

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
 Data File : BF135389.D
 Acq On : 21 Sep 2023 19:48
 Operator : CG\JU
 Sample : 04474-01 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H-2313-SOIL

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-BF091123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135389.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.787	285	289	294	rVB	18908	25566	1.95%	0.236%
2	4.981	488	492	500	rVB	11109	16004	1.22%	0.148%
3	5.387	557	561	579	rBV	1275436	1301024	99.31%	12.014%
4	6.398	730	733	751	rBV	1426735	1310030	100.00%	12.097%
5	6.757	790	794	806	rVB	1006707	780217	59.56%	7.204%
6	7.316	886	889	897	rBV	807973	759856	58.00%	7.016%
7	8.034	1008	1011	1015	rBV	1036926	913103	69.70%	8.432%
8	9.110	1191	1194	1205	rBV	1119012	1002571	76.53%	9.258%
9	9.233	1211	1215	1219	rVB	15914	17426	1.33%	0.161%
10	9.792	1306	1310	1314	rBV	989285	803538	61.34%	7.420%
11	10.586	1441	1445	1457	rBV	514000	518338	39.57%	4.786%
12	10.710	1462	1466	1470	rVB3	11008	15438	1.18%	0.143%
13	11.022	1515	1519	1524	rVB6	10991	15682	1.20%	0.145%
14	11.286	1560	1564	1566	rBV	870094	755912	57.70%	6.980%
15	11.310	1566	1568	1571	rVV	82658	73671	5.62%	0.680%
16	11.363	1574	1577	1579	rVB	15021	15080	1.15%	0.139%
17	11.792	1646	1650	1652	rBV	11855	13713	1.05%	0.127%
18	11.822	1652	1655	1662	rBV	87533	111141	8.48%	1.026%
19	12.339	1740	1743	1747	rBV5	13640	16921	1.29%	0.156%
20	12.504	1768	1771	1775	rVB	128116	101987	7.79%	0.942%
21	12.610	1787	1789	1794	rBV6	12913	15408	1.18%	0.142%
22	12.733	1805	1810	1813	rBV	103538	96799	7.39%	0.894%
23	12.880	1831	1835	1838	rBV	833770	743388	56.75%	6.864%
24	13.069	1864	1867	1870	rVB	16503	17836	1.36%	0.165%
25	13.580	1951	1954	1960	rBV2	48190	50214	3.83%	0.464%
26	13.792	1988	1990	1993	rVB2	25005	18941	1.45%	0.175%
27	13.939	2011	2015	2019	rBV	667673	698388	53.31%	6.449%
28	13.968	2019	2020	2023	rVB	56205	35620	2.72%	0.329%
29	15.410	2261	2265	2278	rVB	402303	585808	44.72%	5.409%

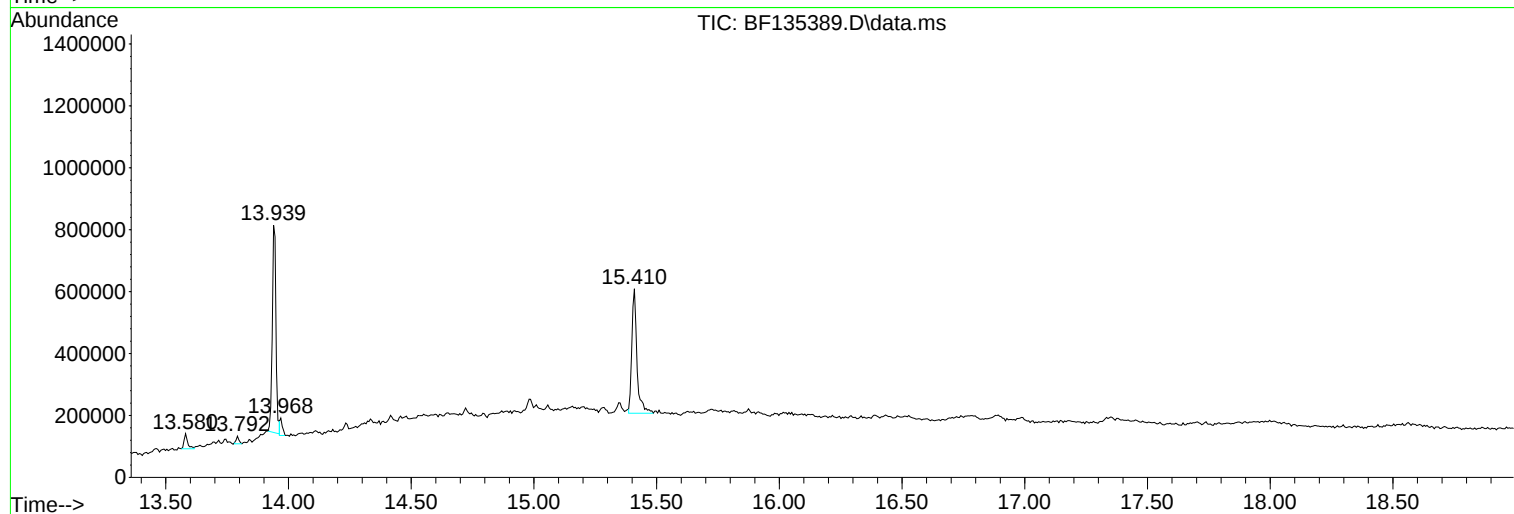
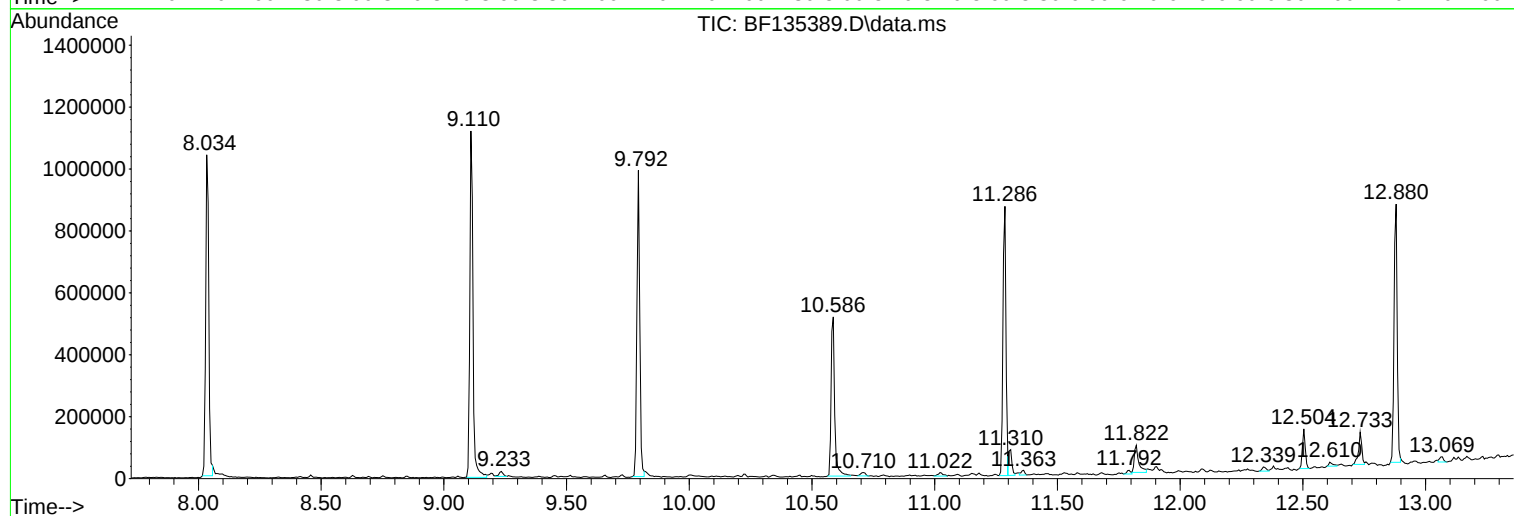
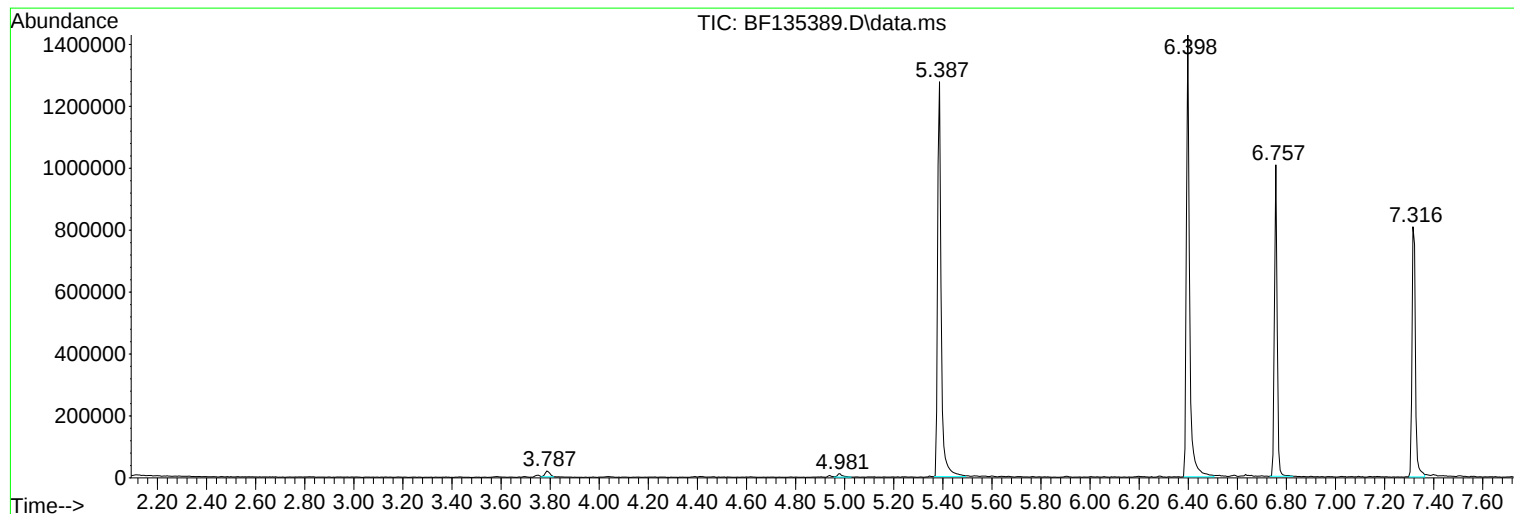
Sum of corrected areas: 10829620

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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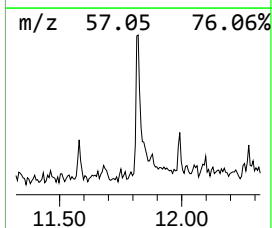
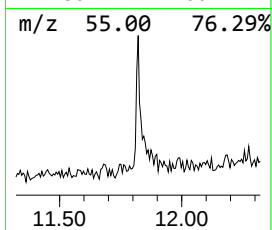
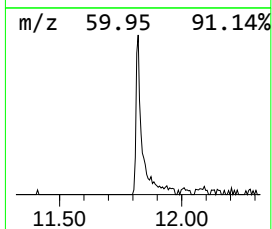
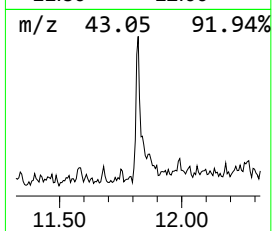
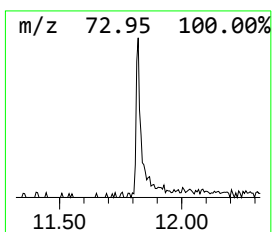
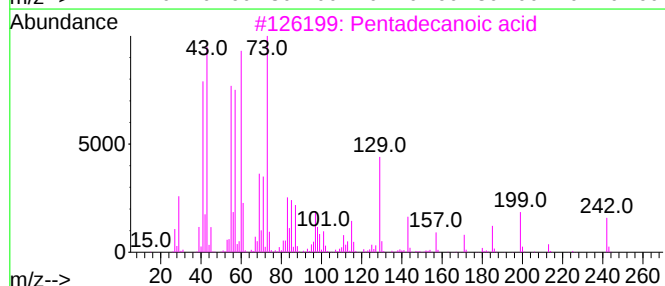
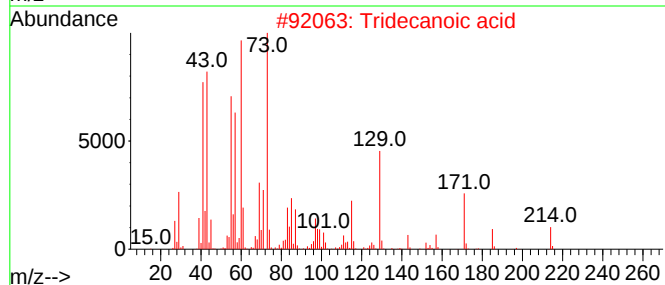
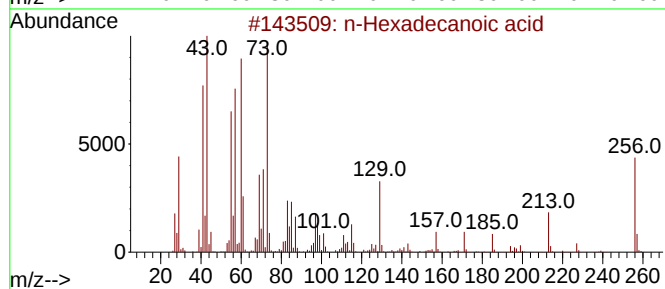
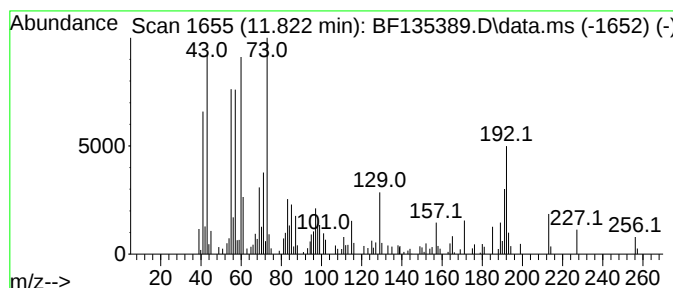
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.822	2.94 ng	111141	Phenanthrene-d10	11.286

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			Tridecanoic acid	214	C13H26O2	000638-53-9	91
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5			Nonanoic acid	158	C9H18O2	000112-05-0	45



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	11.822	2.9	ng	111141	4	11.286	755912	20.0