

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041521\
 Data File : BN014299.D
 Acq On : 16 Apr 2021 00:35
 Operator : CG/JU
 Sample : M2031-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BG533

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	19	23	34	rVB	39385	60022	1.52%	0.180%
2	3.858	126	131	136	rVB	14710	20649	0.52%	0.062%
3	3.946	141	146	155	rVB	55734	79737	2.02%	0.239%
4	4.164	179	183	186	rVB	10840	14163	0.36%	0.042%
5	4.564	248	251	254	rVB	6586	6616	0.17%	0.020%
6	5.734	444	450	454	rVB3	7670	10732	0.27%	0.032%
7	5.811	461	463	470	rVB4	3478	5094	0.13%	0.015%
8	6.863	636	642	652	rBV	164172	267394	6.79%	0.801%
9	7.034	665	671	683	rBV	457618	718943	18.25%	2.155%
10	7.228	698	704	713	rVB	534422	840981	21.35%	2.520%
11	7.352	718	725	730	rVB4	3066	6786	0.17%	0.020%
12	7.699	777	784	792	rVV	504921	788571	20.02%	2.363%
13	8.069	843	847	851	rBV	3972	5909	0.15%	0.018%
14	8.393	896	902	911	rBV	424810	636783	16.17%	1.908%
15	8.846	971	979	989	rBV	499453	813666	20.66%	2.439%
16	9.293	1049	1055	1059	rVB3	5482	9344	0.24%	0.028%
17	9.563	1093	1101	1108	rBV	378301	605056	15.36%	1.813%
18	10.093	1184	1191	1202	rBV	684582	1074865	27.29%	3.221%
19	10.475	1249	1256	1262	rBV	670333	1093435	27.76%	3.277%
20	10.522	1262	1264	1270	rVB2	3705	5022	0.13%	0.015%
21	10.610	1272	1279	1286	rBV	15904	26654	0.68%	0.080%
22	12.063	1522	1526	1531	rBV2	9220	14410	0.37%	0.043%
23	13.169	1710	1714	1719	rVB3	4521	5925	0.15%	0.018%
24	13.234	1721	1725	1731	rVB2	3747	5104	0.13%	0.015%
25	13.745	1805	1812	1817	rBV	1184676	1619126	41.10%	4.853%
26	13.787	1817	1819	1825	rVB	29331	37644	0.96%	0.113%
27	14.022	1850	1859	1867	rBV	1371319	1975477	50.15%	5.921%
28	14.251	1894	1898	1901	rBV2	4708	6012	0.15%	0.018%
29	14.334	1905	1912	1919	rVV	976327	1384933	35.16%	4.151%
30	14.393	1919	1922	1927	rVB3	4430	5723	0.15%	0.017%
31	14.522	1938	1944	1951	rBV	120689	176019	4.47%	0.528%
32	15.157	2047	2052	2057	rBV2	4502	7015	0.18%	0.021%
33	15.198	2057	2059	2063	rVB2	3155	4350	0.11%	0.013%
34	15.328	2074	2081	2088	rBV	1897456	2568118	65.20%	7.697%

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35	15.440	2094	2100	2110	rBV	490166	628139	15.95%	1.883%
36	15.569	2115	2122	2126	rBV	16350	22707	0.58%	0.068%
37	15.698	2141	2144	2151	rVB4	3659	5546	0.14%	0.017%
38	16.063	2202	2206	2212	rBV3	3850	7379	0.19%	0.022%
39	16.116	2212	2215	2218	rVB4	6141	7203	0.18%	0.022%
40	16.334	2247	2252	2256	rBV2	8427	12255	0.31%	0.037%
41	16.486	2272	2278	2283	rBV4	3772	7793	0.20%	0.023%
42	16.863	2338	2342	2344	rBV3	6683	7641	0.19%	0.023%
43	17.075	2372	2378	2384	rBV	1108762	1585901	40.26%	4.753%
44	17.175	2384	2395	2411	rVB	2236324	3094457	78.56%	9.274%
45	17.316	2416	2419	2426	rVV8	3798	6831	0.17%	0.020%
46	17.381	2426	2430	2437	rVV6	5446	10316	0.26%	0.031%
47	17.463	2439	2444	2450	rBV3	7879	12826	0.33%	0.038%
48	17.986	2526	2533	2540	rBV	136436	201206	5.11%	0.603%
49	18.657	2643	2647	2651	rBV4	3527	4869	0.12%	0.015%
50	18.698	2651	2654	2657	rVB3	9127	10572	0.27%	0.032%
51	19.016	2703	2708	2709	rBV4	3693	4424	0.11%	0.013%
52	19.116	2719	2725	2728	rBV	23244	45037	1.14%	0.135%
53	19.145	2728	2730	2734	rVB3	17063	21070	0.53%	0.063%
54	19.269	2747	2751	2763	rBV	84300	122821	3.12%	0.368%
55	19.363	2763	2767	2771	rVV	17563	22163	0.56%	0.066%
56	19.422	2773	2777	2780	rBV5	3951	5373	0.14%	0.016%
57	19.475	2780	2786	2795	rBV	2876333	3796100	96.37%	11.377%
58	19.710	2823	2826	2831	rBV	9734	12813	0.33%	0.038%
59	20.010	2874	2877	2879	rVB3	5889	6214	0.16%	0.019%
60	20.516	2960	2963	2965	rBV3	10639	12111	0.31%	0.036%
61	20.992	3040	3044	3051	rBV	164640	234910	5.96%	0.704%
62	21.269	3086	3091	3100	rBV	1516028	1808231	45.91%	5.419%
63	22.333	3270	3272	3278	rVB3	48398	56192	1.43%	0.168%
64	22.845	3355	3359	3363	rBV	84420	110737	2.81%	0.332%
65	23.357	3439	3446	3452	rBV	2169883	3939052	100.00%	11.806%
66	23.410	3452	3455	3461	rVV	146338	239209	6.07%	0.717%
67	23.498	3464	3470	3484	rVB2	1055281	1955423	49.64%	5.861%
68	24.057	3560	3565	3573	rVB2	127876	238544	6.06%	0.715%
69	24.810	3688	3693	3699	rVB3	103554	209620	5.32%	0.628%

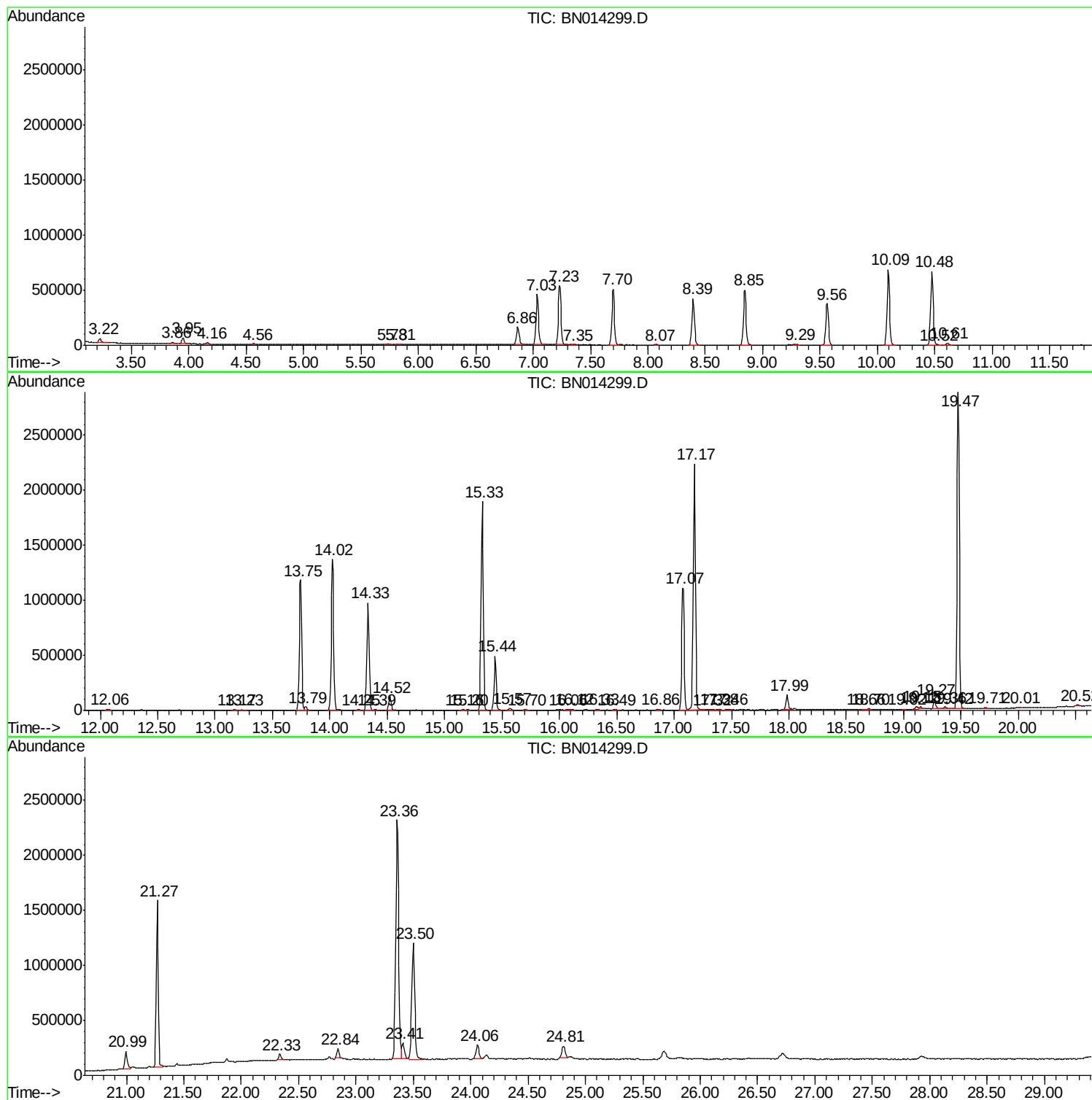
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Quant Title : SVOA CALIBRATION

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



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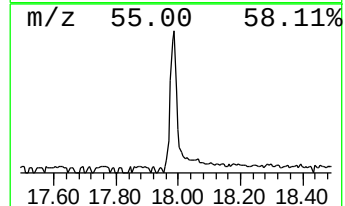
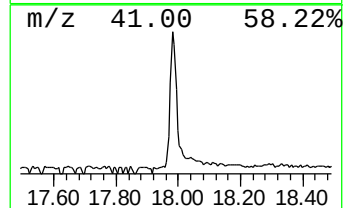
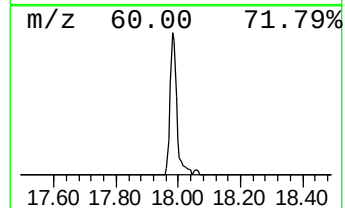
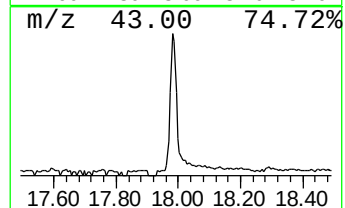
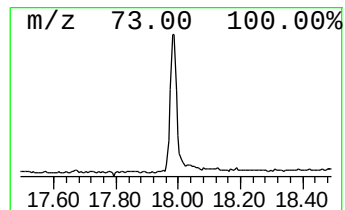
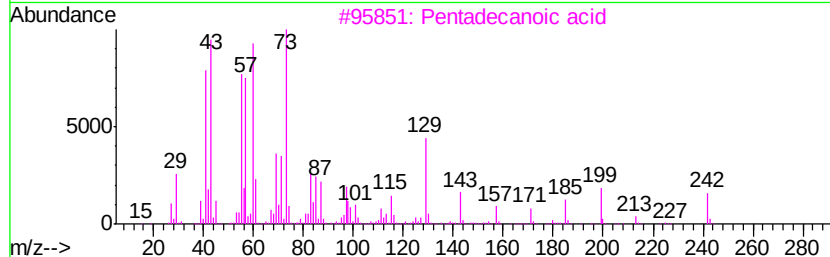
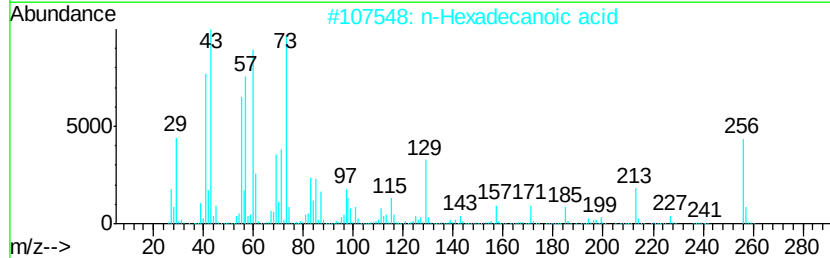
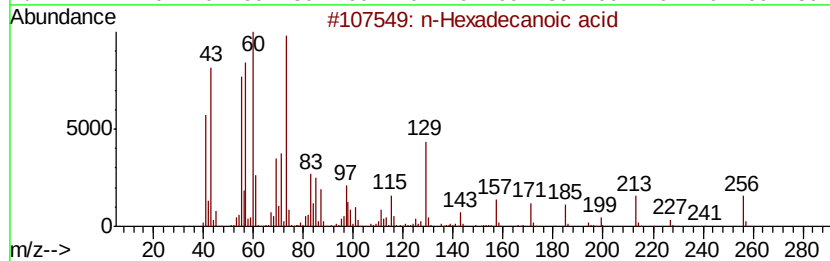
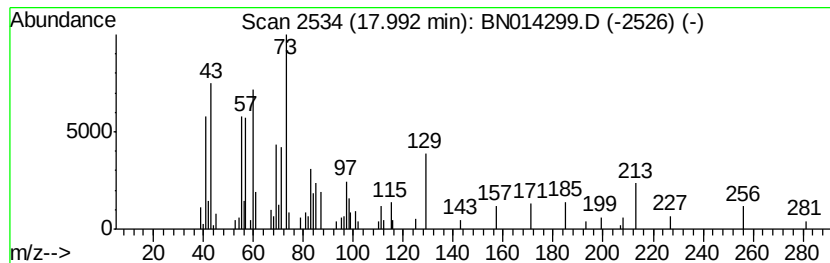
Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.99	2.54 ng/ul	201206	Phenanthrene-d10	17.07	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58



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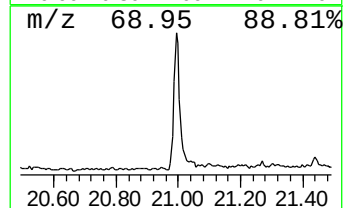
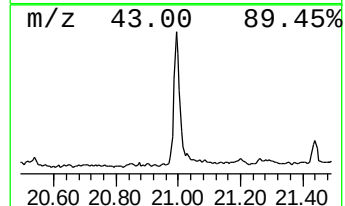
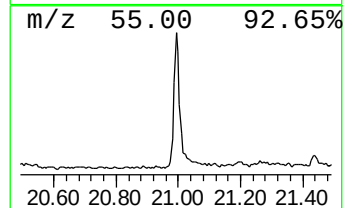
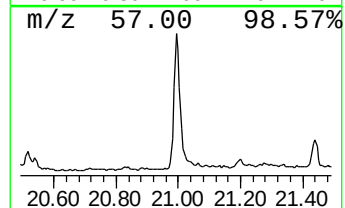
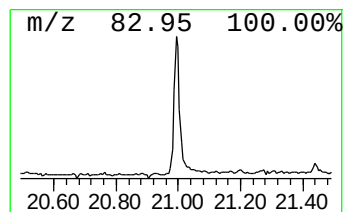
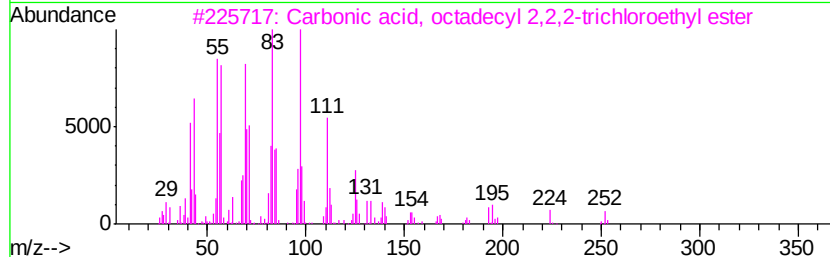
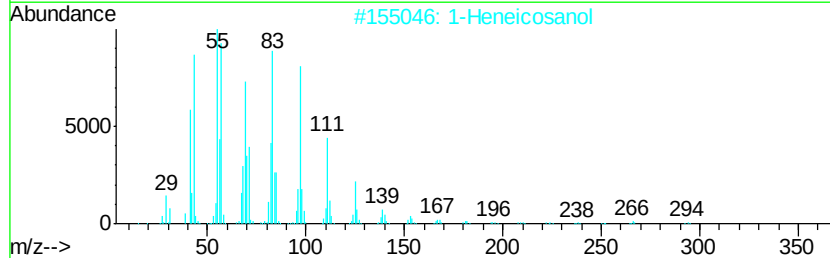
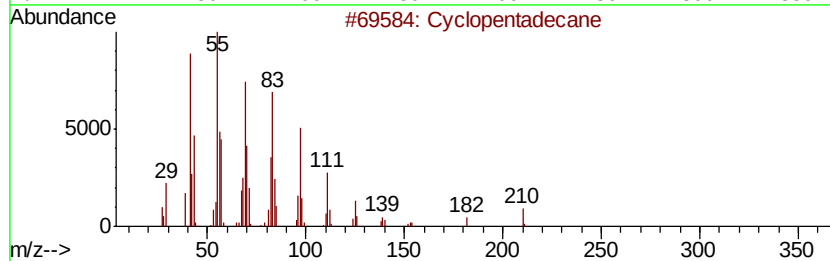
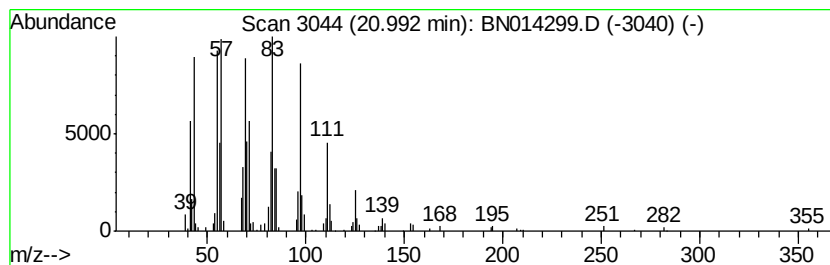
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic20.99 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.60 ng/ul	234910	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	97
2		1-Heneicosanol	312	C21H44O	015594-90-8	95
3		Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	94
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94



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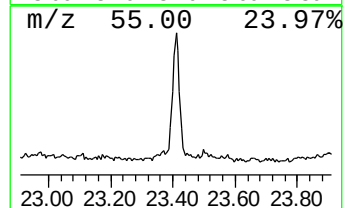
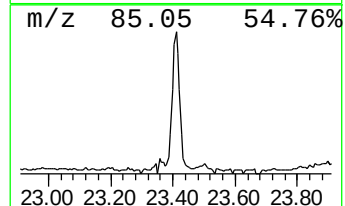
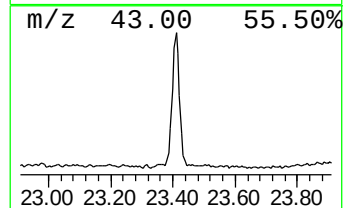
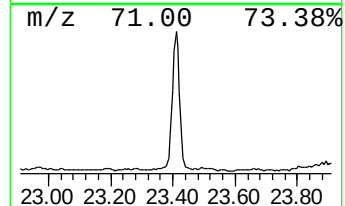
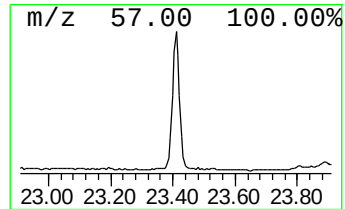
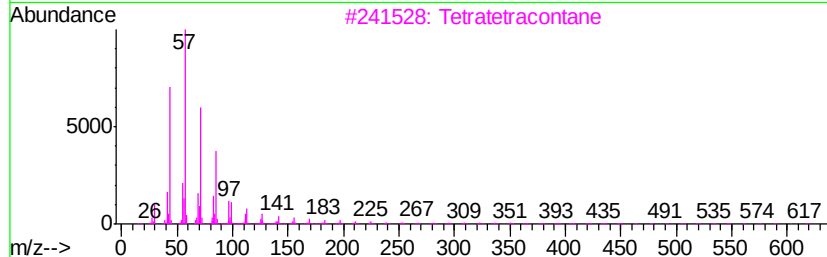
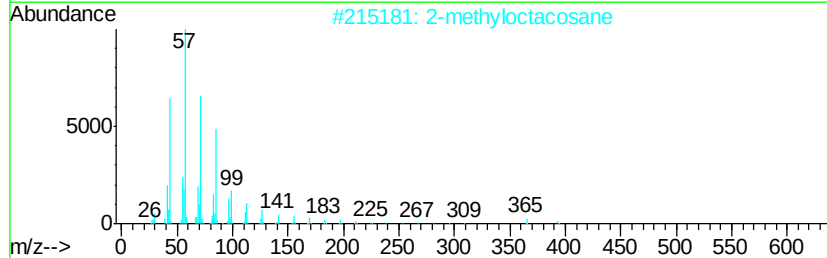
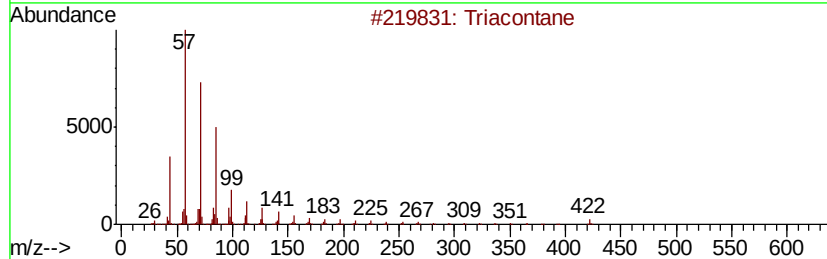
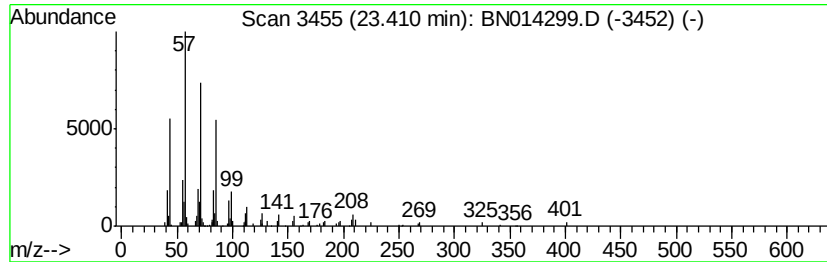
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.41	2.45 ng/ul	239209	Perylene-d12	23.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Heptacosane	380	C27H56	000593-49-7	90



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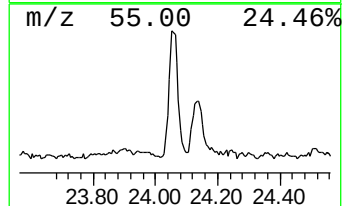
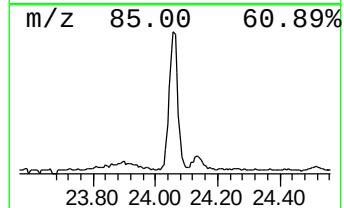
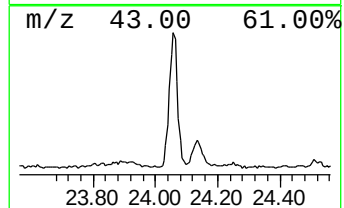
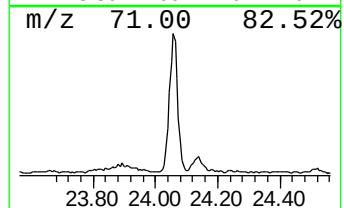
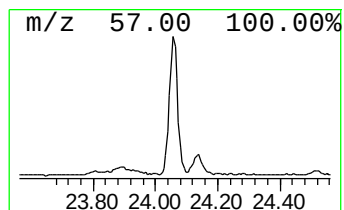
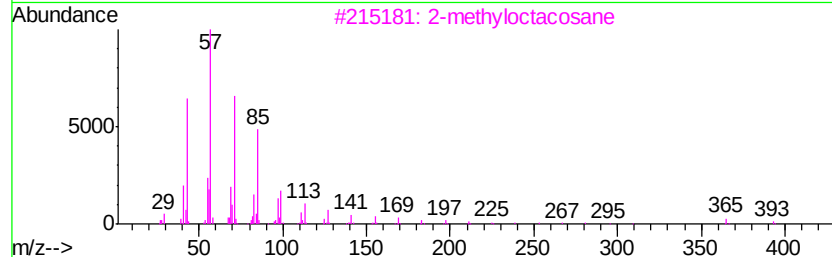
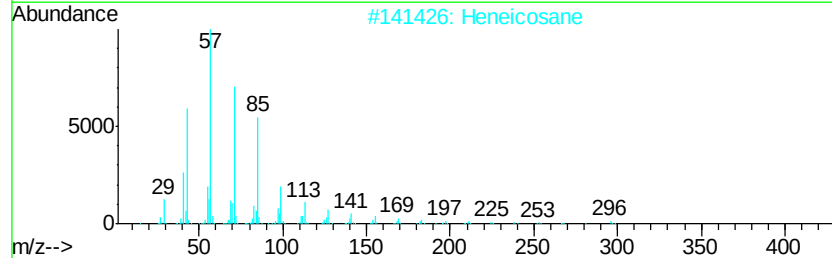
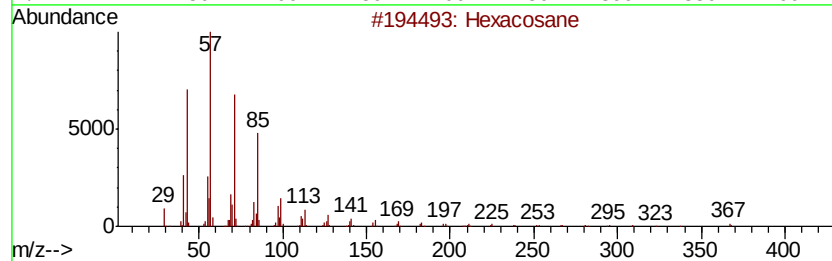
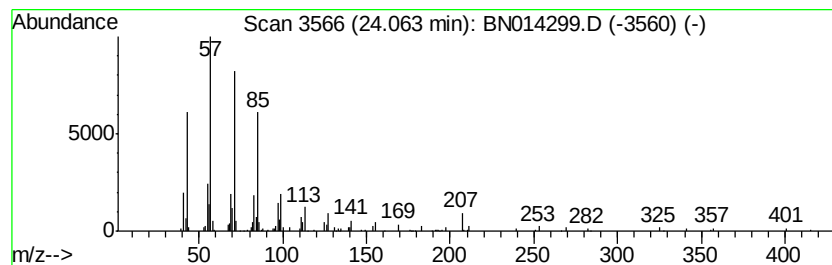
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	2.44 ng/ul	238544	Perylene-d12	23.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
5		Octadecane	254	C18H38	000593-45-3	87



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BG533

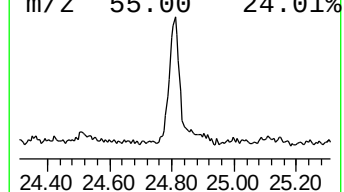
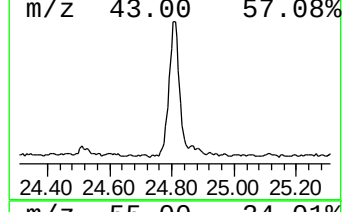
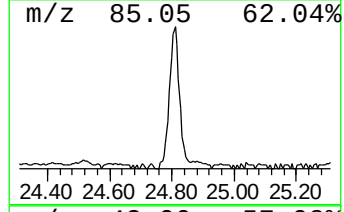
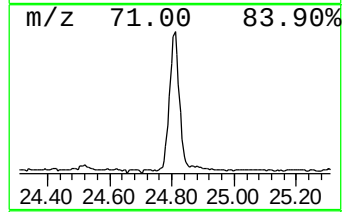
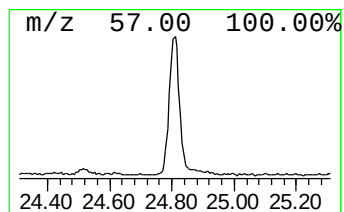
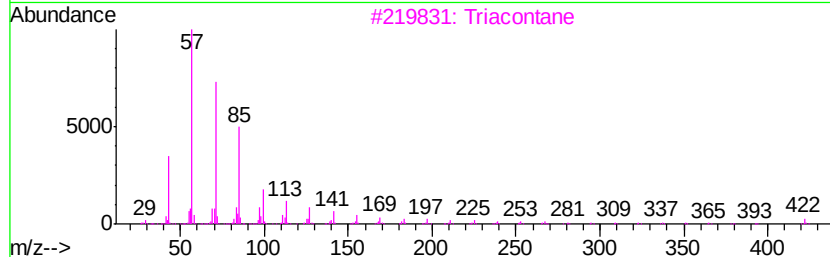
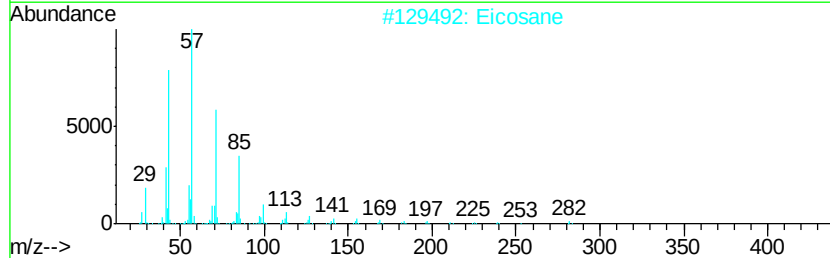
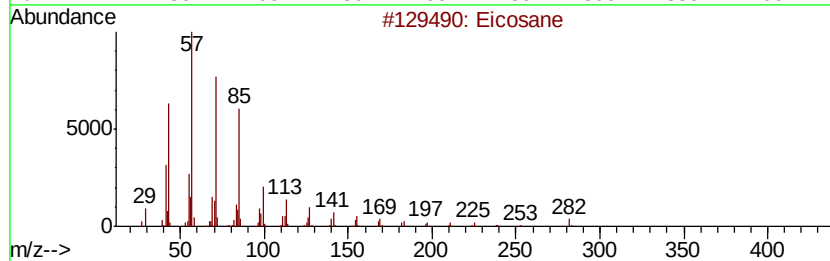
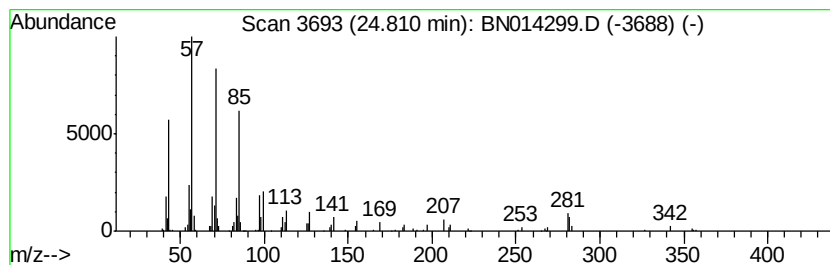
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.81	2.14 ng/ul	209620	Perylene-d12	23.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Eicosane	282	C20H42	000112-95-8	96
3		Triacontane	422	C30H62	000638-68-6	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		2-methyloctacosane	408	C29H60	1000376-72-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN041521\
Data File : BN014299.D
Acq On : 16 Apr 2021 00:35
Operator : CG/JU
Sample : M2031-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BG533

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	2.5	ng/ul	201206	4	17.07	1585900	20.0
(DEL) Alkane: Cyc...	20.99	2.6	ng/ul	234910	5	21.27	1808230	20.0
(DEL) Alkane: Str...	23.41	2.5	ng/ul	239209	6	23.50	1955420	20.0
(DEL) Alkane: Str...	24.06	2.4	ng/ul	238544	6	23.50	1955420	20.0
(DEL) Alkane: Str...	24.81	2.1	ng/ul	209620	6	23.50	1955420	20.0