
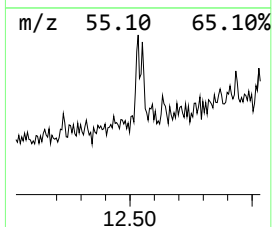
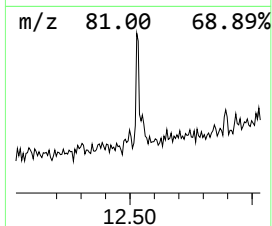
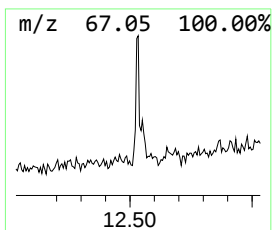
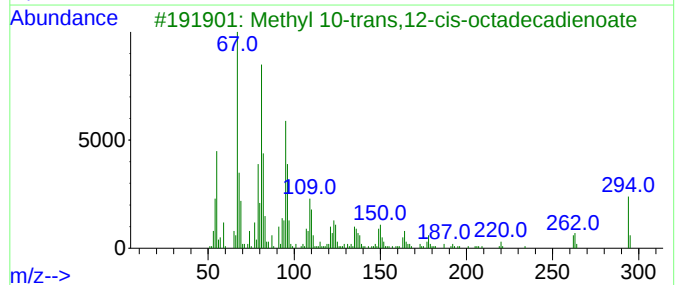
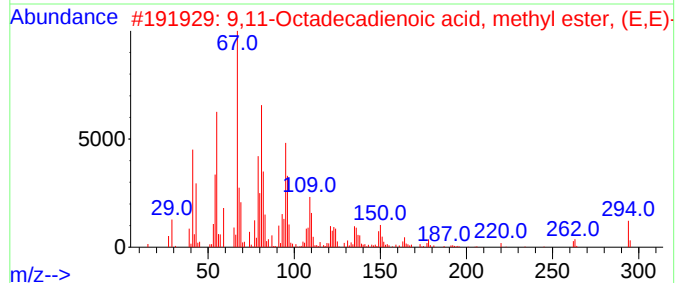
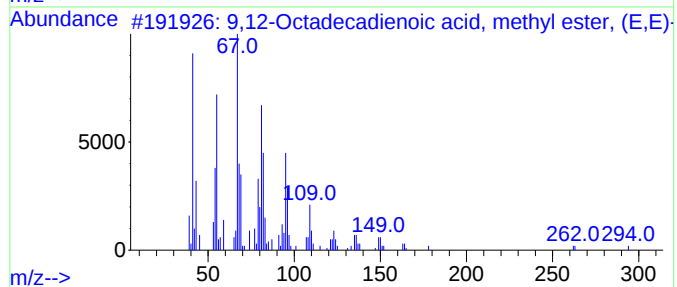
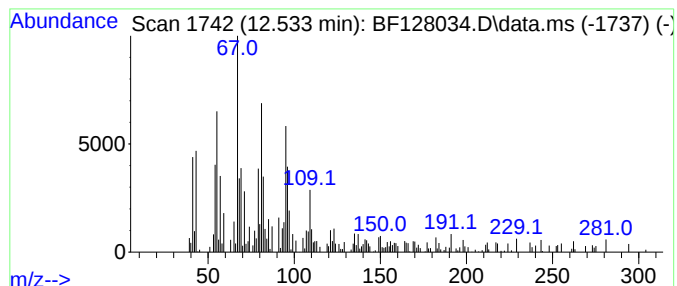
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Peak Number 2 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.533	2.37 ng	73173	Phenanthrene-d10			11.463
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	93
2		9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	91
3		Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	89
4		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	87
5		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
4H-Cyclopenta[d... 12.080	12.080	2.1	ng	64392	4	11.463	617503	20.0
9,12-Octadecadi... 12.533	12.533	2.4	ng	73173	4	11.463	617503	20.0