

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
 Data File : BP015683.D
 Acq On : 23 Jun 2023 21:42
 Operator : MA/JU
 Sample : 03084-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFN3

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % 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_P\Methods\SFAM-EPA-BP060723.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BP015683.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.399	32	36	42	rVB	17563	25315	1.29%	0.113%
2	3.846	109	112	119	rVB3	8059	11409	0.58%	0.051%
3	3.893	119	120	123	rBV2	9027	8679	0.44%	0.039%
4	3.952	126	130	134	rVB	36141	51651	2.62%	0.230%
5	4.028	141	143	146	rVV2	4197	3163	0.16%	0.014%
6	4.070	146	150	158	rVB2	19131	31554	1.60%	0.141%
7	4.170	163	167	174	rVB3	12729	21770	1.11%	0.097%
8	4.411	206	208	212	rVB5	5109	5582	0.28%	0.025%
9	4.481	218	220	223	rBV4	2595	3168	0.16%	0.014%
10	4.564	232	234	239	rVB6	4566	4499	0.23%	0.020%
11	4.752	261	266	271	rVB9	6096	10016	0.51%	0.045%
12	4.928	292	296	299	rBV6	3371	5344	0.27%	0.024%
13	5.122	325	329	332	rBV3	6250	7891	0.40%	0.035%
14	5.193	339	341	343	rBV3	2112	2481	0.13%	0.011%
15	5.246	346	350	355	rVB6	4659	7874	0.40%	0.035%
16	6.046	481	486	489	rVB7	3845	6226	0.32%	0.028%
17	6.305	528	530	531	rBV2	4282	3068	0.16%	0.014%
18	7.040	651	655	656	rBV4	1821	2640	0.13%	0.012%
19	7.140	668	672	673	rBV4	2430	2694	0.14%	0.012%
20	7.246	683	690	705	rBV	187713	427527	21.71%	1.904%
21	7.405	711	717	732	rVB	184443	334251	16.98%	1.489%
22	7.611	745	752	761	rBV	253658	449529	22.83%	2.002%
23	7.893	797	800	802	rBV3	2527	2476	0.13%	0.011%
24	8.028	819	823	825	rBV4	2657	2908	0.15%	0.013%
25	8.075	825	831	846	rVV	616524	1096092	55.67%	4.882%
26	8.463	893	897	899	rVB5	2313	2789	0.14%	0.012%
27	8.810	949	956	969	rBV2	117999	257916	13.10%	1.149%
28	8.928	970	976	985	rVB	50759	93763	4.76%	0.418%
29	9.263	1023	1033	1049	rBV	220871	457978	23.26%	2.040%
30	9.405	1054	1057	1058	rVV3	3157	3814	0.19%	0.017%
31	9.422	1058	1060	1063	rVB4	3646	4350	0.22%	0.019%
32	9.628	1090	1095	1100	rVB8	5663	7609	0.39%	0.034%
33	9.728	1109	1112	1116	rVB6	2484	3368	0.17%	0.015%
34	9.993	1149	1157	1173	rBV	189016	392535	19.94%	1.748%
35	10.246	1194	1200	1201	rBV6	3792	4930	0.25%	0.022%
36	10.369	1215	1221	1228	rBV9	5640	13056	0.66%	0.058%

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37	10.552	1244	1252	1271	rBV	161896	491792	24.98%	2.190%
38	10.904	1302	1312	1327	rBV	794024	1458714	74.08%	6.497%
39	11.081	1332	1342	1356	rBV2	65302	207802	10.55%	0.926%
40	11.499	1408	1413	1416	rBV6	2598	4696	0.24%	0.021%
41	11.734	1449	1453	1454	rBV3	2011	2293	0.12%	0.010%
42	11.775	1454	1460	1461	rBV6	2740	3436	0.17%	0.015%
43	11.922	1479	1485	1487	rVB7	2385	3611	0.18%	0.016%
44	12.128	1517	1520	1522	rVB4	2302	2962	0.15%	0.013%
45	12.310	1547	1551	1554	rVB6	2869	3521	0.18%	0.016%
46	12.510	1580	1585	1591	rVV7	4404	7615	0.39%	0.034%
47	12.569	1591	1595	1596	rVV4	2943	2883	0.15%	0.013%
48	12.587	1596	1598	1603	rVB6	2495	3204	0.16%	0.014%
49	12.781	1628	1631	1633	rBV4	2488	3448	0.18%	0.015%
50	12.798	1633	1634	1640	rVB6	4179	4471	0.23%	0.020%
51	13.063	1672	1679	1680	rBV6	2182	3281	0.17%	0.015%
52	13.204	1700	1703	1706	rBV5	2349	3297	0.17%	0.015%
53	13.246	1706	1710	1714	rVV7	3659	5444	0.28%	0.024%
54	13.334	1719	1725	1728	rBV8	3558	6006	0.31%	0.027%
55	13.528	1755	1758	1762	rVV5	6027	9053	0.46%	0.040%
56	13.581	1764	1767	1768	rVV3	3475	4037	0.21%	0.018%
57	13.610	1768	1772	1776	rVV5	9069	14383	0.73%	0.064%
58	13.710	1780	1789	1794	rBV5	5136	11084	0.56%	0.049%
59	13.781	1799	1801	1804	rVB3	2385	2626	0.13%	0.012%
60	13.822	1804	1808	1811	rVB6	1968	2735	0.14%	0.012%
61	13.893	1816	1820	1822	rBV5	1876	2678	0.14%	0.012%
62	13.963	1828	1832	1836	rVB7	2847	3988	0.20%	0.018%
63	14.045	1839	1846	1851	rVB7	7088	14706	0.75%	0.066%
64	14.134	1851	1861	1877	rBV	485185	776154	39.42%	3.457%
65	14.234	1877	1878	1885	rVV7	4979	6321	0.32%	0.028%
66	14.422	1903	1910	1924	rBV2	535815	877357	44.56%	3.908%
67	14.598	1938	1940	1943	rBV3	4540	4369	0.22%	0.019%
68	14.728	1953	1962	1980	rBV	1057271	1650031	83.80%	7.349%
69	14.998	2002	2008	2023	rBV3	33251	146084	7.42%	0.651%
70	15.145	2029	2033	2034	rBV4	5148	6942	0.35%	0.031%
71	15.345	2065	2067	2071	rVB5	2654	3092	0.16%	0.014%
72	15.475	2086	2089	2091	rBV4	2215	2788	0.14%	0.012%
73	15.498	2091	2093	2097	rVV5	5246	7074	0.36%	0.032%
74	15.557	2099	2103	2109	rVB8	9391	16334	0.83%	0.073%
75	15.616	2109	2113	2115	rBV5	2495	3446	0.18%	0.015%
76	15.728	2125	2132	2147	rBV	602289	1001221	50.85%	4.459%

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77	15.881	2152	2158	2169	rBV2	77002	172683	8.77%	0.769%
78	16.092	2189	2194	2206	rBV	64862	108087	5.49%	0.481%
79	16.216	2213	2215	2218	rBV4	2938	3509	0.18%	0.016%
80	16.416	2245	2249	2250	rBV3	9917	11081	0.56%	0.049%
81	16.587	2274	2278	2280	rBV5	7974	10576	0.54%	0.047%
82	17.022	2349	2352	2357	rVB5	6390	9245	0.47%	0.041%
83	17.216	2381	2385	2389	rBV6	10250	17680	0.90%	0.079%
84	17.369	2407	2411	2419	rBV9	12511	29128	1.48%	0.130%
85	17.434	2419	2422	2425	rBV5	8792	13373	0.68%	0.060%
86	17.492	2425	2432	2444	rVV	1015899	1625979	82.58%	7.242%
87	17.592	2444	2449	2462	rVB	503169	809225	41.10%	3.604%
88	18.128	2538	2540	2544	rVB5	10764	11771	0.60%	0.052%
89	18.245	2556	2560	2563	rBV6	7205	11122	0.56%	0.050%
90	18.292	2564	2568	2572	rBV4	23970	34527	1.75%	0.154%
91	18.345	2572	2577	2586	rBV2	250828	389759	19.79%	1.736%
92	18.622	2621	2624	2628	rBV4	12763	22536	1.14%	0.100%
93	19.575	2782	2786	2794	rBV2	85851	137054	6.96%	0.610%
94	19.816	2823	2827	2837	rVB	730699	1070402	54.36%	4.768%
95	21.251	3067	3071	3076	rBV2	242999	361647	18.37%	1.611%
96	21.580	3122	3127	3133	rBV	1212799	1747851	88.77%	7.785%
97	23.292	3414	3418	3423	rVB	445728	692647	35.18%	3.085%
98	23.968	3528	3533	3542	rVB	635126	1336380	67.87%	5.952%
99	24.139	3556	3562	3575	rVB	901886	1969047	100.00%	8.770%
100	24.745	3659	3665	3673	rVB	611813	1301268	66.09%	5.796%

Sum of corrected areas: 22451471

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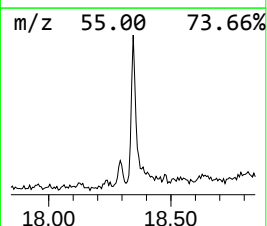
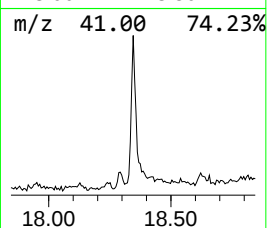
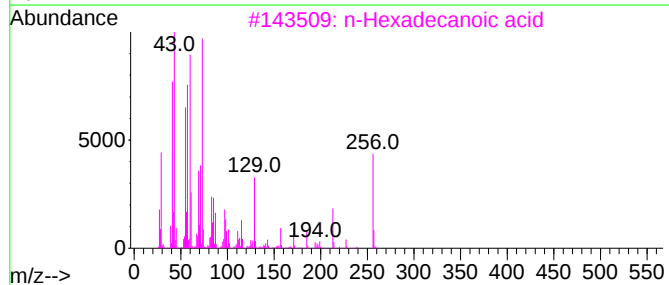
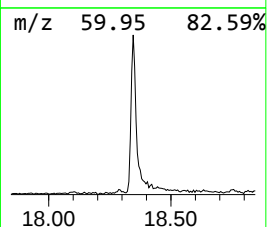
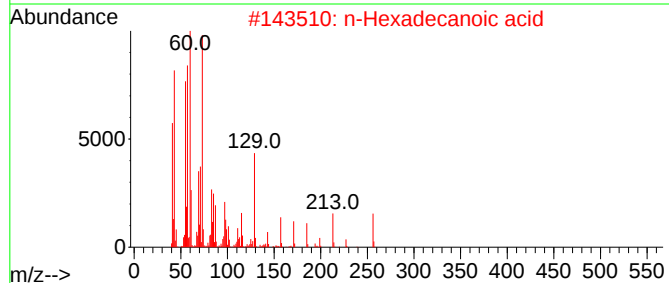
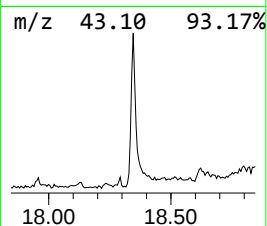
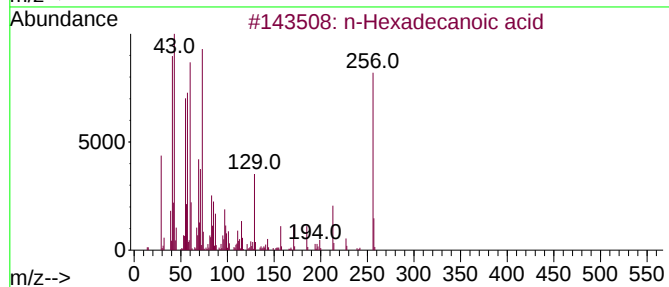
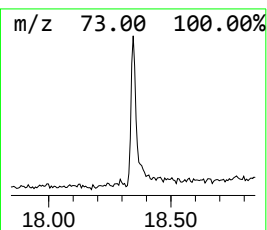
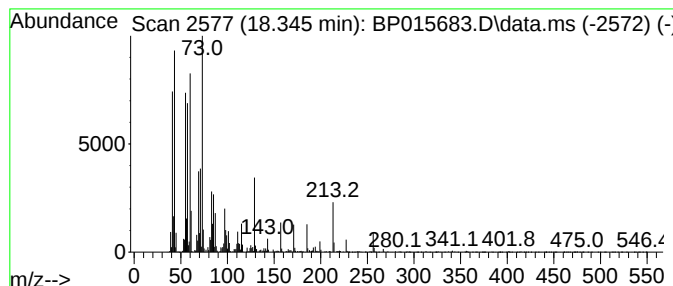
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.345	4.79 ng/ul	389759	Phenanthrene-d10	17.492

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	90



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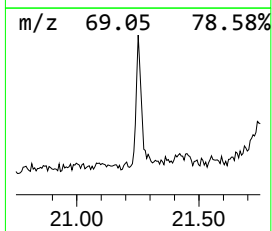
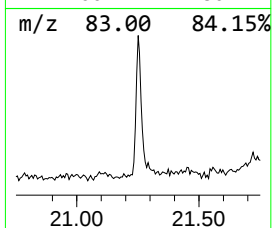
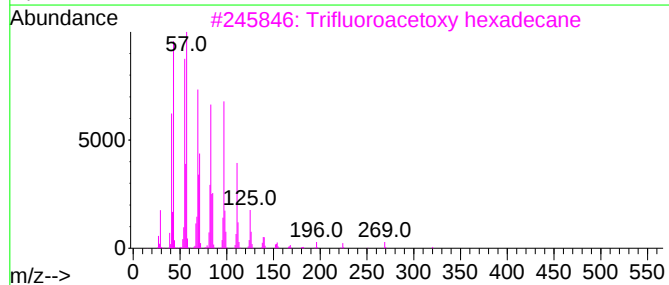
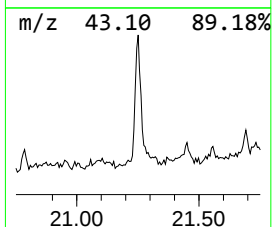
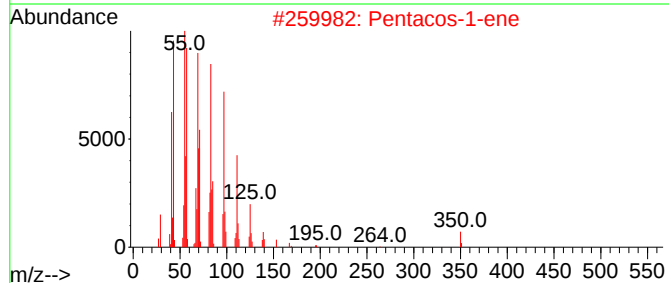
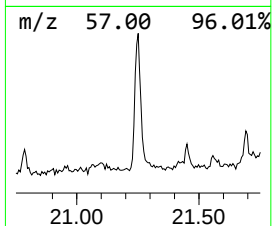
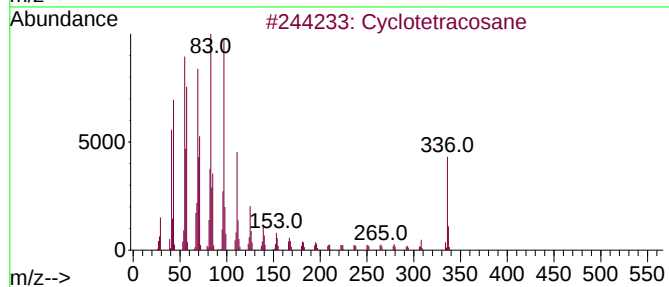
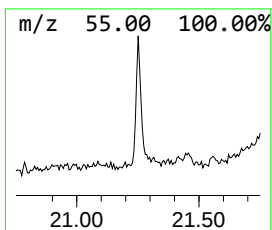
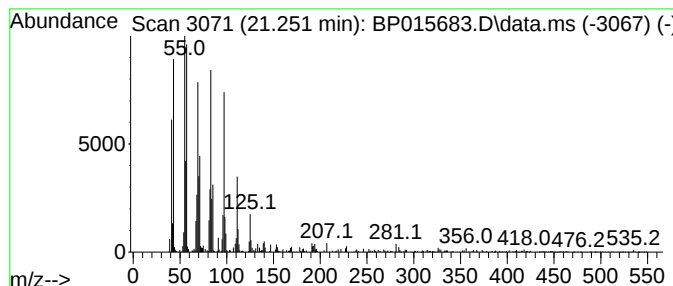
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic21.251 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.251	4.14 ng/ul	361647	Chrysene-d12	21.580

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetracosane	336	C24H48	000297-03-0	98
2			Pentacos-1-ene	350	C25H50	016980-85-1	94
3			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4			1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5			Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94



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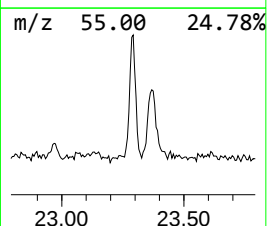
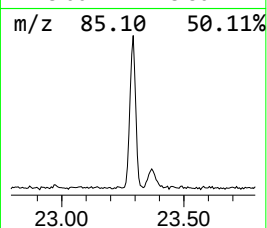
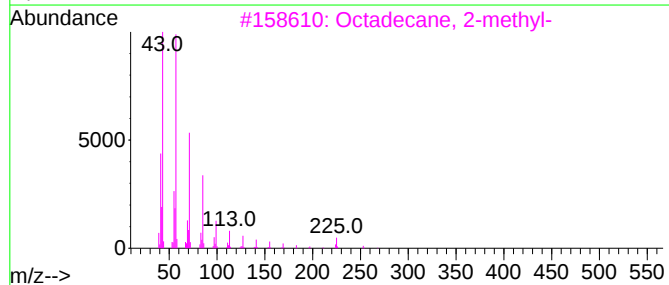
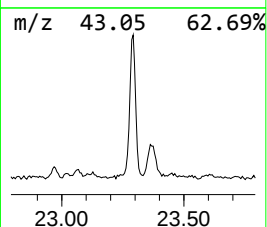
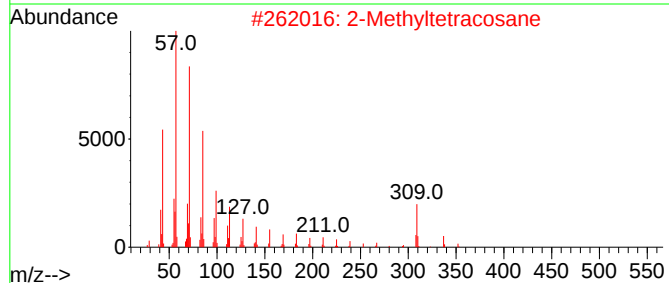
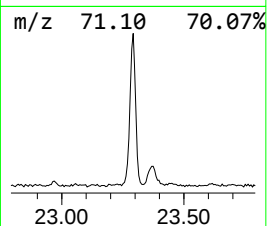
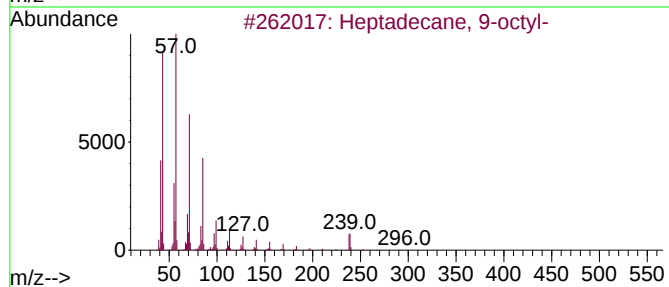
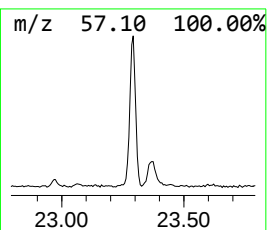
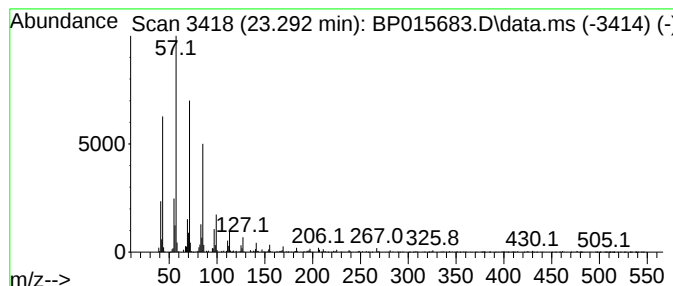
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.292	7.04 ng/ul	692647	Perylene-d12	24.139

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2		2-Methyltetracosane	352	C25H52	001560-78-7	93
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
4		Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
5		Tetratetracontane	619	C44H90	007098-22-8	90



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ALS Vial : 17 Sample Multiplier: 1

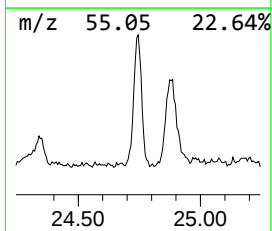
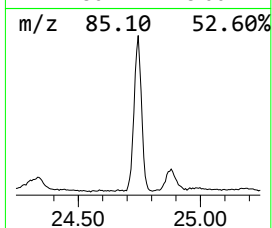
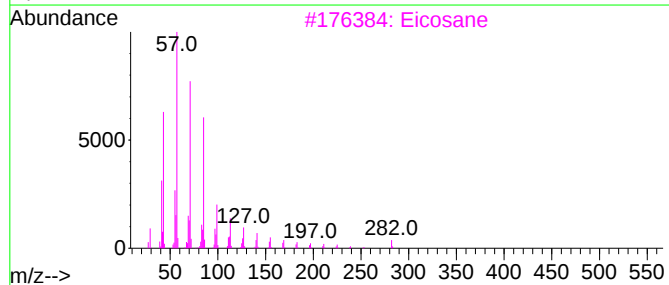
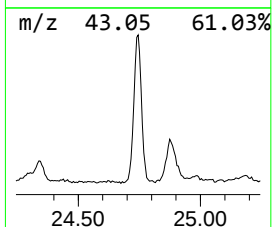
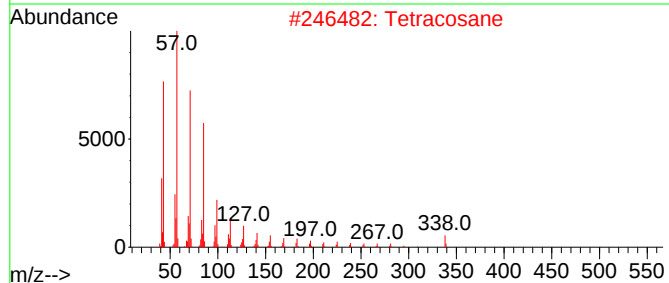
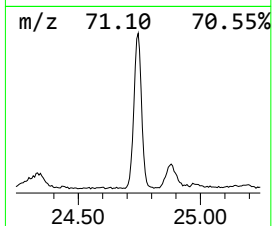
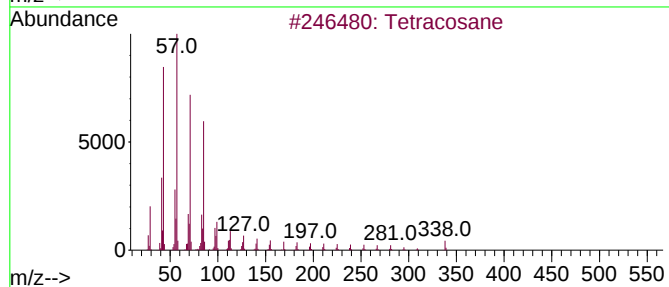
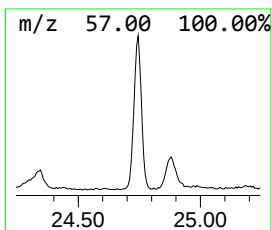
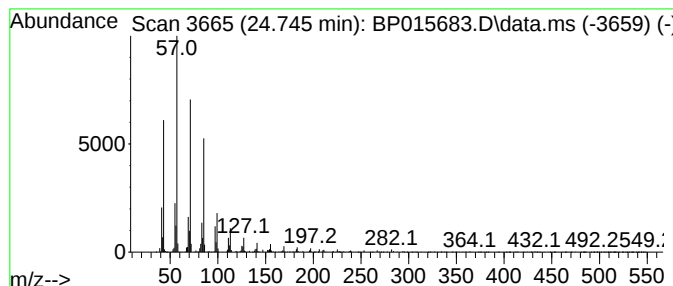
Instrument :
BNA_P
ClientSampleId :
DCFN3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
24.745	13.22 ng/ul	1301270	Perylene-d12	24.139	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Tetracosane	338	C24H50	000646-31-1	96
3	Eicosane	282	C20H42	000112-95-8	95
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
5	Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015683.D
Acq On : 23 Jun 2023 21:42
Operator : MA/JU
Sample : 03084-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFN3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA 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 ...	18.345	4.8	ng/u1	389759	4	17.492	1625980	20.0
(DEL) Alkane: C...	21.251	4.1	ng/u1	361647	5	21.580	1747850	20.0
(DEL) Alkane: S...	23.292	7.0	ng/u1	692647	6	24.139	1969050	20.0
(DEL) Alkane: S...	24.745	13.2	ng/u1	1301270	6	24.139	1969050	20.0