

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
 Data File : BN005922.D
 Acq On : 29 May 2019 10:25
 Operator : JU/SJ
 Sample : K2924-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4268

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-BN052819MA.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	3.011	3	4	27	rVB	9112256	11214717	81.40%	6.698%
2	3.264	43	47	59	rVB	111071	171588	1.25%	0.102%
3	3.769	130	133	137	rVB4	15041	19096	0.14%	0.011%
4	3.887	149	153	162	rVB	89351	151705	1.10%	0.091%
5	3.981	166	169	174	rVB	20038	27101	0.20%	0.016%
6	4.075	182	185	192	rVB7	14119	23080	0.17%	0.014%
7	4.869	315	320	327	rVB	102413	160408	1.16%	0.096%
8	4.958	332	335	346	rVB9	16252	33877	0.25%	0.020%
9	5.834	480	484	488	rVB	18419	26495	0.19%	0.016%
10	6.134	531	535	544	rBV2	18897	32822	0.24%	0.020%
11	6.387	573	578	584	rVB7	11440	21330	0.15%	0.013%
12	6.893	656	664	676	rBV	2170904	3414510	24.78%	2.039%
13	7.063	687	693	704	rBV	1805244	2881001	20.91%	1.721%
14	7.258	717	726	736	rBV	2207695	3537072	25.67%	2.113%
15	7.334	736	739	747	rVB4	18768	37119	0.27%	0.022%
16	7.728	795	806	813	rBV	1826498	2882061	20.92%	1.721%
17	7.787	813	816	821	rVB	26002	38195	0.28%	0.023%
18	8.422	916	924	935	rBV	2615114	4115063	29.87%	2.458%
19	8.881	995	1002	1012	rBV	2133689	3463374	25.14%	2.069%
20	9.046	1025	1030	1034	rVB5	16548	23477	0.17%	0.014%
21	9.310	1067	1075	1081	rVB2	41518	64436	0.47%	0.038%
22	9.599	1114	1124	1140	rBV	1600265	2706041	19.64%	1.616%
23	10.128	1206	1214	1225	rBV	2815358	4533086	32.90%	2.707%
24	10.510	1271	1279	1286	rBV	2671812	4404147	31.97%	2.630%
25	10.646	1293	1302	1317	rBV	2211363	3777118	27.42%	2.256%
26	11.028	1364	1367	1372	rBV4	11149	19872	0.14%	0.012%
27	11.534	1448	1453	1458	rBV4	13082	24071	0.17%	0.014%
28	12.040	1527	1539	1545	rBV2	64020	121429	0.88%	0.073%
29	12.104	1545	1550	1555	rVB	50999	84506	0.61%	0.050%
30	13.204	1733	1737	1740	rVB4	13417	18887	0.14%	0.011%
31	13.269	1743	1748	1753	rBV6	13875	22604	0.16%	0.014%
32	13.551	1791	1796	1800	rVB6	10639	19333	0.14%	0.012%
33	13.781	1829	1835	1839	rVV	5215842	7063347	51.27%	4.219%
34	13.828	1839	1843	1851	rVB	1741394	2292051	16.64%	1.369%

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35	14.063	1873	1883	1892	rBV	5455926	8527886	61.90%	5.093%
36	14.281	1916	1920	1925	rVB4	19729	29669	0.22%	0.018%
37	14.369	1925	1935	1943	rBV2	3945718	5938033	43.10%	3.547%
38	14.557	1960	1967	1977	rBV	1920023	2787610	20.23%	1.665%
39	14.716	1989	1994	2000	rBV3	63420	104958	0.76%	0.063%
40	14.792	2000	2007	2013	rVB6	58901	101934	0.74%	0.061%
41	15.034	2045	2048	2053	rVB7	12879	21447	0.16%	0.013%
42	15.181	2069	2073	2078	rVV4	19827	37901	0.28%	0.023%
43	15.234	2078	2082	2087	rVB3	23766	32335	0.23%	0.019%
44	15.369	2098	2105	2111	rBV	7082183	10361032	75.21%	6.188%
45	15.416	2111	2113	2118	rVB4	15970	20117	0.15%	0.012%
46	15.481	2118	2124	2133	rBV	1710447	2318962	16.83%	1.385%
47	15.604	2140	2145	2154	rVB3	91860	152169	1.10%	0.091%
48	15.934	2197	2201	2207	rBV7	9344	19877	0.14%	0.012%
49	16.045	2215	2220	2223	rBV5	12933	20522	0.15%	0.012%
50	16.098	2225	2229	2233	rVV5	23939	34791	0.25%	0.021%
51	16.151	2234	2238	2243	rVB2	38770	57471	0.42%	0.034%
52	16.269	2254	2258	2262	rVB4	14839	21325	0.15%	0.013%
53	16.669	2321	2326	2330	rBV2	39382	51539	0.37%	0.031%
54	16.904	2361	2366	2369	rBV3	23349	45329	0.33%	0.027%
55	16.934	2369	2371	2377	rVB3	20109	29607	0.21%	0.018%
56	17.051	2383	2391	2394	rBV9	14324	32895	0.24%	0.020%
57	17.122	2396	2403	2408	rVV2	5138799	7352499	53.37%	4.391%
58	17.163	2408	2410	2413	rVV	169226	183008	1.33%	0.109%
59	17.222	2413	2420	2430	rVB2	7095987	10724761	77.85%	6.406%
60	17.804	2515	2519	2522	rBV5	19418	22269	0.16%	0.013%
61	18.028	2548	2557	2566	rBV	1220389	1885615	13.69%	1.126%
62	18.186	2581	2584	2589	rBV3	37320	54511	0.40%	0.033%
63	18.345	2605	2611	2617	rBV3	122491	218247	1.58%	0.130%
64	18.504	2634	2638	2641	rBV2	58709	81691	0.59%	0.049%
65	18.539	2641	2644	2650	rVB6	27249	36378	0.26%	0.022%
66	18.833	2691	2694	2699	rVB5	24378	28987	0.21%	0.017%
67	18.922	2704	2709	2713	rVV2	147547	221363	1.61%	0.132%
68	18.969	2713	2717	2723	rVB4	50156	79027	0.57%	0.047%
69	19.063	2729	2733	2735	rBV4	23594	39221	0.28%	0.023%
70	19.157	2744	2749	2751	rBV	134493	211202	1.53%	0.126%
71	19.186	2751	2754	2762	rVB	418883	552472	4.01%	0.330%

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72	19.316	2772	2776	2785	rBV2	367877	528277	3.83%	0.316%
73	19.410	2789	2792	2799	rVB	104920	149612	1.09%	0.089%
74	19.527	2805	2812	2820	rBV2	9263572	13777019	100.00%	8.229%
75	19.586	2820	2822	2826	rVV2	97286	104196	0.76%	0.062%
76	19.627	2827	2829	2834	rVB4	36839	46306	0.34%	0.028%
77	19.892	2868	2874	2880	rBV5	38457	90029	0.65%	0.054%
78	20.022	2892	2896	2897	rBV3	27488	34975	0.25%	0.021%
79	20.051	2898	2901	2904	rVV	116008	151778	1.10%	0.091%
80	20.092	2904	2908	2911	rVB	146087	169580	1.23%	0.101%
81	20.157	2916	2919	2922	rVV2	43777	54902	0.40%	0.033%
82	20.210	2923	2928	2933	rVV2	49295	85220	0.62%	0.051%
83	20.592	2989	2993	2996	rVB	233595	243692	1.77%	0.146%
84	20.769	3019	3023	3026	rBV2	119685	135909	0.99%	0.081%
85	21.051	3067	3071	3078	rBV	2638184	3348183	24.30%	2.000%
86	21.263	3105	3107	3113	rVB	69084	62080	0.45%	0.037%
87	21.339	3113	3120	3125	rBV	6515932	8693149	63.10%	5.192%
88	21.510	3145	3149	3153	rBV	597906	631075	4.58%	0.377%
89	21.692	3176	3180	3185	rVB	325993	346852	2.52%	0.207%
90	21.951	3220	3224	3234	rBV2	678607	1107839	8.04%	0.662%
91	22.427	3300	3305	3310	rBV	741319	1054568	7.65%	0.630%
92	22.657	3342	3344	3352	rVB4	127905	163052	1.18%	0.097%
93	22.939	3387	3392	3397	rBV2	863235	1463956	10.63%	0.874%
94	23.480	3476	3484	3489	rBV2	6355931	12605795	91.50%	7.529%
95	23.521	3489	3491	3497	rVB	845740	1085438	7.88%	0.648%
96	23.621	3500	3508	3523	rVB2	4236016	8198808	59.51%	4.897%
97	24.180	3598	3603	3610	rVB	543747	985113	7.15%	0.588%
98	24.263	3612	3617	3628	rVB	380877	789118	5.73%	0.471%
99	24.939	3727	3732	3739	rVB2	345242	745971	5.41%	0.446%
100	26.280	3955	3960	3970	rVB4	284998	713418	5.18%	0.426%

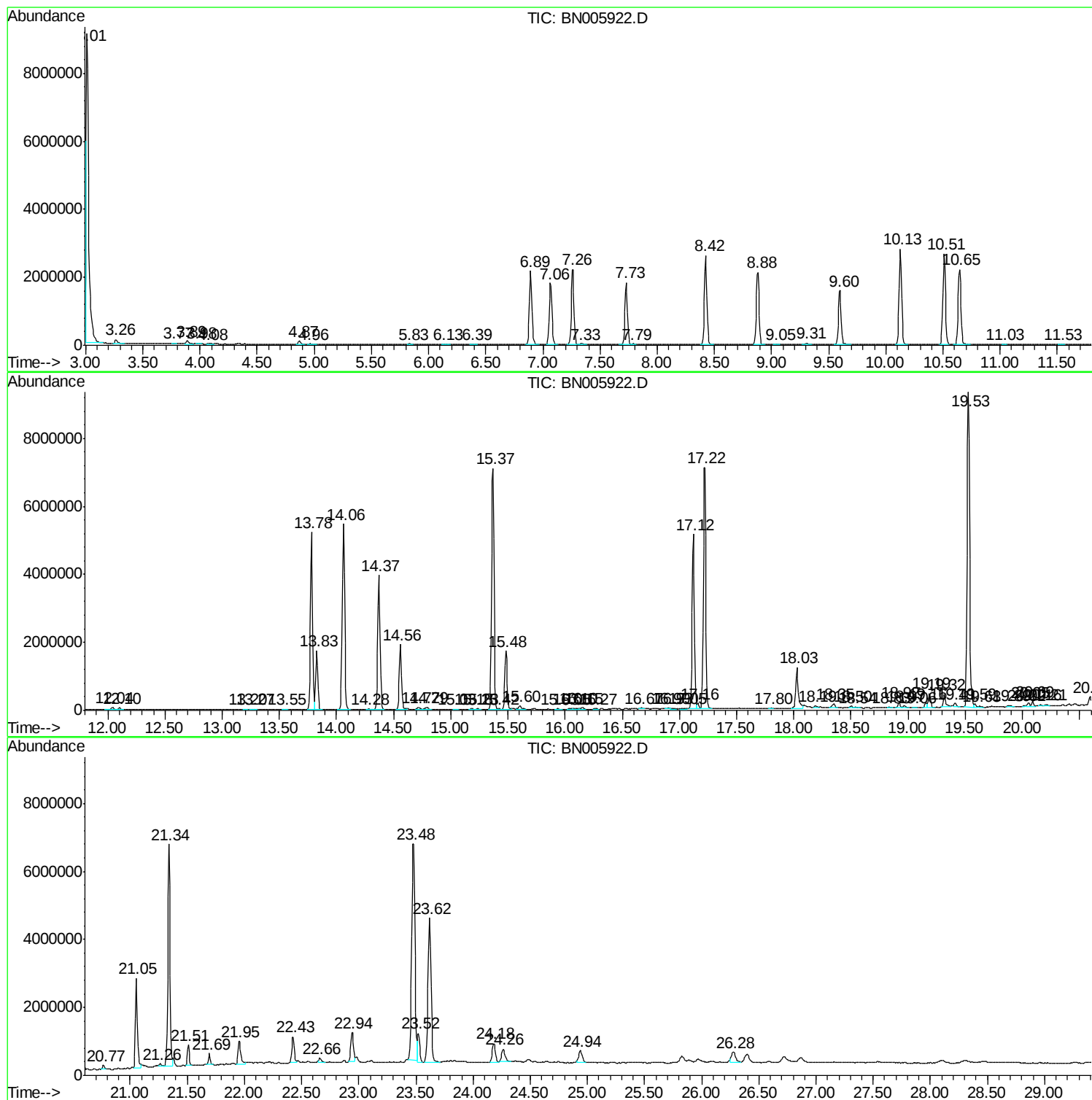
Sum of corrected areas: 167429589

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Instrument :
BNA_N
ClientSampled :
A4268

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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



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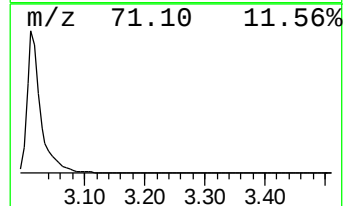
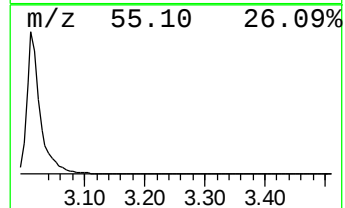
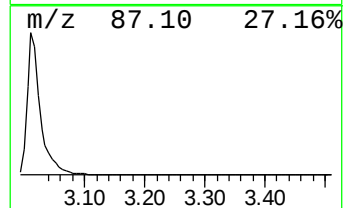
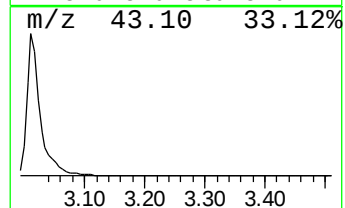
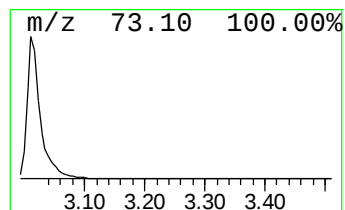
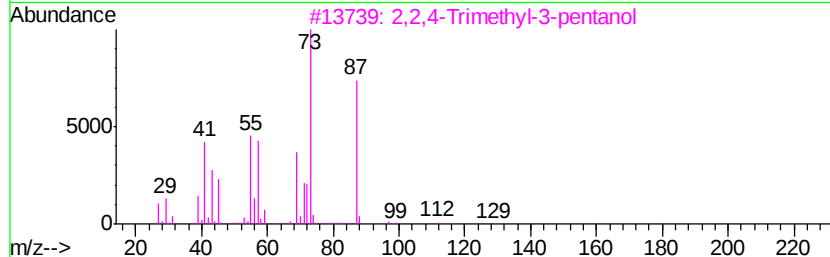
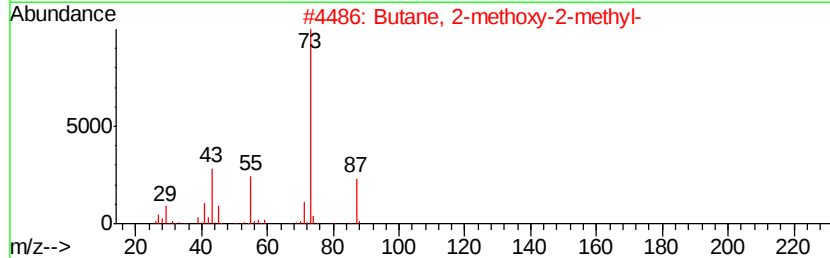
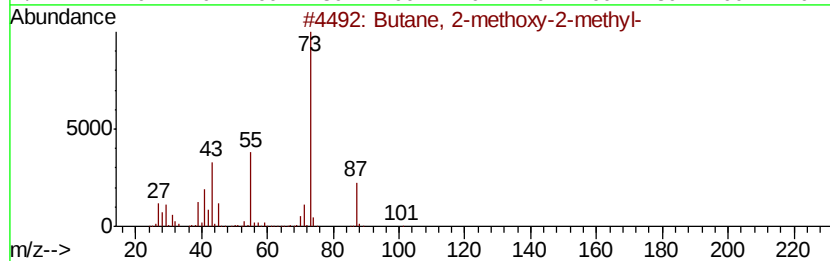
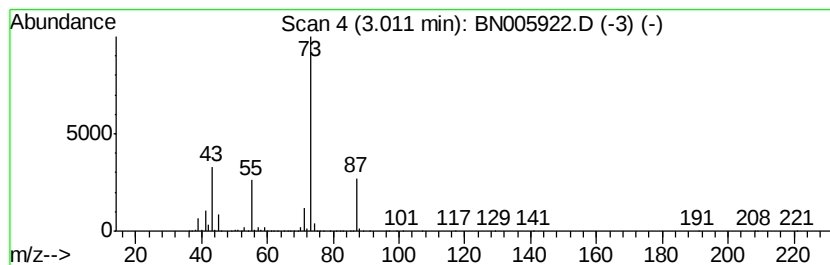
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.01	77.82 ng/ul	11214700	1,4-Dichlorobenzene-d4	7.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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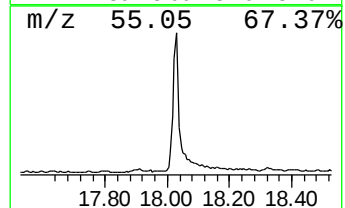
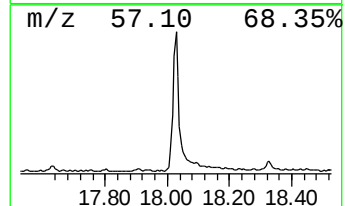
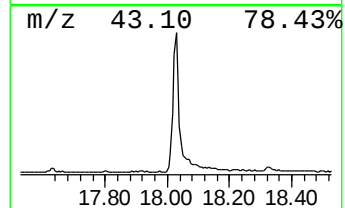
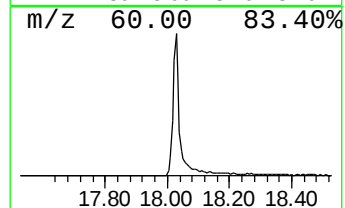
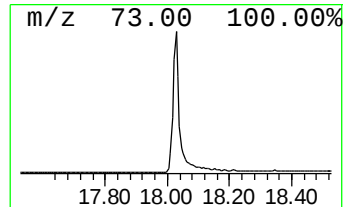
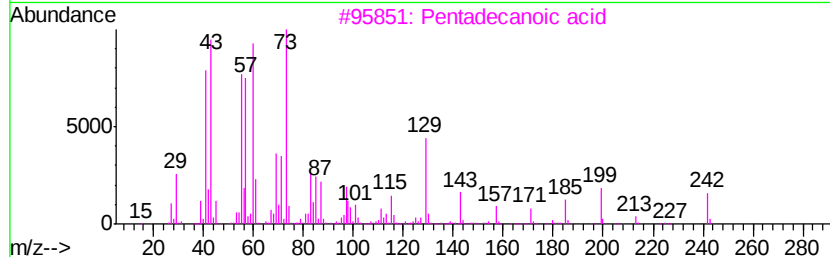
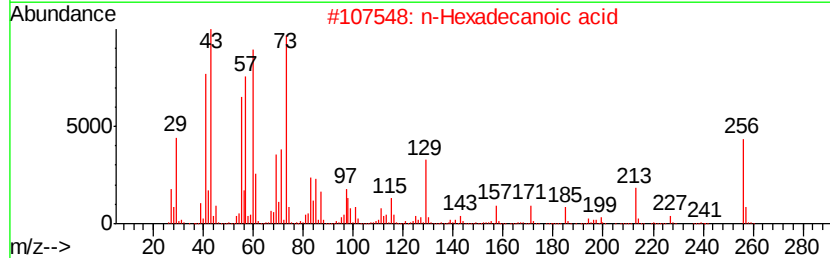
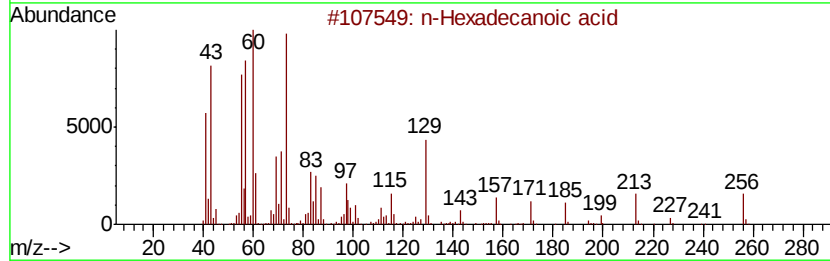
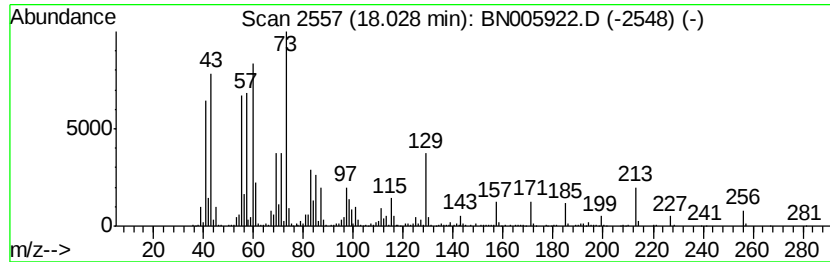
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.03	5.13 ng/ul	1885620	Phenanthrene-d10	17.12		
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	91	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	91	



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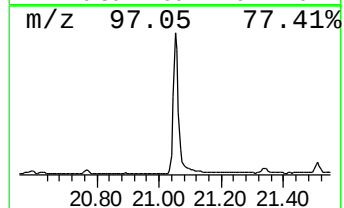
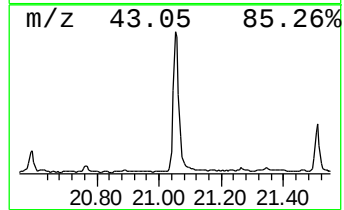
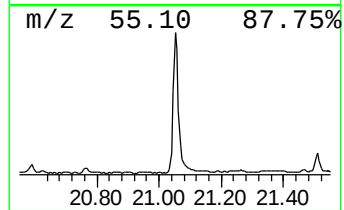
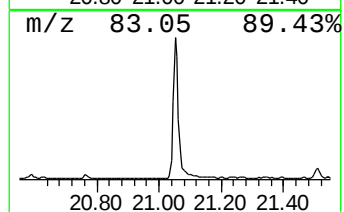
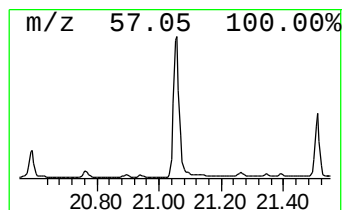
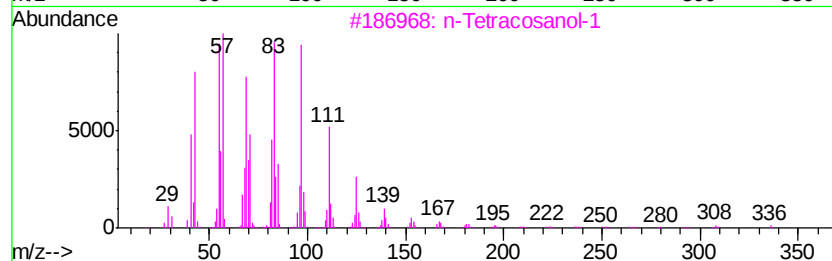
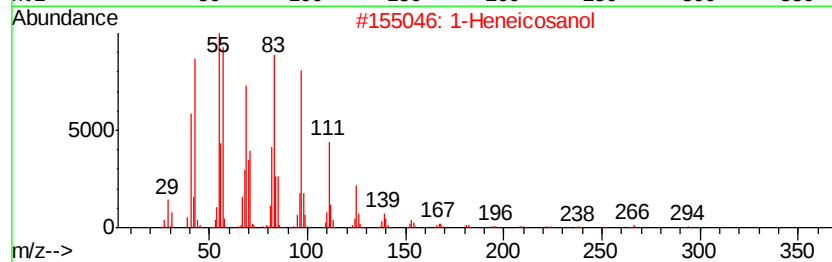
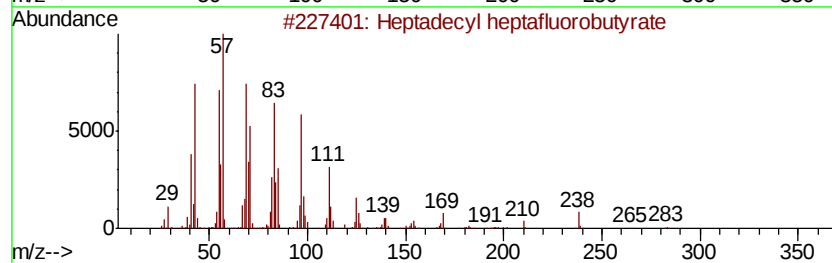
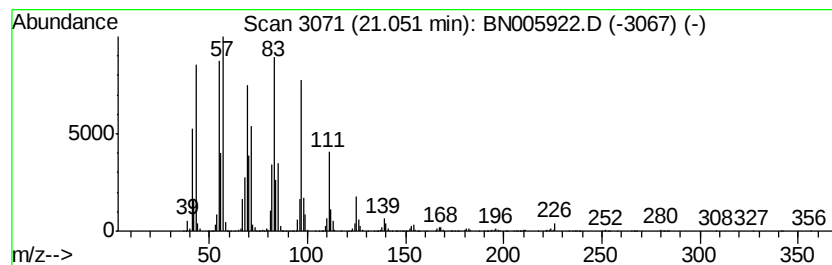
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptadecyl heptafluorobutyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	7.70 ng/ul	3348180	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl heptafluorobutvrate	452	C21H35F7O2	959085-66-6	94
2		1-Heneicosanol	312	C21H44O	015594-90-8	94
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005922.D
Acq On : 29 May 2019 10:25
Operator : JU/SJ
Sample : K2924-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4268

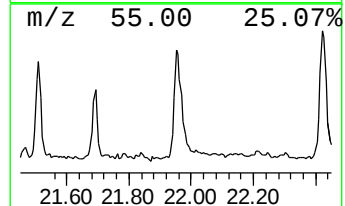
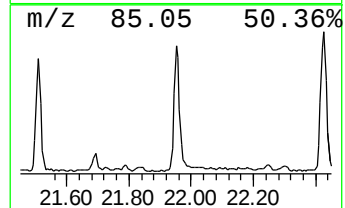
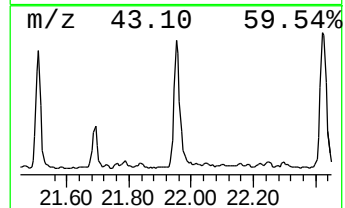
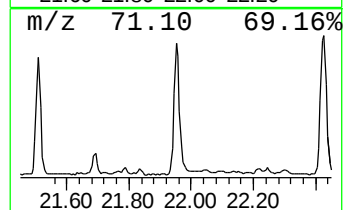
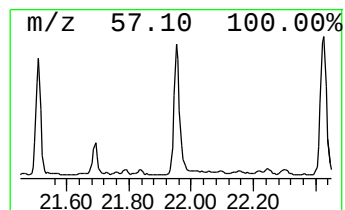
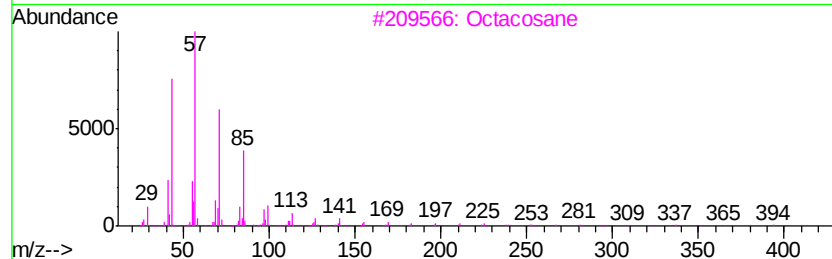
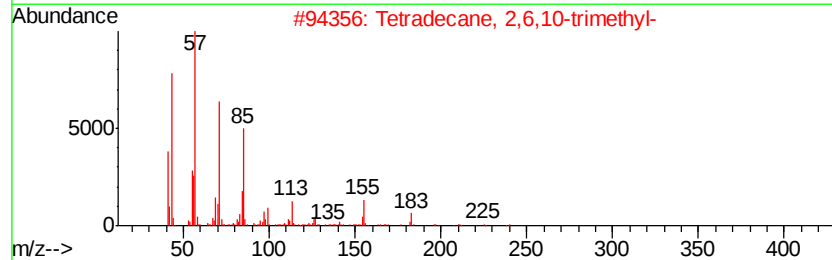
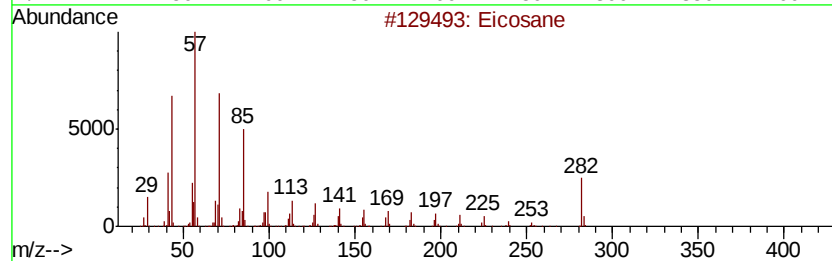
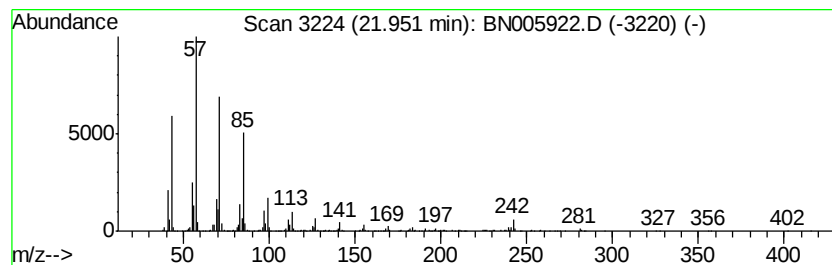
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.95	2.55 ng/ul	1107840	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
3		Octacosane	394	C28H58	000630-02-4	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		2-methyloctacosane	408	C29H60	1000376-72-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005922.D
Acq On : 29 May 2019 10:25
Operator : JU/SJ
Sample : K2924-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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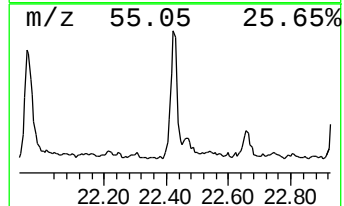
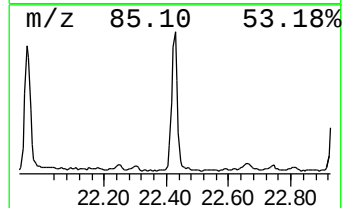
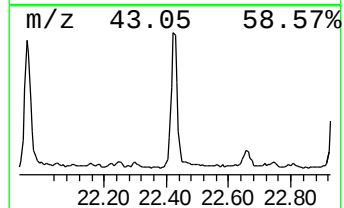
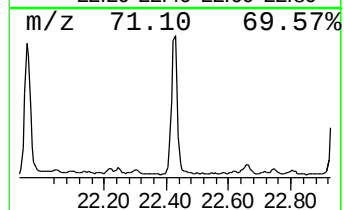
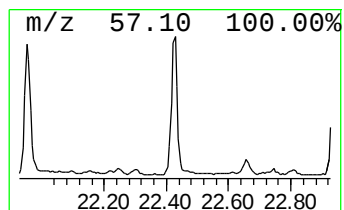
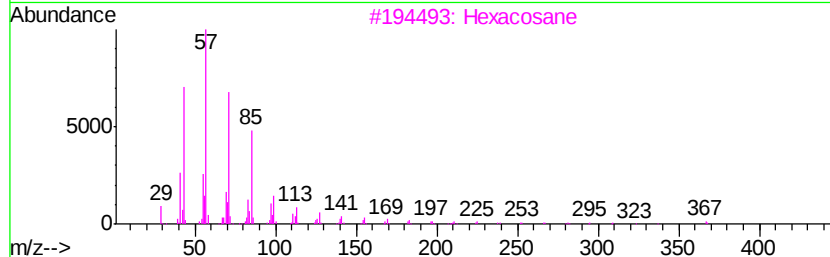
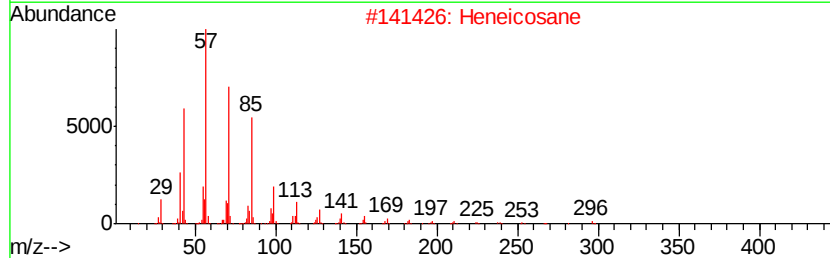
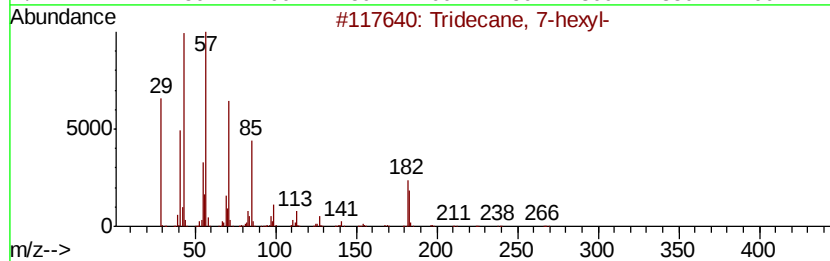
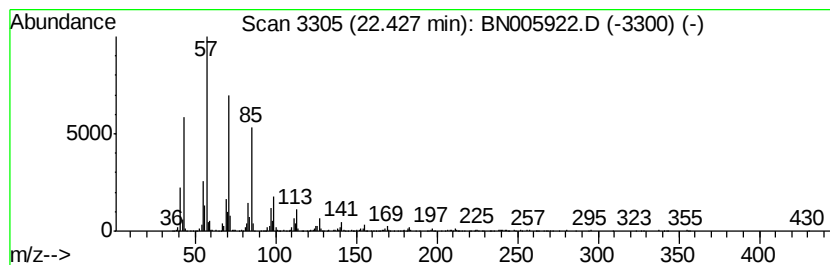
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	2.43 ng/ul	1054570	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	96
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005922.D
Acq On : 29 May 2019 10:25
Operator : JU/SJ
Sample : K2924-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4268

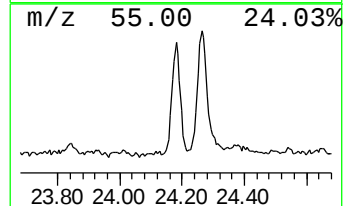
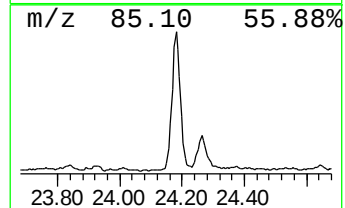
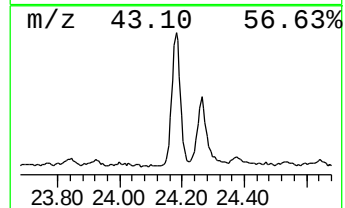
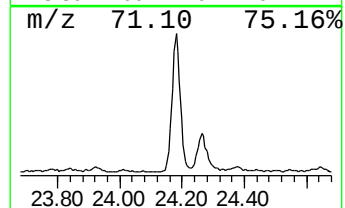
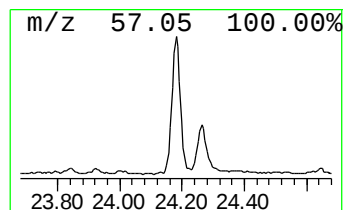
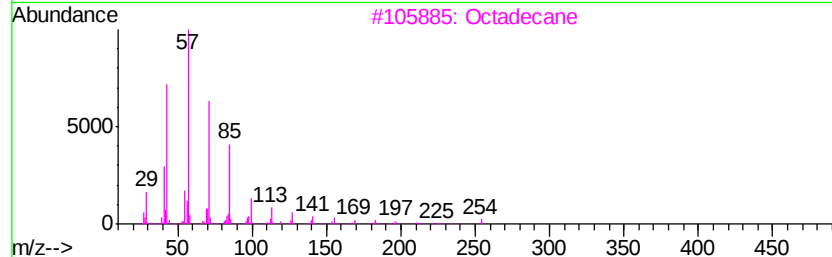
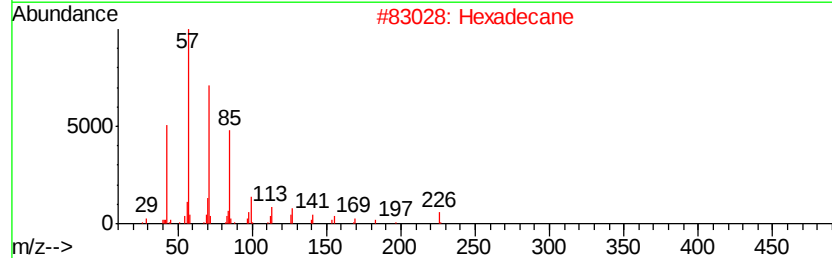
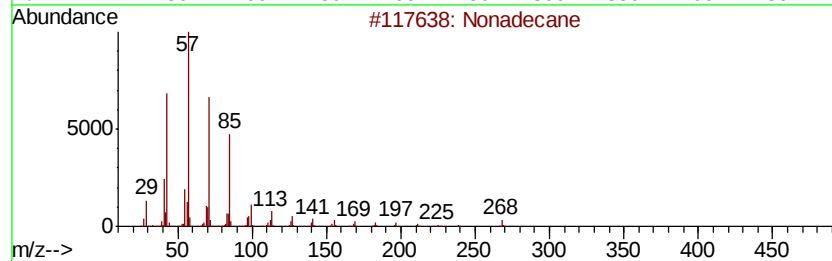
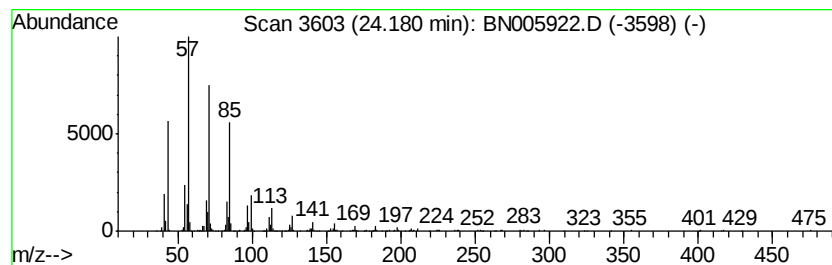
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.18	2.40 ng/ul	985113	Perylene-d12	23.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Hexadecane	226	C16H34	000544-76-3	93
3		Octadecane	254	C18H38	000593-45-3	93
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\
Data File : BN005922.D
Acq On : 29 May 2019 10:25
Operator : JU/SJ
Sample : K2924-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4268

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.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
Butane, 2-methoxy...	3.01	77.8	ng/ul	11214700	1	7.73	2882060	20.0
n-Hexadecanoic acid	18.03	5.1	ng/ul	1885620	4	17.12	7352500	20.0
Heptadecyl heptaf...	21.05	7.7	ng/ul	3348180	5	21.34	8693150	20.0
(DEL) Alkane: Str...	21.95	2.5	ng/ul	1107840	5	21.34	8693150	20.0
(DEL) Alkane: Str...	22.43	2.4	ng/ul	1054570	5	21.34	8693150	20.0
(DEL) Alkane: Str...	24.18	2.4	ng/ul	985113	6	23.62	8198810	20.0