

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041521\
 Data File : BN014298.D
 Acq On : 15 Apr 2021 23:59
 Operator : CG/JU
 Sample : M2031-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BG531

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.223	20	23	30	rVB	36849	46705	1.08%	0.132%
2	3.858	127	131	136	rVB	14066	20499	0.48%	0.058%
3	3.946	142	146	159	rVB	30115	45877	1.06%	0.130%
4	4.158	178	182	191	rVB	22407	32919	0.76%	0.093%
5	4.558	247	250	257	rBV	15296	22881	0.53%	0.065%
6	5.734	447	450	455	rVB2	3134	4371	0.10%	0.012%
7	6.864	637	642	653	rVB	173772	267867	6.21%	0.758%
8	7.034	665	671	684	rBV	452157	708169	16.41%	2.003%
9	7.228	698	704	716	rVV	525275	835686	19.37%	2.364%
10	7.334	718	722	728	rVB4	3096	7163	0.17%	0.020%
11	7.693	777	783	791	rBV	499603	798588	18.51%	2.259%
12	8.393	895	902	915	rBV	431169	651501	15.10%	1.843%
13	8.846	971	979	988	rBV	494356	798638	18.51%	2.259%
14	9.293	1045	1055	1060	rVB5	3877	10672	0.25%	0.030%
15	9.563	1093	1101	1108	rBV	370326	597146	13.84%	1.689%
16	10.093	1184	1191	1202	rBV	666922	1067740	24.74%	3.021%
17	10.475	1249	1256	1263	rBV	669816	1102905	25.56%	3.120%
18	10.610	1274	1279	1287	rBV	15038	24718	0.57%	0.070%
19	11.781	1473	1478	1484	rVB2	5630	9173	0.21%	0.026%
20	12.063	1519	1526	1533	rVB2	8879	15722	0.36%	0.044%
21	12.693	1628	1633	1636	rBV3	4087	7054	0.16%	0.020%
22	12.940	1672	1675	1678	rBV4	4569	6172	0.14%	0.017%
23	13.240	1721	1726	1730	rBV3	5774	7417	0.17%	0.021%
24	13.746	1805	1812	1816	rBV	1184883	1651966	38.28%	4.674%
25	13.787	1816	1819	1825	rVB	146233	194272	4.50%	0.550%
26	14.022	1851	1859	1866	rBV	1417800	1999270	46.33%	5.656%
27	14.246	1893	1897	1902	rVB3	3143	4702	0.11%	0.013%
28	14.334	1905	1912	1919	rBV	1013042	1421840	32.95%	4.023%
29	14.522	1939	1944	1955	rVB	132749	194013	4.50%	0.549%
30	14.757	1978	1984	1987	rBV2	3635	4804	0.11%	0.014%
31	15.163	2047	2053	2057	rBV2	7203	9359	0.22%	0.026%
32	15.328	2074	2081	2091	rBV	1919698	2633693	61.03%	7.451%
33	15.440	2095	2100	2110	rBV	502289	643664	14.92%	1.821%
34	15.569	2118	2122	2130	rBV	18315	24838	0.58%	0.070%

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35	15.698	2141	2144	2150	rVB3	3286	4438	0.10%	0.013%
36	16.063	2203	2206	2212	rBV3	3331	5614	0.13%	0.016%
37	16.116	2212	2215	2219	rVB4	6520	8388	0.19%	0.024%
38	16.487	2273	2278	2282	rVB4	3017	5523	0.13%	0.016%
39	16.834	2332	2337	2339	rBV4	3484	5426	0.13%	0.015%
40	16.863	2339	2342	2346	rVB	5807	7783	0.18%	0.022%
41	17.075	2372	2378	2385	rBV	1150693	1661644	38.51%	4.701%
42	17.175	2385	2395	2405	rVV	2255762	3260710	75.56%	9.225%
43	17.322	2416	2420	2425	rVV3	11206	16654	0.39%	0.047%
44	17.381	2425	2430	2435	rVB3	6000	10729	0.25%	0.030%
45	17.463	2438	2444	2449	rBV2	19849	26091	0.60%	0.074%
46	17.987	2526	2533	2541	rBV	164706	241989	5.61%	0.685%
47	18.051	2541	2544	2551	rVB3	8030	15707	0.36%	0.044%
48	18.287	2581	2584	2589	rBV2	4987	7341	0.17%	0.021%
49	18.698	2650	2654	2662	rVB	35945	44495	1.03%	0.126%
50	18.798	2667	2671	2676	rBV5	2522	4769	0.11%	0.013%
51	19.016	2704	2708	2711	rBV3	9886	12856	0.30%	0.036%
52	19.110	2720	2724	2728	rBV	23048	36698	0.85%	0.104%
53	19.151	2728	2731	2735	rVB4	6571	8872	0.21%	0.025%
54	19.269	2747	2751	2762	rBV	102974	140451	3.25%	0.397%
55	19.363	2763	2767	2771	rVB	21175	26364	0.61%	0.075%
56	19.475	2780	2786	2796	rBV	3006609	3966859	91.93%	11.223%
57	19.575	2800	2803	2808	rVB4	10023	12470	0.29%	0.035%
58	19.710	2823	2826	2831	rBV	16716	18845	0.44%	0.053%
59	20.010	2874	2877	2879	rBV3	6106	6329	0.15%	0.018%
60	20.045	2880	2883	2886	rVB3	7622	8170	0.19%	0.023%
61	20.492	2957	2959	2961	rBV3	6748	6185	0.14%	0.017%
62	20.539	2965	2967	2971	rVB4	11592	11981	0.28%	0.034%
63	20.992	3040	3044	3052	rBV	177854	262975	6.09%	0.744%
64	21.269	3086	3091	3096	rBV	1606113	1943451	45.04%	5.498%
65	21.439	3117	3120	3123	rBV	28737	32207	0.75%	0.091%
66	21.875	3191	3194	3200	rVB3	42664	54161	1.26%	0.153%
67	22.333	3269	3272	3277	rBV	72957	86221	2.00%	0.244%
68	22.839	3354	3358	3369	rVB2	128615	207300	4.80%	0.586%
69	23.357	3439	3446	3452	rBV	2488486	4315151	100.00%	12.208%
70	23.410	3452	3455	3463	rVV	181978	293625	6.80%	0.831%
71	23.498	3463	3470	3480	rVB2	1141445	2133695	49.45%	6.036%

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72	24.057	3560	3565	3572	rVB	162692	292909	6.79%	0.829%
73	24.804	3687	3692	3699	rBV	129507	269522	6.25%	0.763%

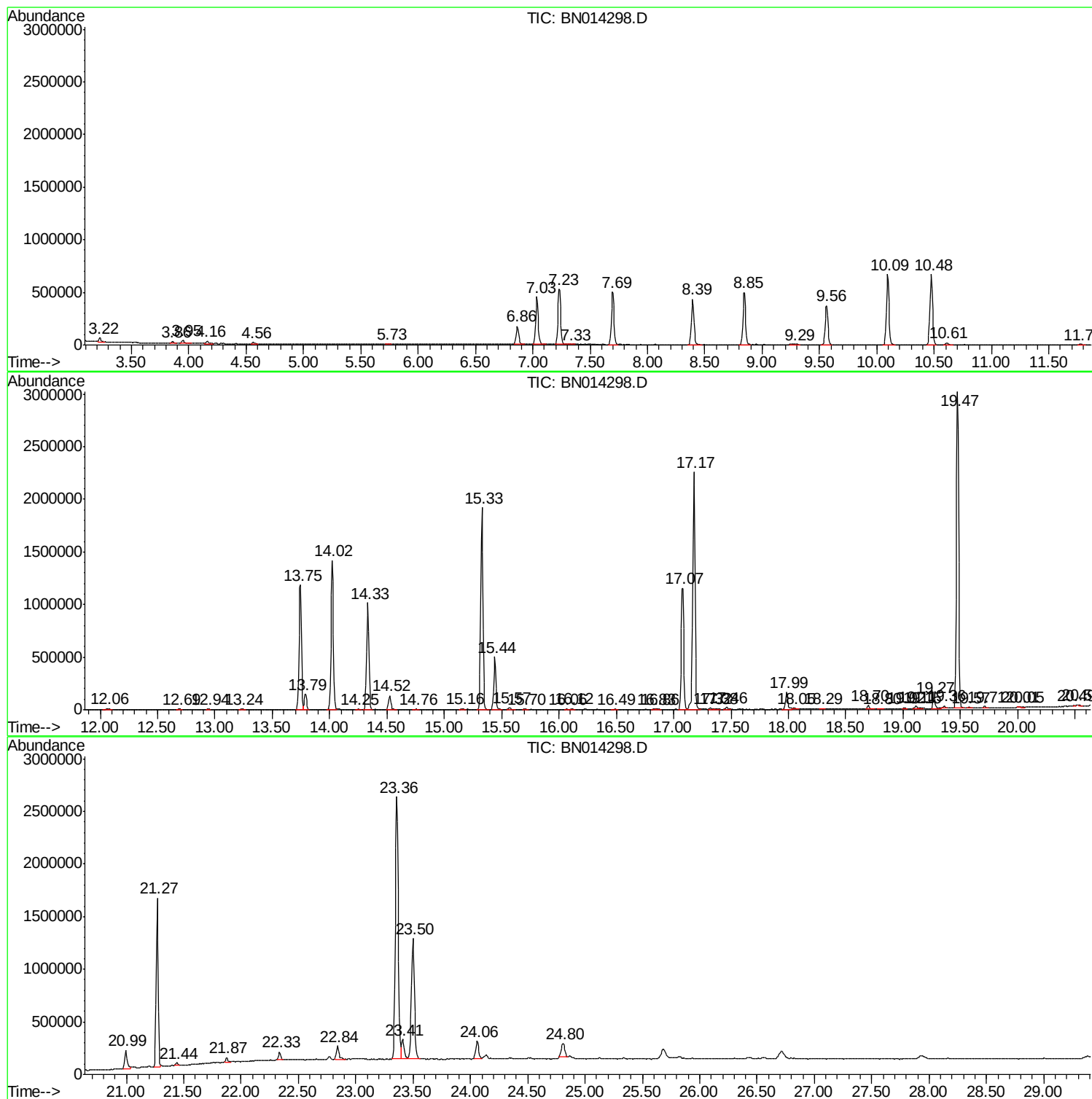
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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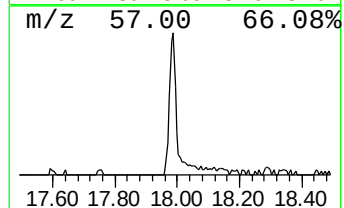
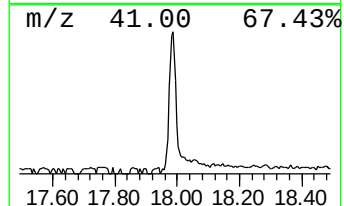
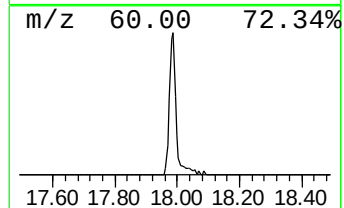
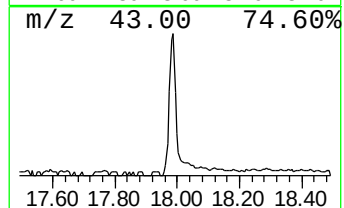
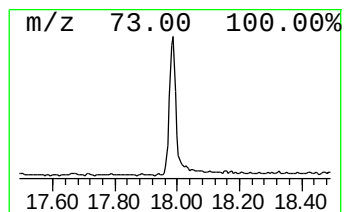
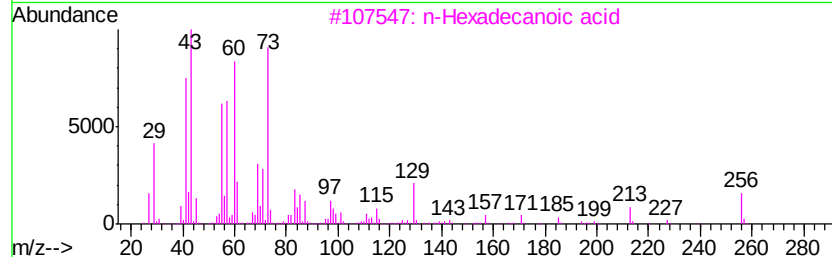
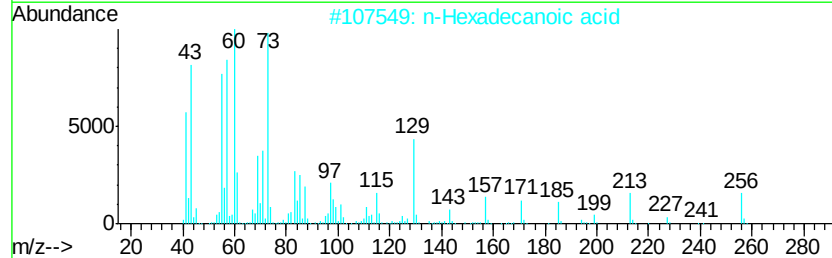
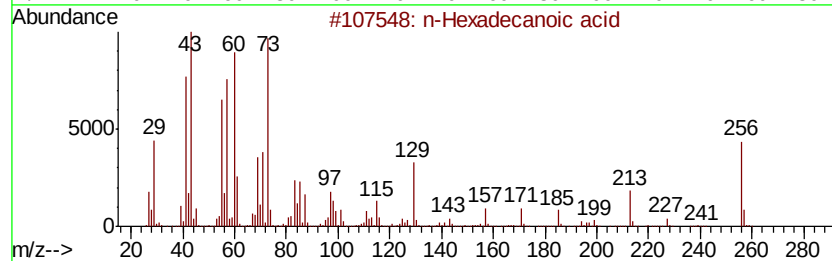
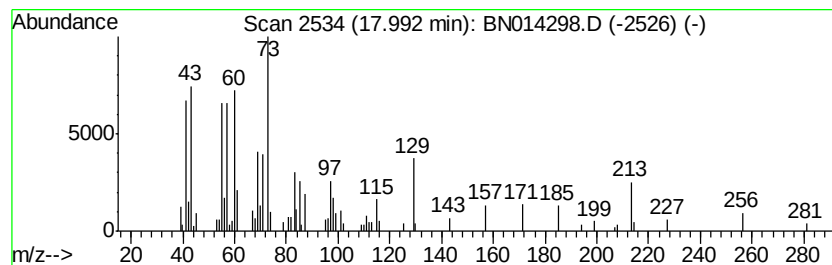
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.91 ng/ul	241989	Phenanthrene-d10	17.07

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	98
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4			Tridecanoic acid	214	C13H26O2	000638-53-9	81
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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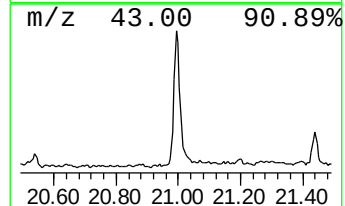
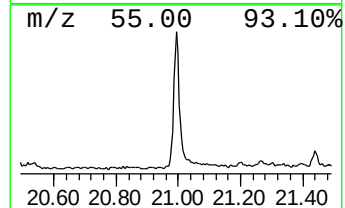
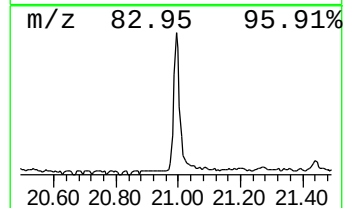
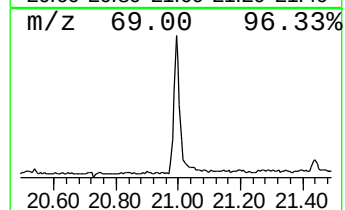
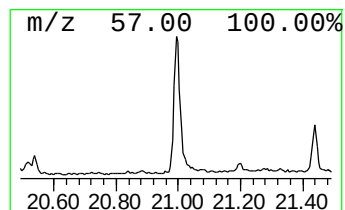
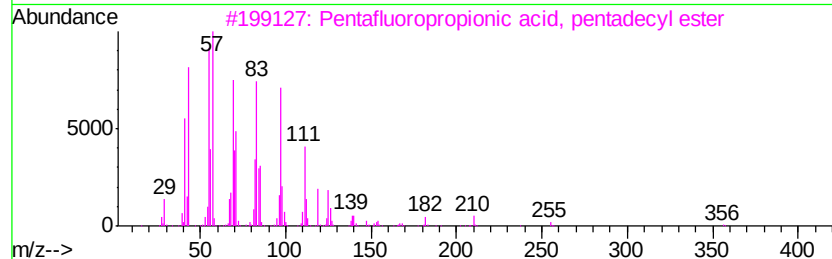
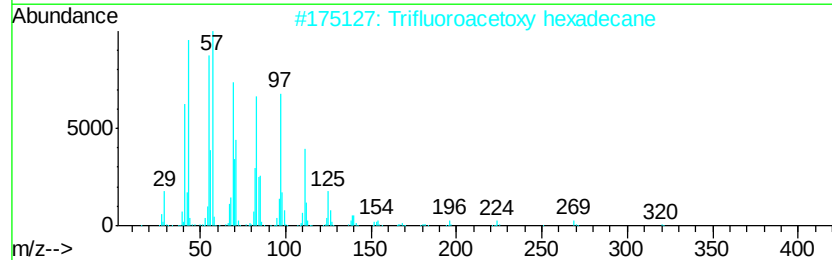
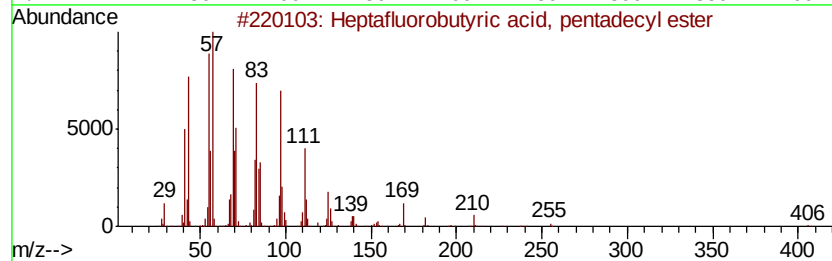
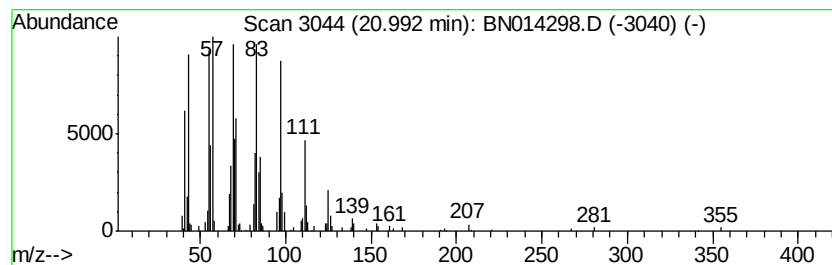
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Heptafluorobutyric acid, pe... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.71 ng/ul	262975	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93



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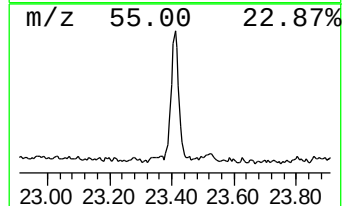
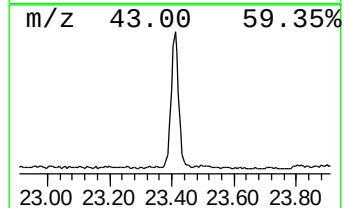
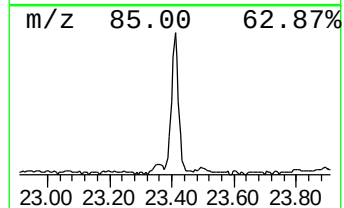
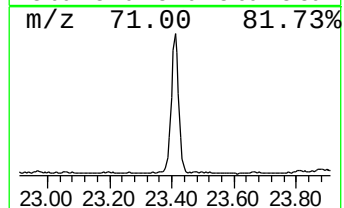
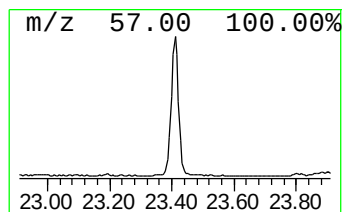
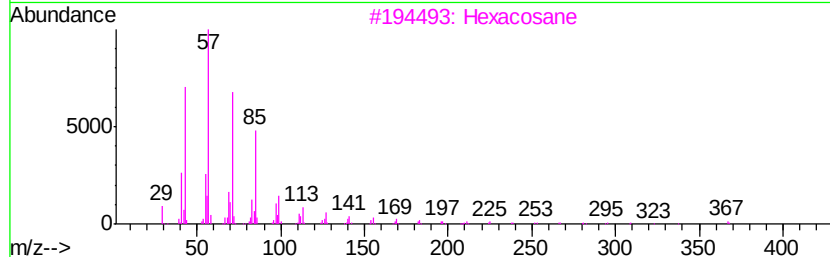
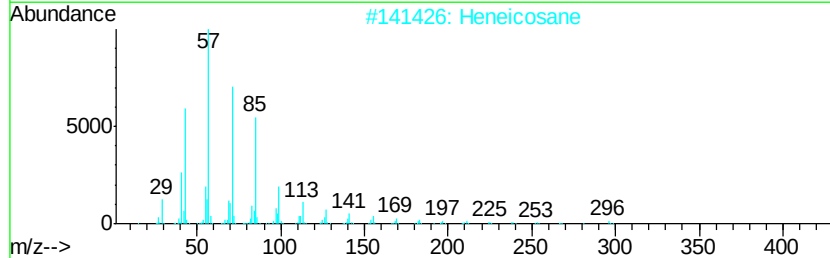
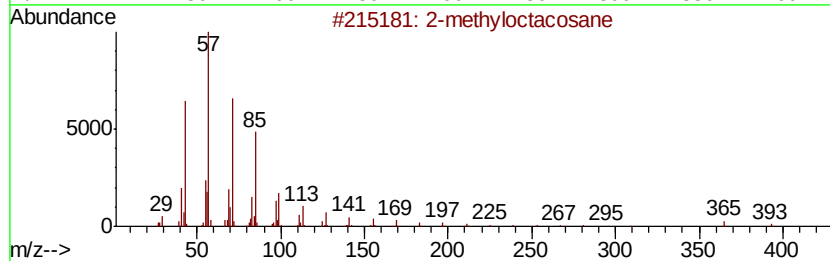
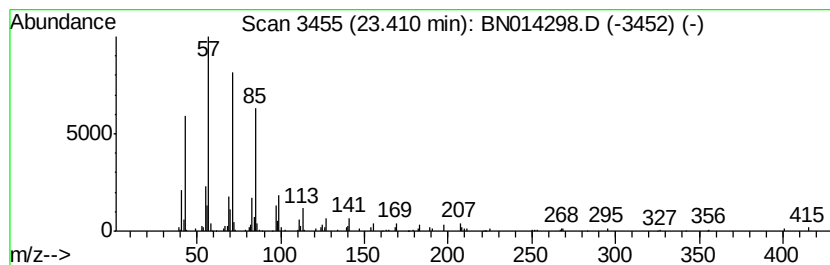
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.41	2.75 ng/ul	293625	Perylene-d12	23.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Tetracosane	338	C24H50	000646-31-1	90



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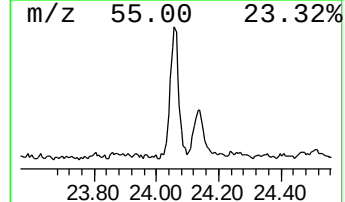
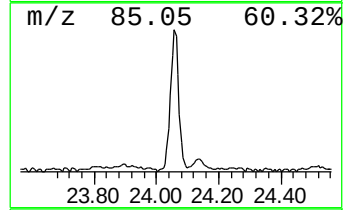
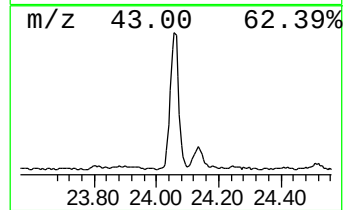
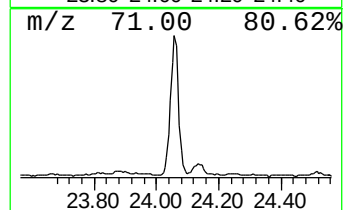
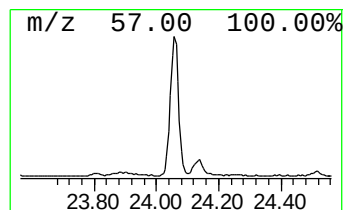
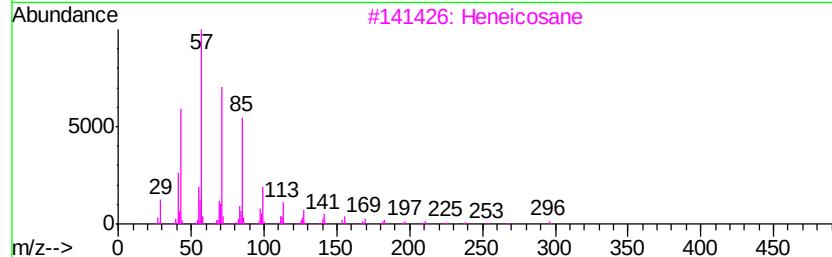
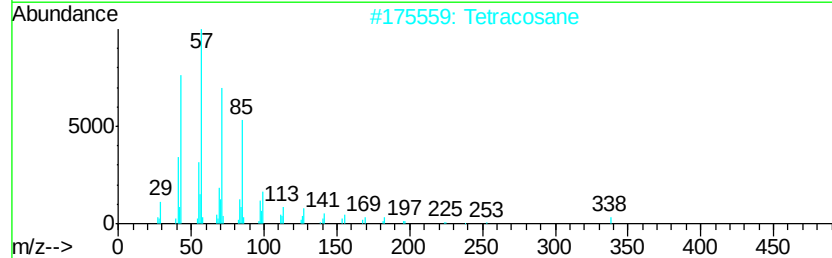
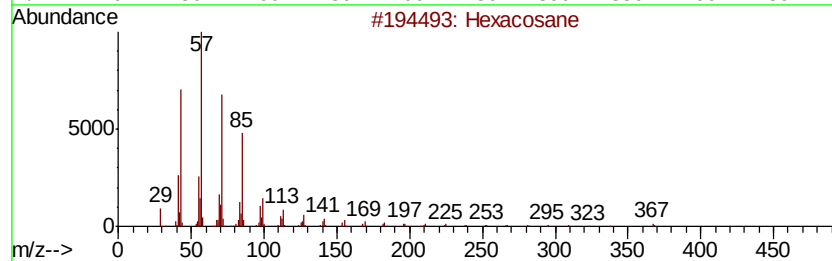
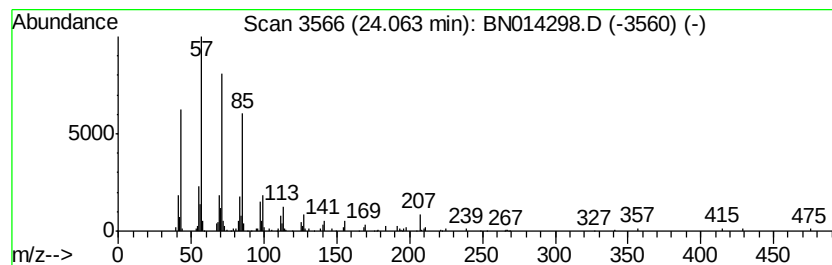
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TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	2.75 ng/ul	292909	Perylene-d12	23.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041521\
 Data File : BN014298.D
 Acq On : 15 Apr 2021 23:59
 Operator : CG/JU
 Sample : M2031-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BG531

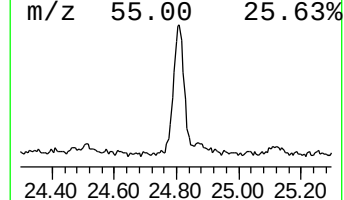
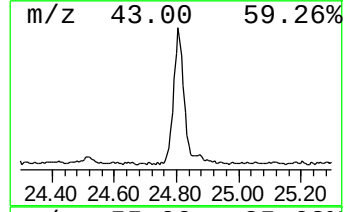
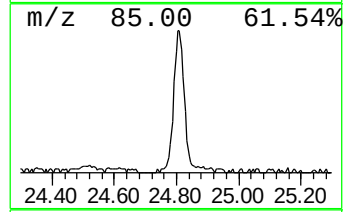
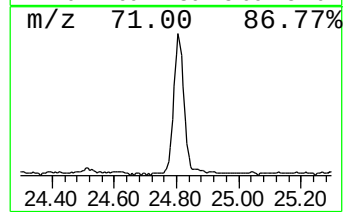
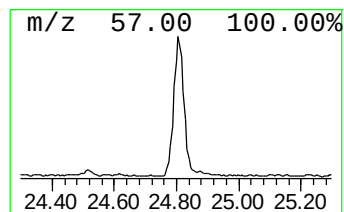
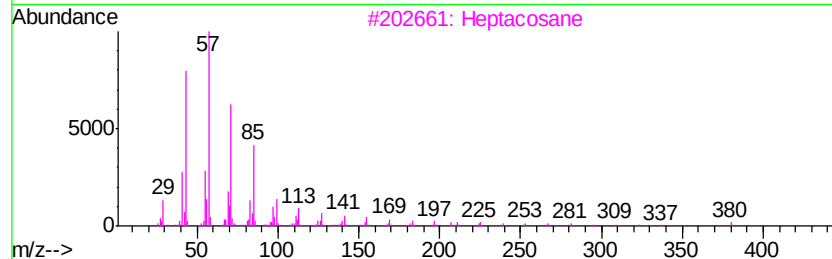
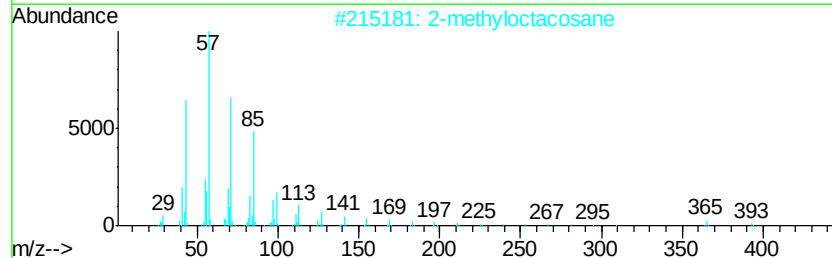
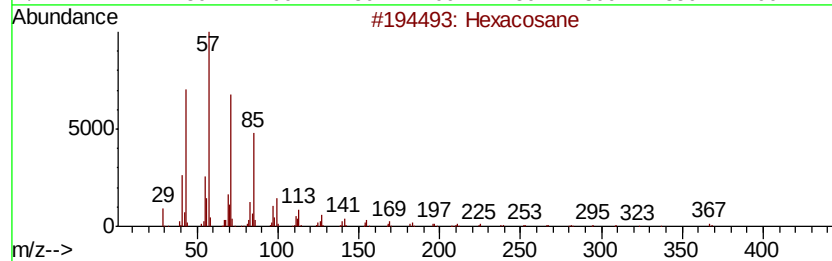
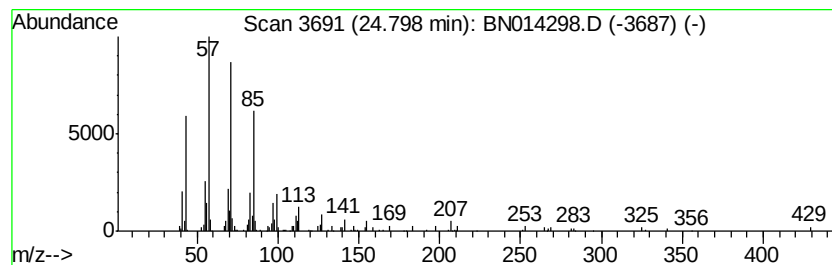
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 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.80	2.53 ng/ul	269522	Perylene-d12	23.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		2-methyloctacosane	408	C29H60	1000376-72-8	90
3		Heptacosane	380	C27H56	000593-49-7	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN041521\
Data File : BN014298.D
Acq On : 15 Apr 2021 23:59
Operator : CG/JU
Sample : M2031-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BG531

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.99	2.9	ng/ul	241989	4	17.07	1661640	20.0
Heptafluorobutyri...	20.99	2.7	ng/ul	262975	5	21.27	1943450	20.0
(DEL) Alkane: Str...	23.41	2.8	ng/ul	293625	6	23.50	2133700	20.0
(DEL) Alkane: Str...	24.06	2.8	ng/ul	292909	6	23.50	2133700	20.0
(DEL) Alkane: Str...	24.80	2.5	ng/ul	269522	6	23.50	2133700	20.0