

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080423\
 Data File : BF134627.D
 Acq On : 04 Aug 2023 12:14
 Operator : CG\JU
 Sample : 03756-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RPTP-13-CS-13

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: BF134627.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.152	6	11	23	rVB2	47737	72913	1.81%	0.251%
2	5.028	497	500	507	rVB	50049	60500	1.50%	0.208%
3	5.422	562	567	570	rBV	3713682	3605758	89.44%	12.426%
4	6.428	732	738	741	rBV	3408139	3766672	93.43%	12.981%
5	6.622	768	771	777	rBV	91726	83189	2.06%	0.287%
6	6.798	797	801	804	rBV	1397249	1128356	27.99%	3.889%
7	7.357	891	896	899	rBV	2599651	2358134	58.49%	8.127%
8	8.075	1014	1018	1021	rBV	1841741	1455879	36.11%	5.017%
9	9.151	1197	1201	1204	rBV	4385918	4031622	100.00%	13.894%
10	9.269	1218	1221	1225	rVB	57932	51874	1.29%	0.179%
11	9.828	1312	1316	1320	rBV	1712532	1412015	35.02%	4.866%
12	10.616	1446	1450	1454	rBV	2207748	1983875	49.21%	6.837%
13	11.222	1550	1553	1558	rVB5	33438	46074	1.14%	0.159%
14	11.316	1565	1569	1571	rBV	1404130	1137104	28.20%	3.919%
15	11.339	1571	1573	1576	rVV	312959	239583	5.94%	0.826%
16	11.386	1578	1581	1584	rVB	75980	73994	1.84%	0.255%
17	11.857	1657	1661	1665	rBV2	300791	317221	7.87%	1.093%
18	11.927	1670	1673	1675	rVV	58988	60135	1.49%	0.207%
19	11.951	1675	1677	1682	rVB	45751	50507	1.25%	0.174%
20	12.139	1707	1709	1715	rVB2	39619	47807	1.19%	0.165%
21	12.374	1746	1749	1751	rBV	47368	48571	1.20%	0.167%
22	12.451	1760	1762	1766	rBV2	49269	48243	1.20%	0.166%
23	12.533	1772	1776	1779	rBV	491562	422550	10.48%	1.456%
24	12.645	1792	1795	1800	rBV4	44257	55263	1.37%	0.190%
25	12.763	1809	1815	1818	rBV	379753	411884	10.22%	1.419%
26	12.916	1836	1841	1844	rBV	3435374	3207705	79.56%	11.054%
27	13.192	1886	1888	1892	rBV2	50040	53217	1.32%	0.183%
28	13.821	1992	1995	2003	rVB	322945	391150	9.70%	1.348%
29	13.963	2014	2019	2022	rBV	1328729	1322734	32.81%	4.558%
30	13.986	2022	2023	2026	rVB	121185	80670	2.00%	0.278%
31	14.145	2048	2050	2053	rVB	64112	60303	1.50%	0.208%
32	14.457	2100	2103	2107	rBV4	63871	95175	2.36%	0.328%
33	15.433	2265	2269	2273	rBV	756498	837069	20.76%	2.885%

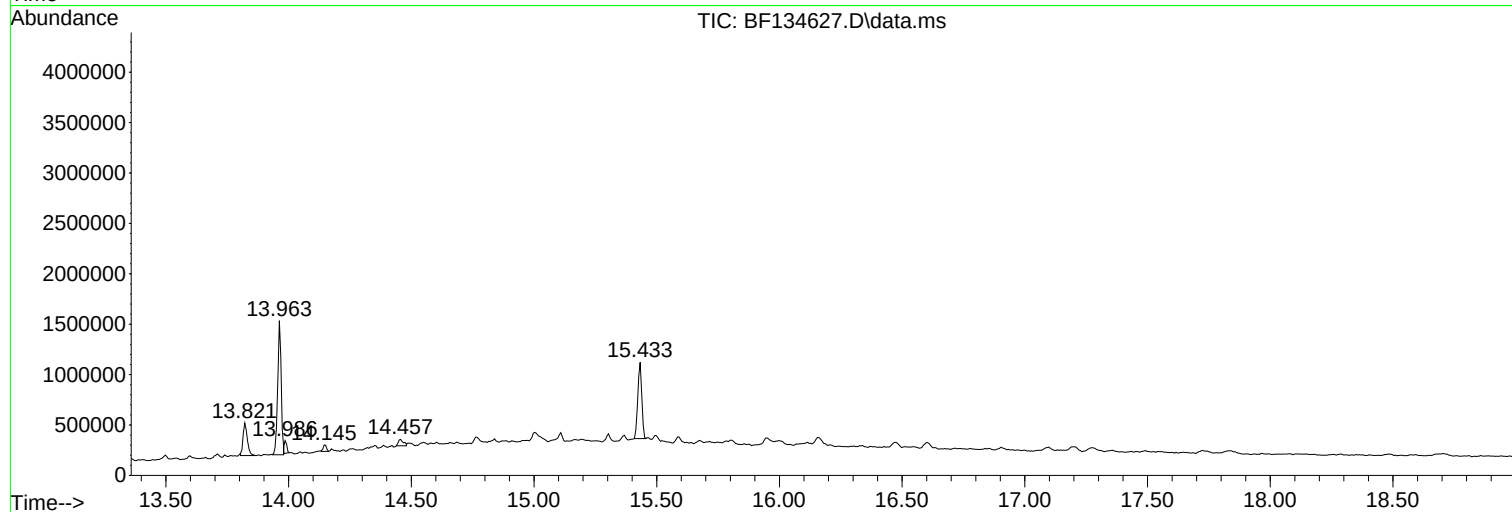
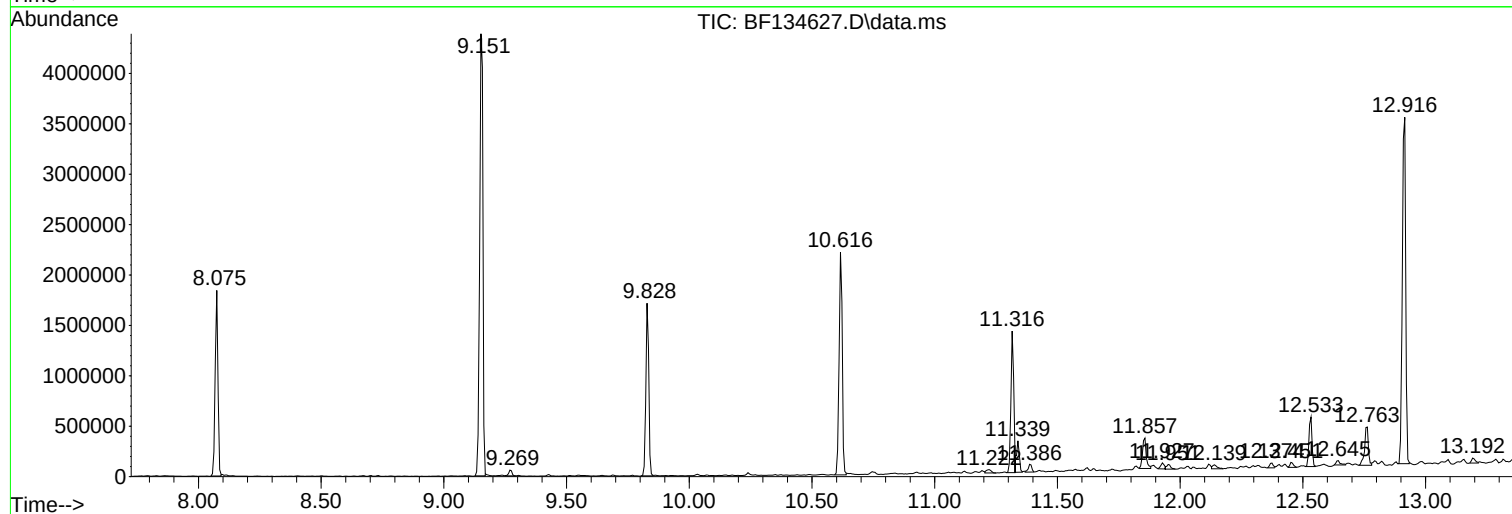
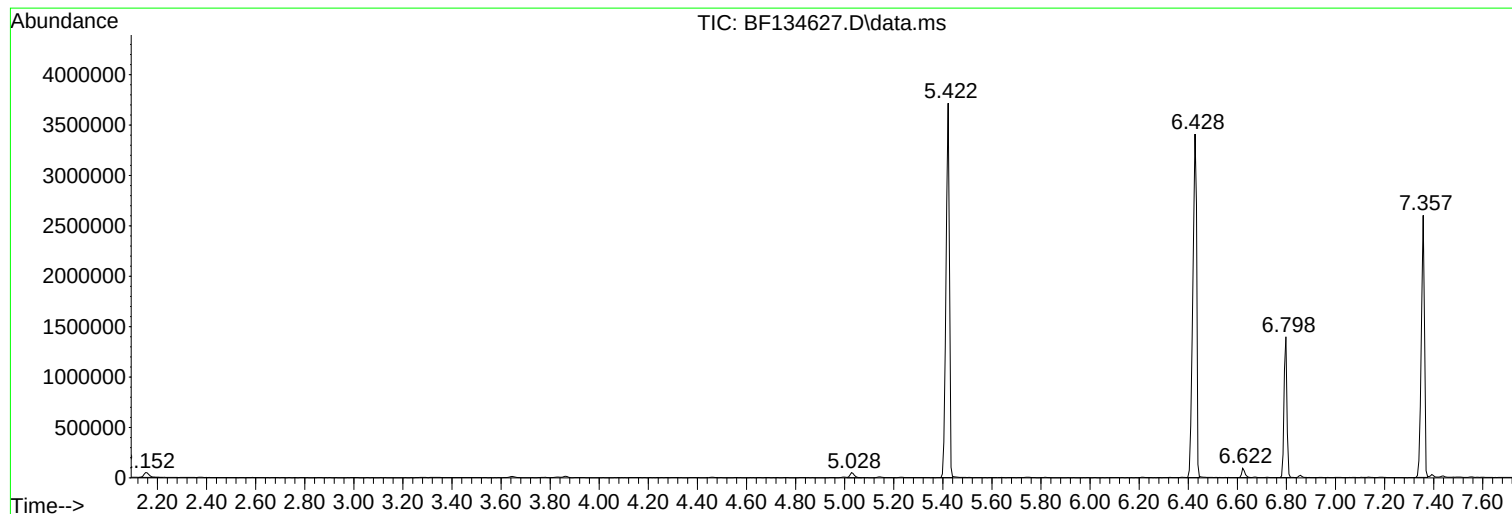
Sum of corrected areas: 29017746

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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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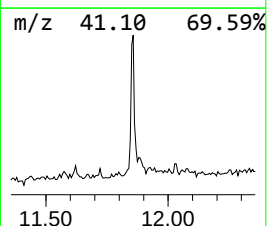
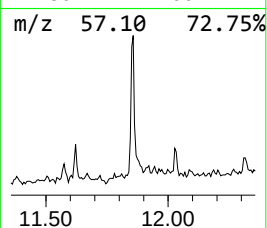
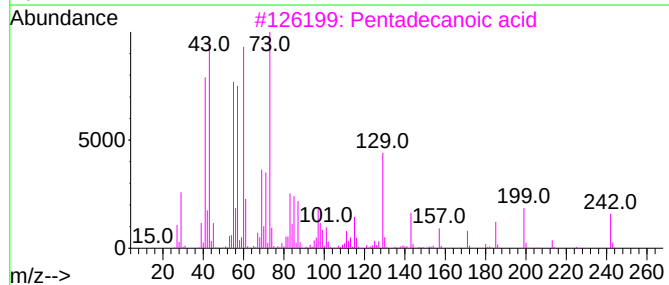
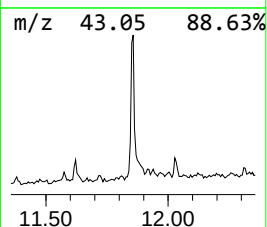
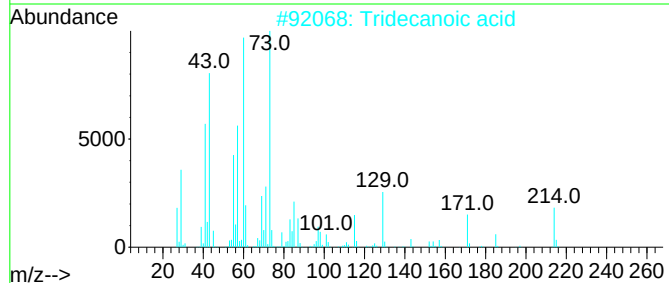
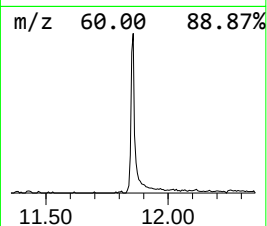
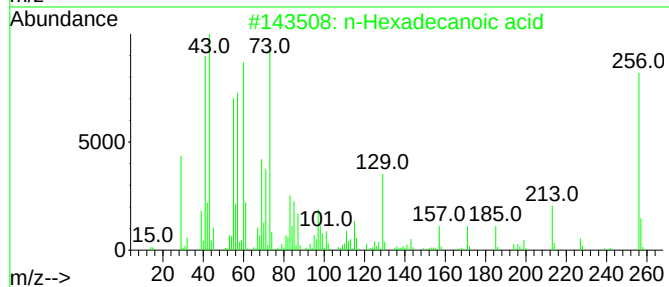
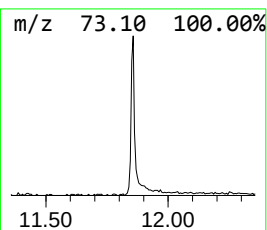
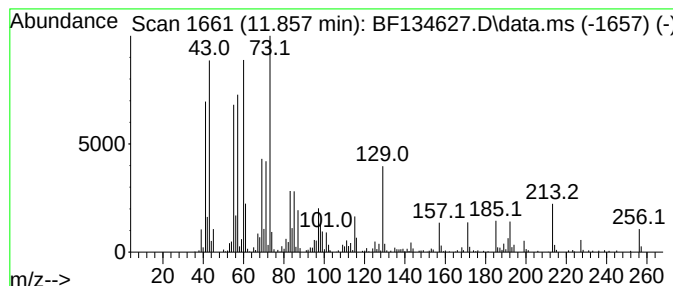
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	5.58 ng	317221	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	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4			n-Decanoic acid	172	C10H20O2	000334-48-5	76
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	62



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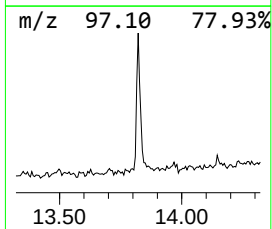
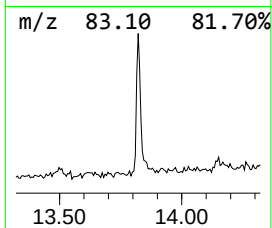
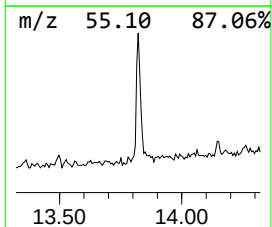
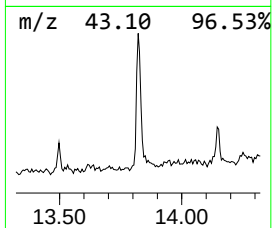
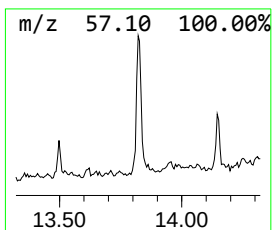
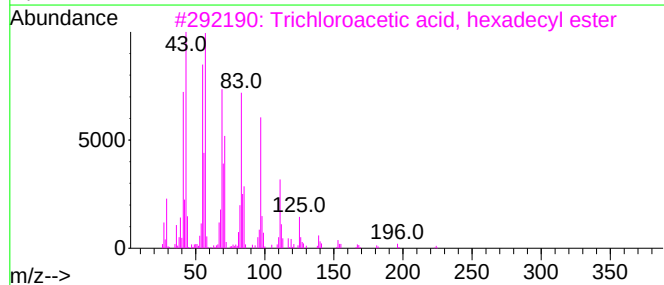
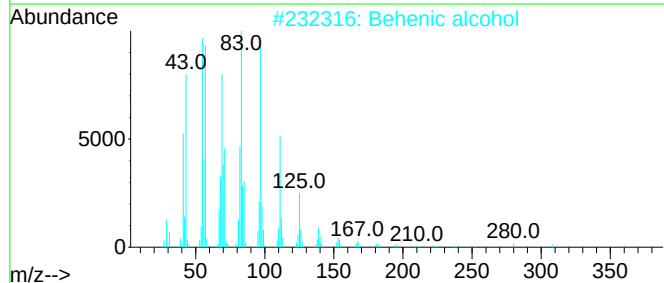
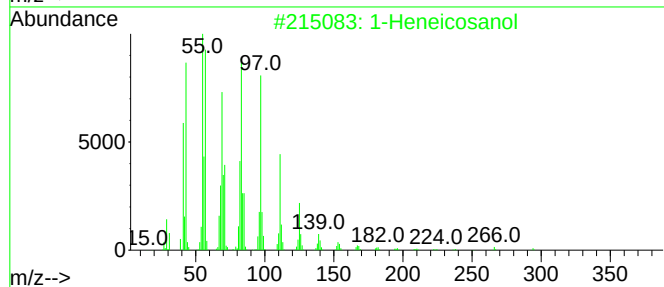
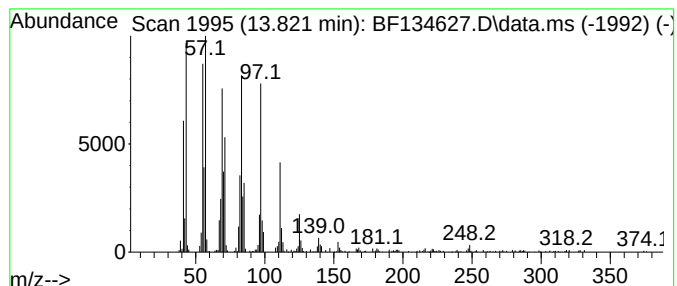
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Peak Number 2 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.821	5.91 ng	391150	Chrysene-d12	13.963

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heneicosanol	312	C21H44O	015594-90-8	95
2		Behenic alcohol	326	C22H46O	000661-19-8	94
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	11.857	5.6	ng	317221	4	11.316	1137100	20.0
1-Heneicosanol	13.821	5.9	ng	391150	5	13.963	1322730	20.0