

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
 Data File : BN005568.D
 Acq On : 09 May 2019 16:34
 Operator : JU/SJ
 Sample : K2634-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJB3

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\SOM-EPA-BN041919MA.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	3.205	34	37	44	rVB	46582	57664	0.94%	0.084%
2	6.769	636	643	657	rBV	775893	1402480	22.80%	2.033%
3	6.928	664	670	682	rVB	626267	1011620	16.45%	1.467%
4	7.122	695	703	716	rBV	838179	1399704	22.76%	2.029%
5	7.581	775	781	790	rBV	858950	1392178	22.63%	2.018%
6	7.657	790	794	801	rVB3	21786	35495	0.58%	0.051%
7	8.110	866	871	880	rVB3	18318	29144	0.47%	0.042%
8	8.287	893	901	913	rBV	1020257	1780146	28.94%	2.581%
9	8.728	968	976	988	rBV	847066	1465001	23.82%	2.124%
10	9.157	1045	1049	1054	rVB2	17625	25877	0.42%	0.038%
11	9.440	1091	1097	1109	rBV	730506	1250598	20.33%	1.813%
12	9.787	1149	1156	1159	rBV5	7470	16529	0.27%	0.024%
13	9.851	1163	1167	1171	rBV2	6410	10232	0.17%	0.015%
14	9.975	1181	1188	1208	rBV	1038753	1946307	31.64%	2.822%
15	10.346	1243	1251	1255	rBV	1269475	2158299	35.09%	3.129%
16	10.393	1255	1259	1268	rVV	535002	877426	14.27%	1.272%
17	10.487	1268	1275	1298	rVV	950486	1927800	31.34%	2.795%
18	11.945	1518	1523	1528	rBV4	14536	23899	0.39%	0.035%
19	12.022	1528	1536	1546	rVB	105987	200387	3.26%	0.291%
20	12.245	1565	1574	1583	rVV	72426	139684	2.27%	0.203%
21	12.622	1633	1638	1644	rVV5	9602	19697	0.32%	0.029%
22	12.898	1679	1685	1692	rBV4	33951	71160	1.16%	0.103%
23	13.051	1706	1711	1718	rBV2	24159	34929	0.57%	0.051%
24	13.187	1730	1734	1740	rBV6	10286	17077	0.28%	0.025%
25	13.398	1764	1770	1774	rVB5	17122	35057	0.57%	0.051%
26	13.451	1776	1779	1785	rVB6	7260	9250	0.15%	0.013%
27	13.540	1789	1794	1799	rBV4	23569	43603	0.71%	0.063%
28	13.592	1799	1803	1805	rBV3	17255	23652	0.38%	0.034%
29	13.634	1805	1810	1815	rVV	2119407	3107937	50.53%	4.506%
30	13.687	1815	1819	1830	rVV	489870	755986	12.29%	1.096%
31	13.775	1830	1834	1837	rVV3	12477	22455	0.37%	0.033%
32	13.910	1850	1857	1872	rBV	2552485	4073003	66.22%	5.905%
33	14.145	1892	1897	1899	rBV4	6276	9192	0.15%	0.013%
34	14.222	1903	1910	1918	rBV2	1970767	3090842	50.25%	4.481%

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35	14.281	1918	1920	1924	rVB4	12925	15657	0.25%	0.023%
36	14.445	1942	1948	1968	rBV	505776	1246209	20.26%	1.807%
37	14.628	1977	1979	1983	rVB3	7870	9440	0.15%	0.014%
38	14.710	1990	1993	1996	rVB3	9041	11423	0.19%	0.017%
39	14.834	2011	2014	2017	rBV4	11075	15217	0.25%	0.022%
40	15.039	2044	2049	2054	rBV7	6481	11833	0.19%	0.017%
41	15.098	2054	2059	2065	rVB3	26165	32775	0.53%	0.048%
42	15.222	2073	2080	2086	rBV	3229332	4734716	76.98%	6.864%
43	15.275	2086	2089	2098	rVV	79341	148975	2.42%	0.216%
44	15.363	2098	2104	2116	rVV	574636	953381	15.50%	1.382%
45	15.463	2117	2121	2126	rVB	39717	60614	0.99%	0.088%
46	15.692	2156	2160	2163	rVV2	12165	15756	0.26%	0.023%
47	15.798	2175	2178	2181	rVB3	6692	8393	0.14%	0.012%
48	15.916	2193	2198	2202	rBV5	7063	12160	0.20%	0.018%
49	15.963	2202	2206	2209	rVV3	17304	21485	0.35%	0.031%
50	16.010	2211	2214	2219	rVB4	18801	24533	0.40%	0.036%
51	16.134	2231	2235	2239	rVB4	10914	15444	0.25%	0.022%
52	16.181	2239	2243	2247	rBV5	6312	8778	0.14%	0.013%
53	16.657	2318	2324	2328	rVB4	9414	16292	0.26%	0.024%
54	16.763	2338	2342	2345	rBV3	17911	28378	0.46%	0.041%
55	16.798	2345	2348	2355	rVB	26277	38294	0.62%	0.056%
56	16.981	2372	2379	2383	rBV2	2575191	3893670	63.30%	5.645%
57	17.016	2383	2385	2390	rVV	251506	339874	5.53%	0.493%
58	17.075	2390	2395	2410	rVB	3572382	5407177	87.91%	7.839%
59	17.292	2428	2432	2435	rVB5	6071	9189	0.15%	0.013%
60	17.504	2464	2468	2473	rVB6	10221	12383	0.20%	0.018%
61	17.569	2476	2479	2483	rVB3	7330	9269	0.15%	0.013%
62	17.863	2524	2529	2531	rBV3	28029	38953	0.63%	0.056%
63	17.898	2531	2535	2549	rVV2	488403	890155	14.47%	1.290%
64	18.051	2557	2561	2566	rBV2	42526	69079	1.12%	0.100%
65	18.092	2566	2568	2576	rVB4	23816	35293	0.57%	0.051%
66	18.192	2580	2585	2588	rBV5	12891	17646	0.29%	0.026%
67	18.375	2611	2616	2620	rVB3	15436	23805	0.39%	0.035%
68	18.792	2682	2687	2690	rBV4	15170	23530	0.38%	0.034%
69	18.839	2691	2695	2702	rVV7	23135	39663	0.64%	0.058%
70	18.945	2709	2713	2718	rVB8	11145	20484	0.33%	0.030%
71	19.027	2723	2727	2728	rBV	40892	46002	0.75%	0.067%

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72	19.057	2728	2732	2743	rVB	90129	156670	2.55%	0.227%
73	19.198	2751	2756	2765	rBV3	205294	375496	6.10%	0.544%
74	19.280	2766	2770	2774	rVB3	43593	69663	1.13%	0.101%
75	19.392	2783	2789	2799	rBV	4279148	6150703	100.00%	8.917%
76	19.469	2799	2802	2807	rVB4	24698	32101	0.52%	0.047%
77	19.898	2873	2875	2878	rBV3	7167	10120	0.16%	0.015%
78	19.939	2878	2882	2884	rVV4	17729	24092	0.39%	0.035%
79	19.974	2884	2888	2891	rVB2	41062	49330	0.80%	0.072%
80	20.033	2896	2898	2904	rVV4	17606	22971	0.37%	0.033%
81	20.098	2904	2909	2913	rVV3	11936	17735	0.29%	0.026%
82	20.239	2928	2933	2936	rBV5	11361	17027	0.28%	0.025%
83	20.292	2936	2942	2946	rBV7	13563	28833	0.47%	0.042%
84	20.333	2947	2949	2951	rBV3	16027	16557	0.27%	0.024%
85	20.474	2968	2973	2977	rBV2	87688	104076	1.69%	0.151%
86	20.510	2977	2979	2982	rVB4	10205	11045	0.18%	0.016%
87	20.898	3042	3045	3047	rBV4	10169	13879	0.23%	0.020%
88	20.945	3048	3053	3062	rBV	588778	958244	15.58%	1.389%
89	21.221	3093	3100	3110	rBV	2537284	3747782	60.93%	5.433%
90	21.345	3117	3121	3124	rBV3	73537	91629	1.49%	0.133%
91	21.398	3126	3130	3139	rVB	198539	248297	4.04%	0.360%
92	21.833	3200	3204	3208	rBV	257871	288663	4.69%	0.418%
93	22.292	3278	3282	3289	rVB	303701	386008	6.28%	0.560%
94	22.792	3362	3367	3375	rBV	352507	497323	8.09%	0.721%
95	23.298	3445	3453	3458	rBV	2127969	4106082	66.76%	5.953%
96	23.345	3458	3461	3468	rVV	377939	653196	10.62%	0.947%
97	23.433	3469	3476	3497	rVB2	1504257	3161446	51.40%	4.583%
98	23.974	3562	3568	3577	rVB	247145	471451	7.66%	0.683%
99	24.698	3686	3691	3699	rVB	161620	298336	4.85%	0.433%
100	25.539	3830	3834	3843	rVB3	84269	199494	3.24%	0.289%

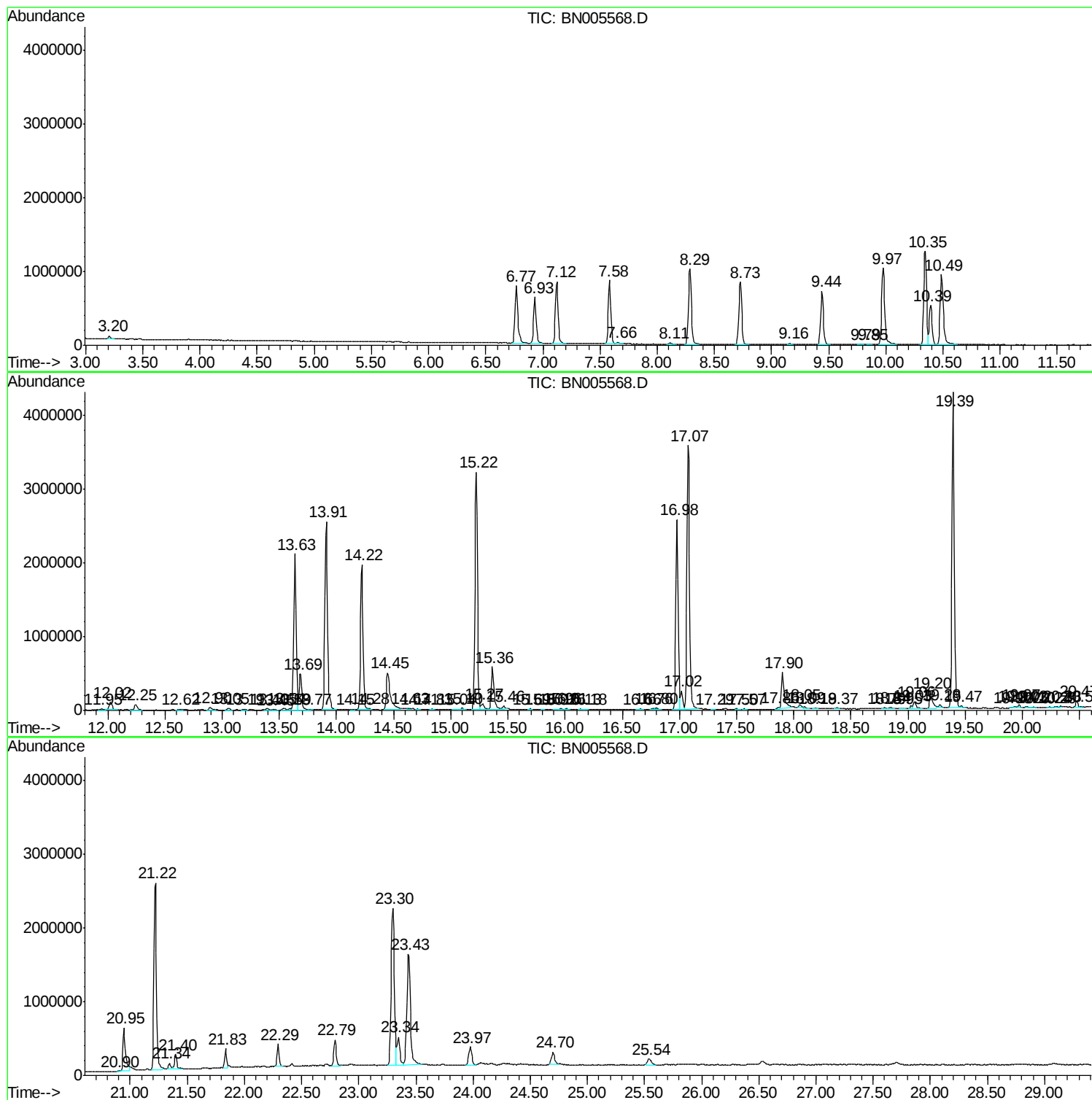
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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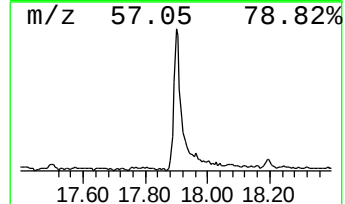
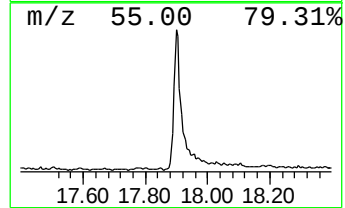
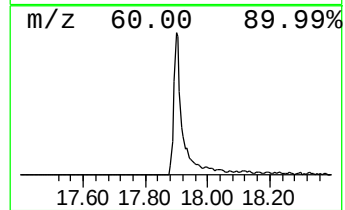
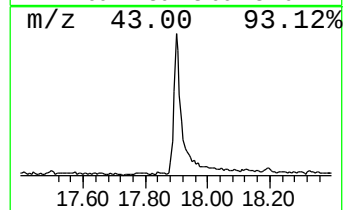
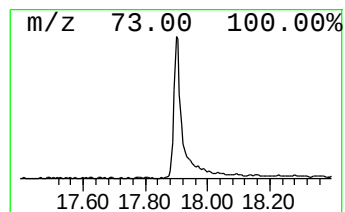
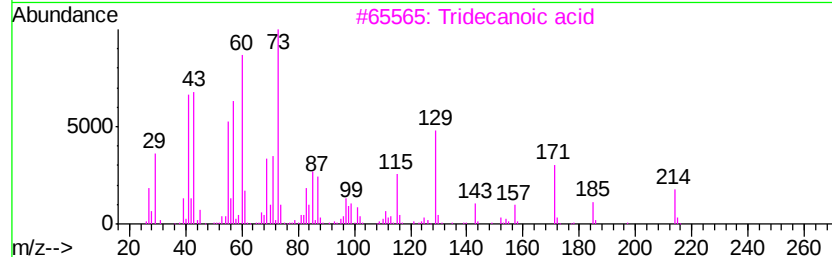
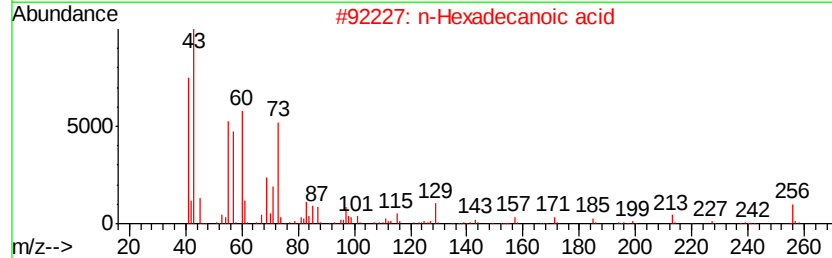
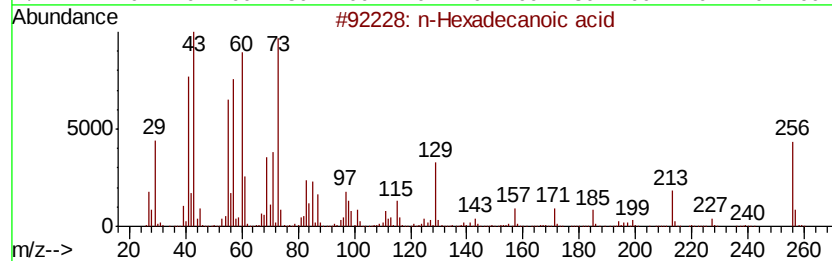
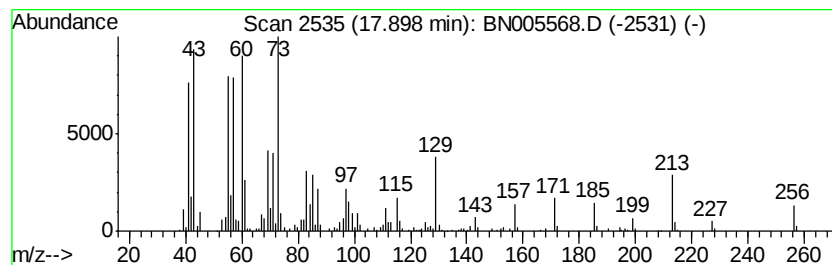
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.90	4.57 ng/ul	890155	Phenanthrene-d10	16.97		
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	93	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70	



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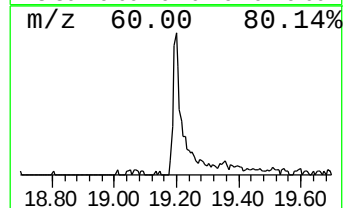
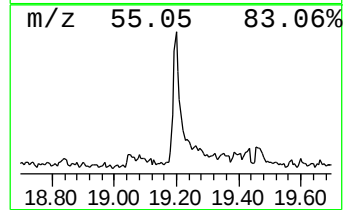
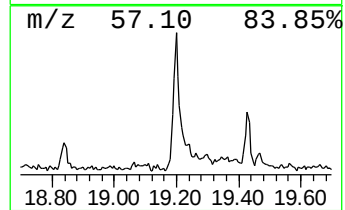
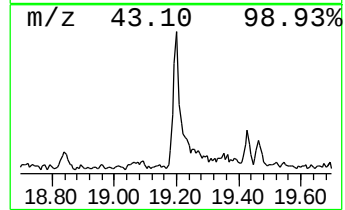
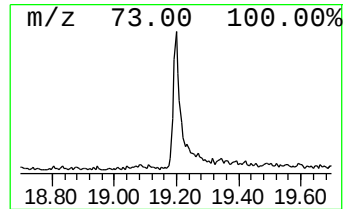
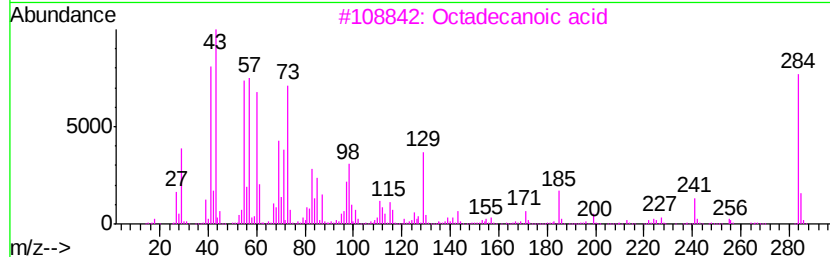
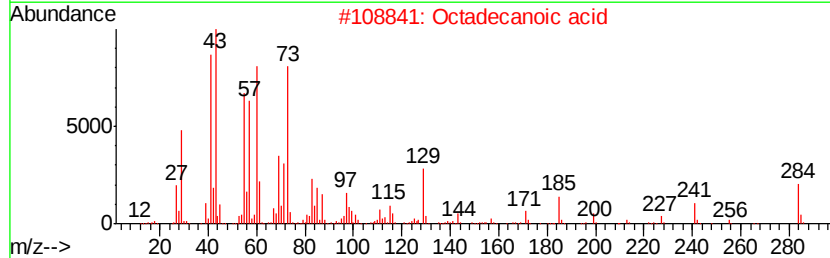
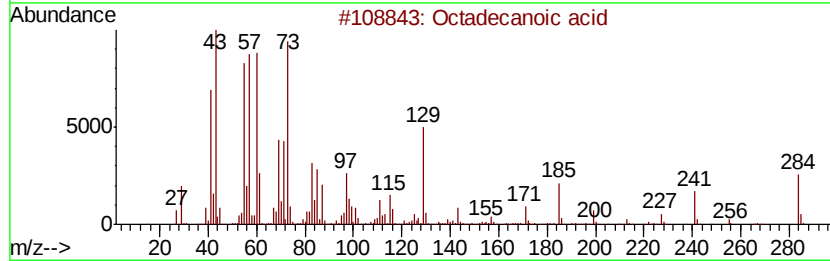
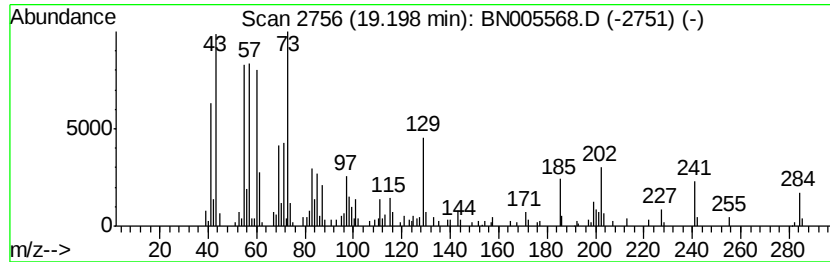
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	2.00 ng/ul	375496	Chrysene-d12	21.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4 99
2	Octadecanoic acid	284	C18H36O2	000057-11-4 99
3	Octadecanoic acid	284	C18H36O2	000057-11-4 95
4	Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6 83
5	Pentadecanoic acid	242	C15H30O2	001002-84-2 78



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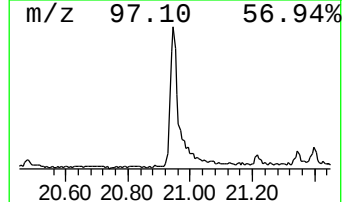
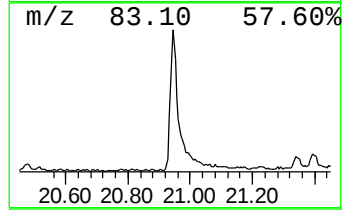
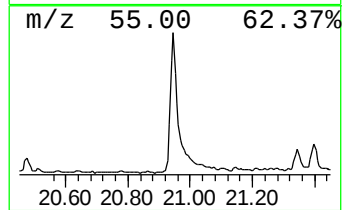
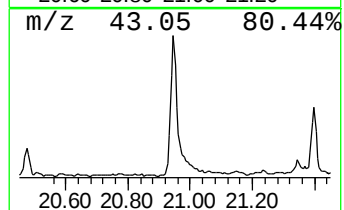
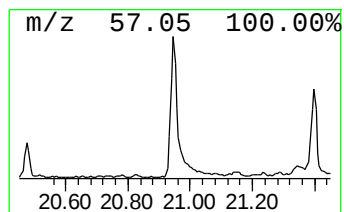
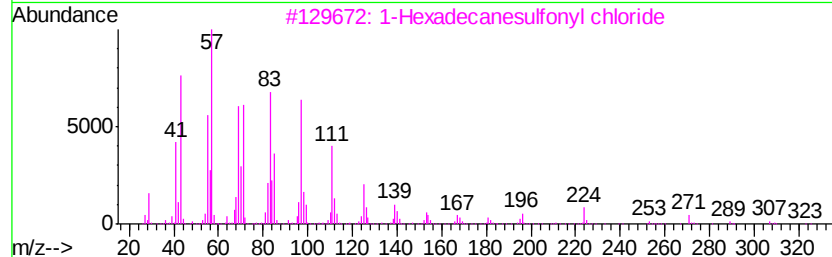
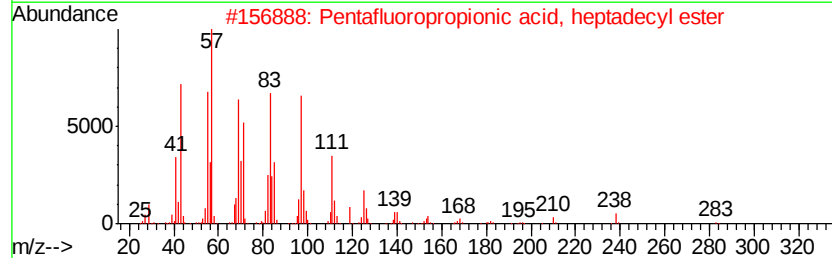
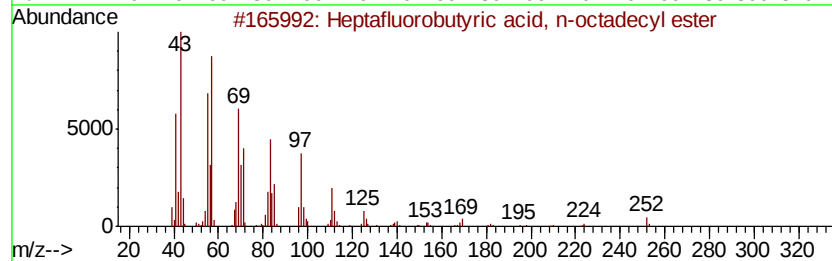
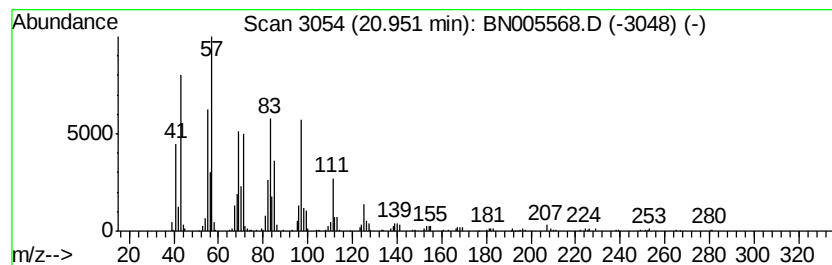
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptafluorobutyric acid, n-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.95	5.11 ng/ul	958244	Chrysene-d12	21.22		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutyric acid, n-octadecyl ester	466	C22H37F7O2	000400-57-7	91
2		Pentafluoropropionic acid, heptadecyl ester	402	C20H35F5O2	1000283-04-2	91
3		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
4		Heptafluorobutanoic acid, heptadecyl ester	452	C21H35F7O2	1000282-97-3	91
5		Trifluoroacetic acid, n-octadecyl ester	366	C20H37F3O2	079392-43-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005568.D
Acq On : 09 May 2019 16:34
Operator : JU/SJ
Sample : K2634-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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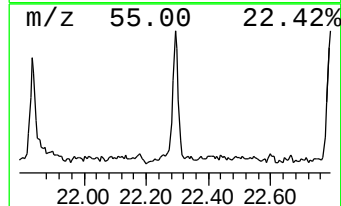
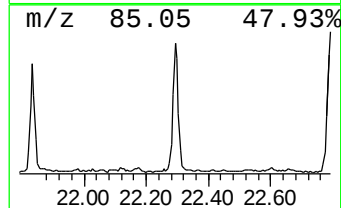
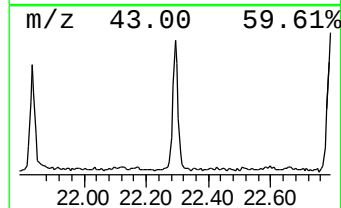
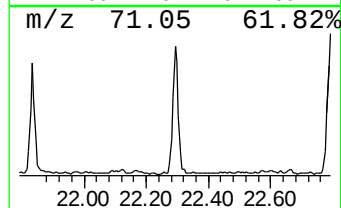
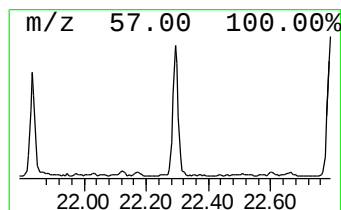
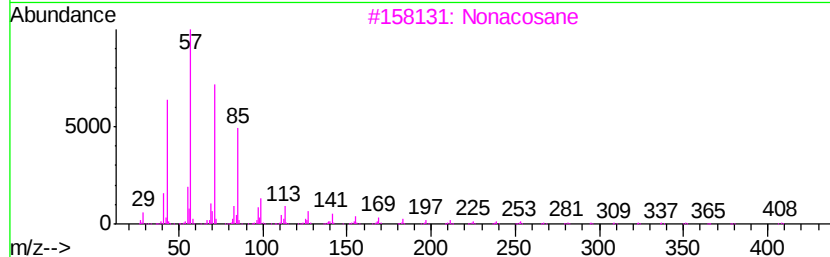
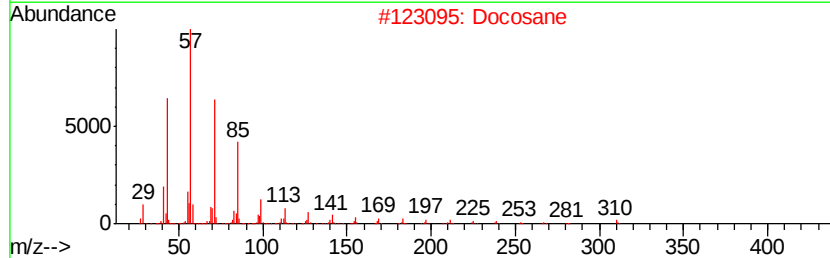
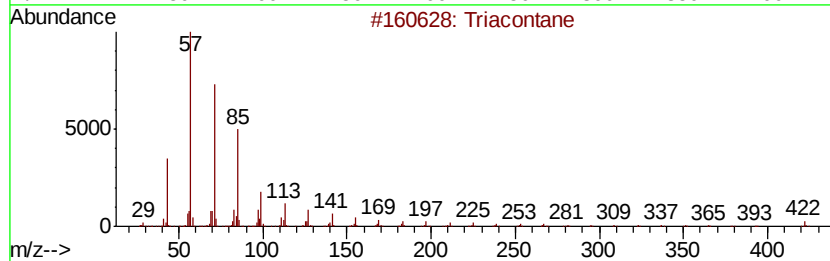
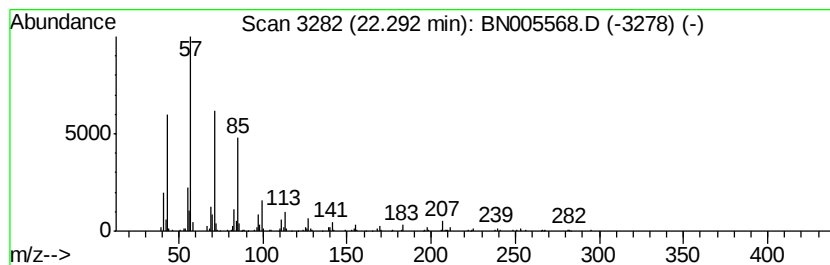
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	2.06 ng/ul	386008	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		Docosane	310	C22H46	000629-97-0	91
3		Nonacosane	408	C29H60	000630-03-5	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005568.D
Acq On : 09 May 2019 16:34
Operator : JU/SJ
Sample : K2634-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJB3

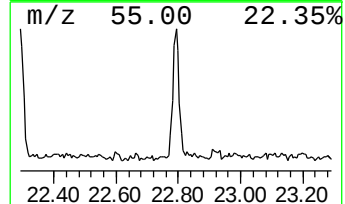
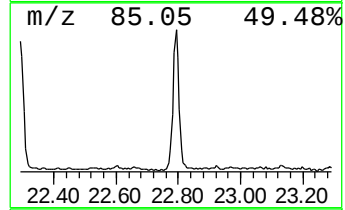
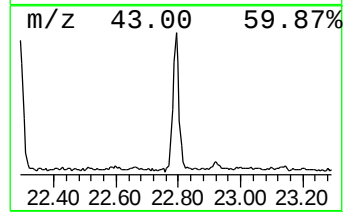
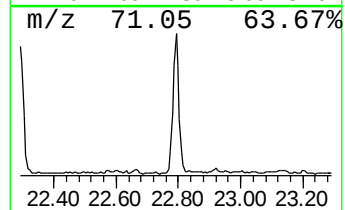
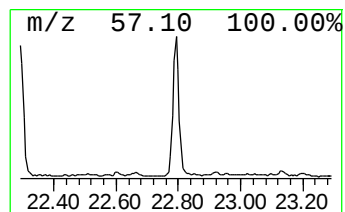
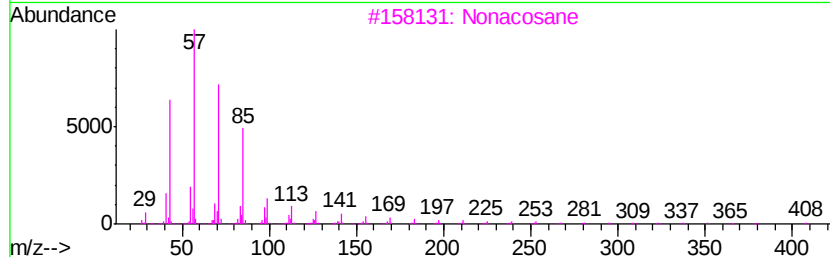
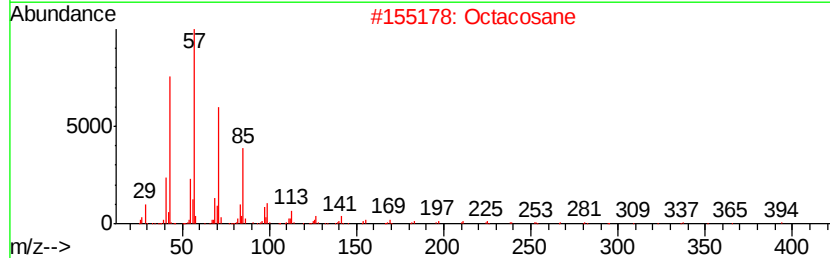
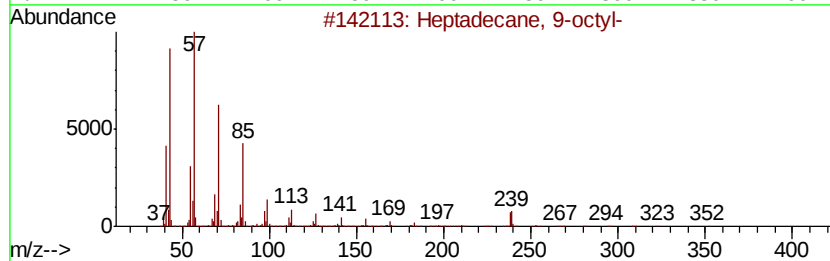
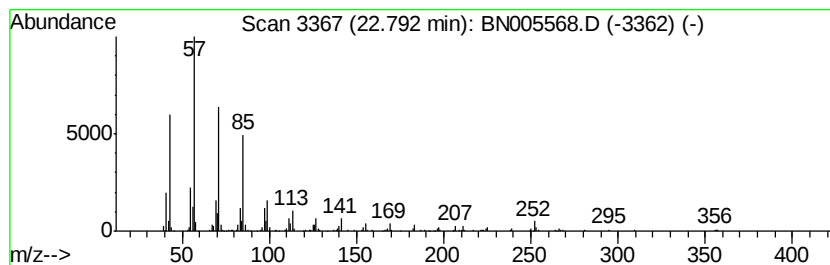
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	3.15 ng/ul	497323	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
2		Octacosane	394	C28H58	000630-02-4	90
3		Nonacosane	408	C29H60	000630-03-5	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		triacontane	422	C30H62	000638-68-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005568.D
Acq On : 09 May 2019 16:34
Operator : JU/SJ
Sample : K2634-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJB3

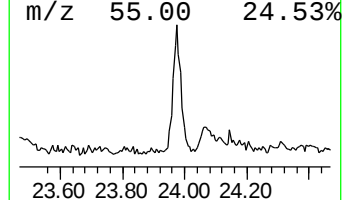
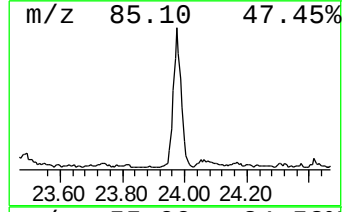
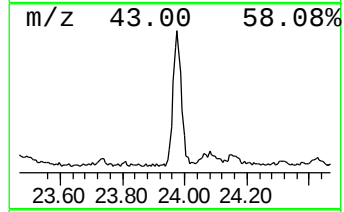
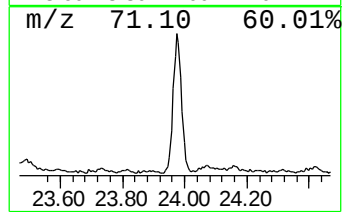
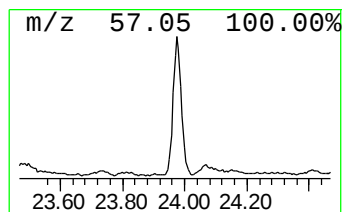
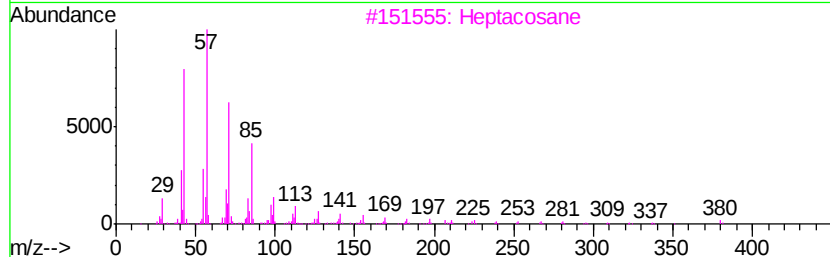
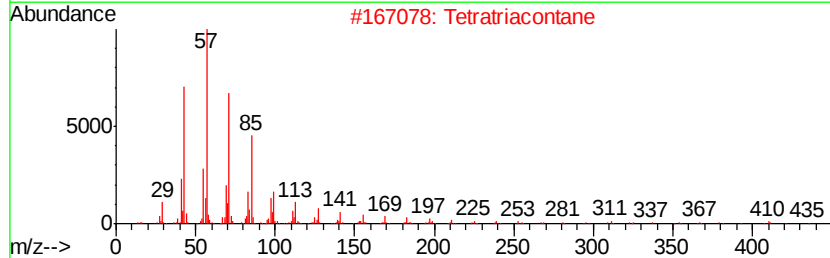
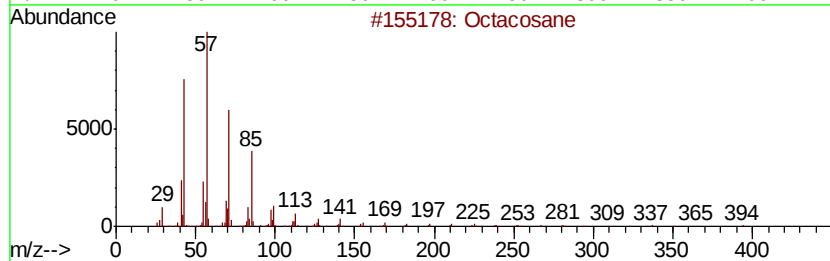
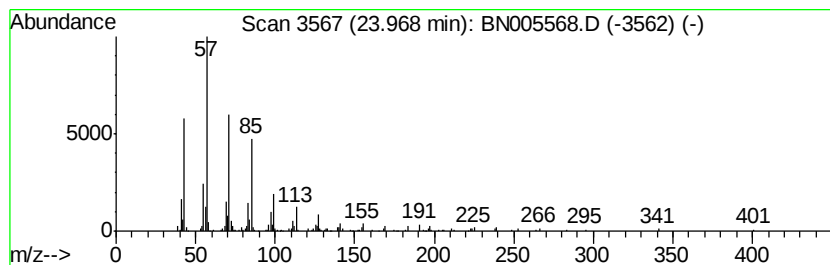
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	2.98 ng/ul	471451	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Tetratriacontane	479	C34H70	014167-59-0	90
3		Heptacosane	380	C27H56	000593-49-7	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050919\
Data File : BN005568.D
Acq On : 09 May 2019 16:34
Operator : JU/SJ
Sample : K2634-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJB3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.90	4.6	ng/ul	890155	4	16.97	3893670	20.0
Octadecanoic acid	19.20	2.0	ng/ul	375496	5	21.22	3747780	20.0
Heptafluorobutyri...	20.95	5.1	ng/ul	958244	5	21.22	3747780	20.0
(DEL) Alkane: Str...	22.29	2.1	ng/ul	386008	5	21.22	3747780	20.0
(DEL) Alkane: Str...	22.79	3.1	ng/ul	497323	6	23.43	3161450	20.0
(DEL) Alkane: Str...	23.97	3.0	ng/ul	471451	6	23.43	3161450	20.0