

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062018\
 Data File : BN001880.D
 Acq On : 20 Jun 2018 10:54
 Operator : JU/SJ
 Sample : J3568-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAXN4

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-BN061918.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	3.022	3	6	19	rVB	629899	898802	3.43%	0.194%
2	3.269	44	48	50	rBV	98218	118734	0.45%	0.026%
3	3.305	50	54	66	rVB	515779	730601	2.79%	0.158%
4	4.875	316	321	333	rVB	1129310	1636812	6.25%	0.353%
5	6.863	652	659	665	rBV2	3463005	8687716	33.15%	1.873%
6	6.916	665	668	685	rVV	3355507	5028049	19.19%	1.084%
7	7.058	685	692	707	rVB	1841116	2730486	10.42%	0.589%
8	7.252	718	725	728	rBV	2284782	3920566	14.96%	0.845%
9	7.281	728	730	738	rVV	2069677	2832037	10.81%	0.611%
10	7.716	797	804	811	rBV	1847441	2943336	11.23%	0.635%
11	8.416	916	923	933	rBV	2663528	4239760	16.18%	0.914%
12	8.516	933	940	950	rVB	2433136	3794857	14.48%	0.818%
13	8.863	991	999	1002	rBV	2105047	3568599	13.62%	0.769%
14	8.905	1002	1006	1014	rVV	1794223	2911332	11.11%	0.628%
15	9.310	1069	1075	1080	rBV	54411	85391	0.33%	0.018%
16	9.575	1112	1120	1123	rBV	1640076	2888826	11.02%	0.623%
17	9.610	1123	1126	1135	rVB	1568181	2390577	9.12%	0.515%
18	10.110	1204	1211	1213	rBV	3058108	4948359	18.88%	1.067%
19	10.487	1267	1275	1280	rBV	2800949	5084037	19.40%	1.096%
20	10.540	1280	1284	1291	rVV	2813669	4476403	17.08%	0.965%
21	10.622	1291	1298	1315	rVB	1591367	2768095	10.56%	0.597%
22	10.828	1323	1333	1342	rBV	2867083	4631523	17.67%	0.999%
23	11.775	1485	1494	1507	rBV	5439715	8644832	32.99%	1.864%
24	12.022	1527	1536	1541	rVV3	62067	117207	0.45%	0.025%
25	12.081	1541	1546	1553	rVB2	60641	101368	0.39%	0.022%
26	12.375	1587	1596	1607	rVB	4706851	7460812	28.47%	1.609%
27	12.522	1614	1621	1628	rBV	3142539	4884610	18.64%	1.053%
28	12.769	1656	1663	1669	rVV	4979496	7756362	29.60%	1.672%
29	12.816	1669	1671	1681	rVB5	78894	119318	0.46%	0.026%
30	13.175	1725	1732	1736	rVV	6485850	10497488	40.05%	2.263%
31	13.210	1736	1738	1751	rVV	3213022	4482492	17.10%	0.966%
32	13.763	1825	1832	1836	rVV	5530589	8241032	31.44%	1.777%
33	13.810	1836	1840	1846	rVV	4279777	6018848	22.97%	1.298%
34	13.922	1850	1859	1865	rVV	3429881	4611915	17.60%	0.994%

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35	14.034	1870	1878	1887	rVB	6506105	9812141	37.44%	2.115%
36	14.263	1912	1917	1923	rBV	247114	334743	1.28%	0.072%
37	14.345	1923	1931	1936	rBV2	4016204	6289874	24.00%	1.356%
38	14.410	1936	1942	1949	rVB	5776343	8569610	32.70%	1.848%
39	14.551	1958	1966	1983	rBV2	3801156	7575189	28.90%	1.633%
40	14.745	1989	1999	2009	rVB	4335269	6351577	24.24%	1.369%
41	14.887	2017	2023	2028	rVB2	77254	115248	0.44%	0.025%
42	14.969	2030	2037	2049	rBV	3751878	5366484	20.48%	1.157%
43	15.169	2066	2071	2076	rBV	155217	248562	0.95%	0.054%
44	15.222	2076	2080	2085	rVV	429687	524194	2.00%	0.113%
45	15.339	2093	2100	2105	rVV	8435772	12290006	46.89%	2.650%
46	15.392	2105	2109	2115	rVV	3701820	5323772	20.31%	1.148%
47	15.469	2115	2122	2135	rVV2	4741753	8252651	31.49%	1.779%
48	15.581	2136	2141	2145	rVV2	126540	246703	0.94%	0.053%
49	15.628	2147	2149	2153	rVV	101486	143506	0.55%	0.031%
50	16.039	2213	2219	2222	rBV	90541	147483	0.56%	0.032%
51	16.086	2222	2227	2230	rBV	335901	445918	1.70%	0.096%
52	16.398	2274	2280	2292	rVV	4018287	5986311	22.84%	1.291%
53	16.498	2292	2297	2302	rVB3	75465	132421	0.51%	0.029%
54	16.645	2318	2322	2327	rBV2	53150	86529	0.33%	0.019%
55	16.739	2332	2338	2350	rBV	6143374	8474813	32.34%	1.827%
56	16.875	2357	2361	2366	rBV	249272	330358	1.26%	0.071%
57	16.928	2368	2370	2380	rVB	76624	116850	0.45%	0.025%
58	17.092	2391	2398	2401	rBV	5215226	7573381	28.90%	1.633%
59	17.133	2401	2405	2410	rVV	6165498	8612120	32.86%	1.857%
60	17.192	2410	2415	2418	rVV	9058156	13996445	53.41%	3.018%
61	17.228	2418	2421	2433	rVB	7094507	9179308	35.02%	1.979%
62	17.492	2456	2466	2473	rBV	6225762	9053203	34.54%	1.952%
63	17.569	2473	2479	2484	rVV	5772790	7572611	28.89%	1.633%
64	17.616	2484	2487	2491	rVB	164688	185559	0.71%	0.040%
65	17.786	2511	2516	2521	rVB2	145214	219237	0.84%	0.047%
66	17.898	2529	2535	2543	rBV3	48071	117756	0.45%	0.025%
67	18.004	2549	2553	2559	rBV	356996	543612	2.07%	0.117%
68	18.075	2559	2565	2571	rVB	6049908	7215094	27.53%	1.556%
69	18.310	2600	2605	2609	rBV2	201497	273372	1.04%	0.059%
70	18.504	2632	2638	2644	rVB6	52568	114734	0.44%	0.025%
71	18.875	2696	2701	2708	rBV2	1239414	1743193	6.65%	0.376%

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72	18.963	2708	2716	2720	rVB2	417233	748119	2.85%	0.161%
73	19.104	2736	2740	2741	rBV2	149837	184990	0.71%	0.040%
74	19.157	2742	2749	2760	rVB	14779074	20365395	77.71%	4.391%
75	19.292	2768	2772	2780	rBV	174917	299244	1.14%	0.065%
76	19.380	2780	2787	2788	rBV2	131461	232696	0.89%	0.050%
77	19.492	2800	2806	2808	rBV2	10856490	15827756	60.39%	3.412%
78	19.522	2808	2811	2817	rVB	10834161	14065472	53.67%	3.032%
79	19.645	2829	2832	2838	rVB7	53346	84296	0.32%	0.018%
80	20.039	2895	2899	2901	rBV	142912	217039	0.83%	0.047%
81	20.069	2901	2904	2908	rVB	244228	278239	1.06%	0.060%
82	20.363	2950	2954	2957	rBV3	287520	369539	1.41%	0.080%
83	20.439	2962	2967	2972	rVV	6313177	7081417	27.02%	1.527%
84	20.492	2973	2976	2979	rVB	87642	99336	0.38%	0.021%
85	20.569	2986	2989	2994	rVB	162467	174889	0.67%	0.038%
86	21.027	3063	3067	3080	rBV	909080	1480380	5.65%	0.319%
87	21.233	3097	3102	3105	rBV	9835738	10592924	40.42%	2.284%
88	21.280	3105	3110	3116	rVV2	14159608	26207922	100.00%	5.650%
89	21.333	3116	3119	3128	rVB	10555396	12370397	47.20%	2.667%
90	21.474	3141	3143	3147	rVB2	106677	118631	0.45%	0.026%
91	21.916	3215	3218	3229	rVB2	190382	331500	1.26%	0.071%
92	22.386	3294	3298	3302	rVB	166637	226974	0.87%	0.049%
93	22.510	3316	3319	3324	rVB	220000	256589	0.98%	0.055%
94	22.863	3372	3379	3389	rBV	7313642	12840303	48.99%	2.768%
95	23.392	3461	3469	3473	rBV	6779001	13543905	51.68%	2.920%
96	23.439	3473	3477	3486	rVV	5773574	10750965	41.02%	2.318%
97	23.533	3486	3493	3503	rVB	3661719	7002592	26.72%	1.510%
98	24.121	3588	3593	3602	rVB	407089	782291	2.98%	0.169%
99	24.874	3716	3721	3731	rVB2	265035	607155	2.32%	0.131%
100	25.774	3863	3874	3889	rVB2	6116709	18878871	72.03%	4.070%

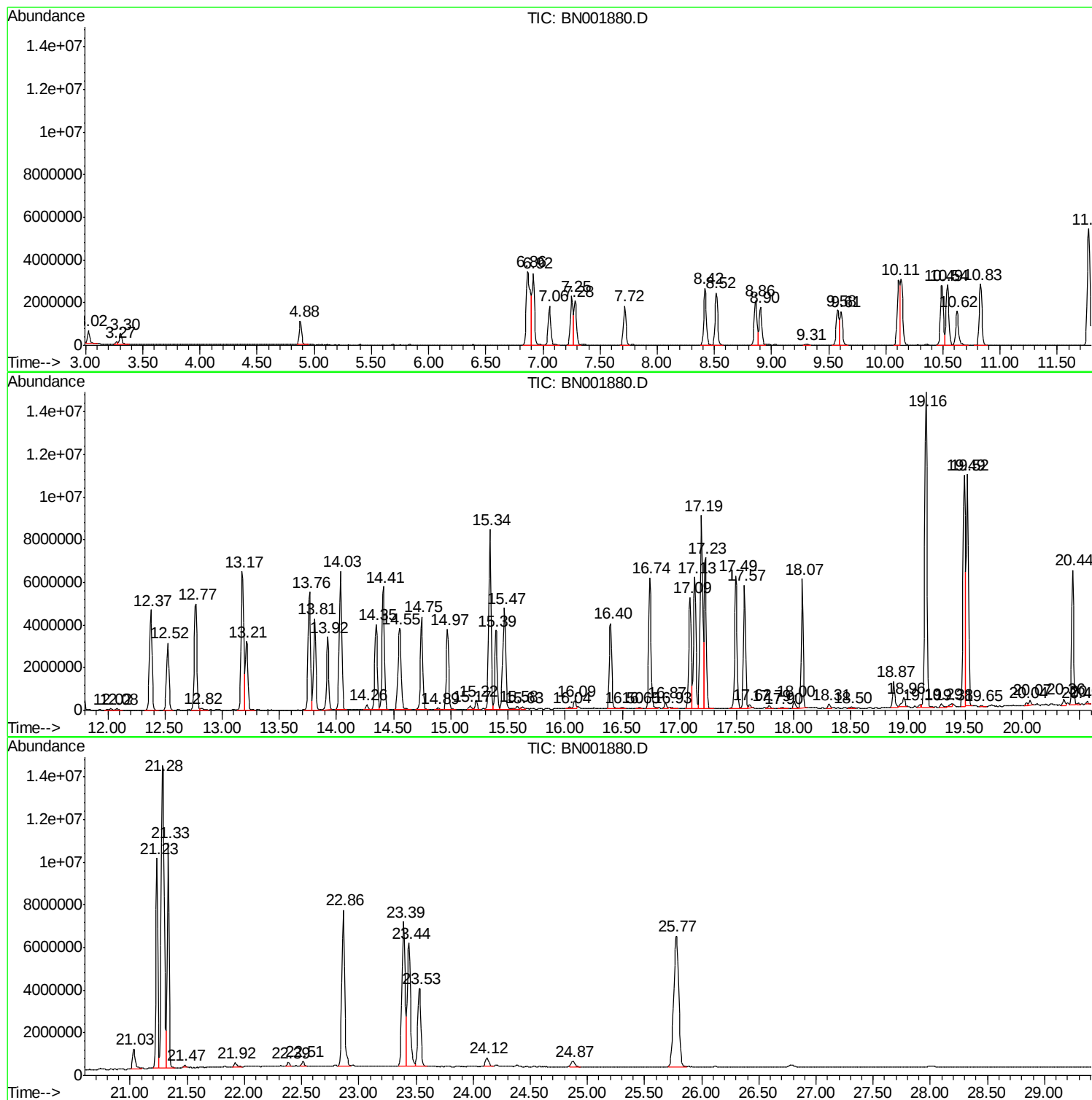
Sum of corrected areas: 463835576

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BNA_N
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

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



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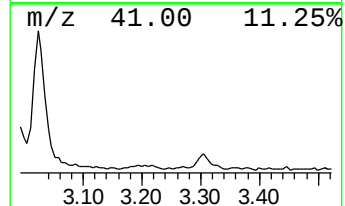
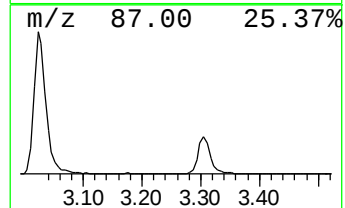
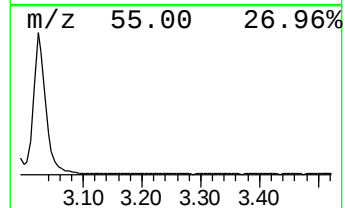
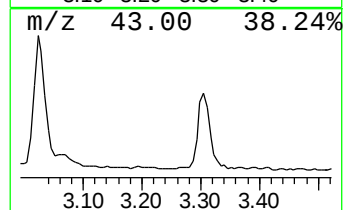
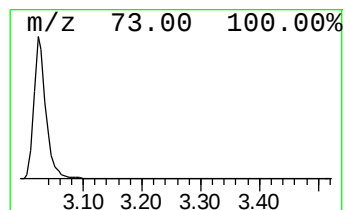
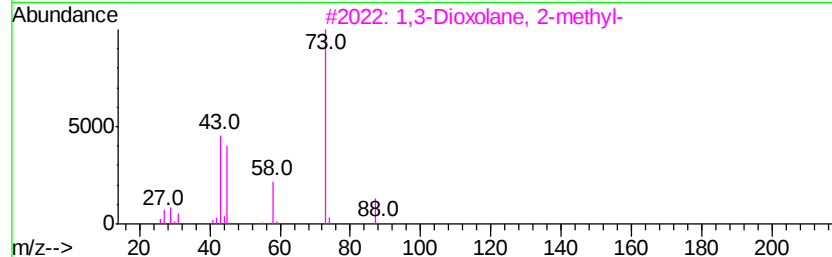
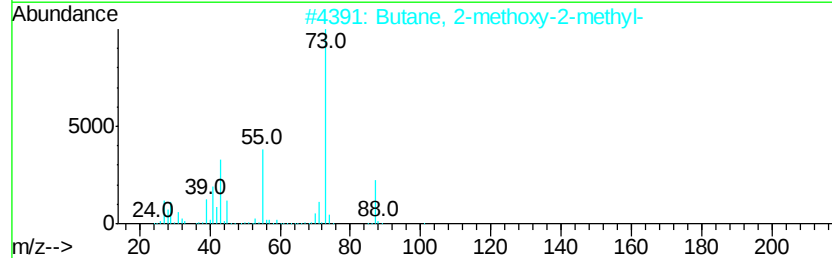
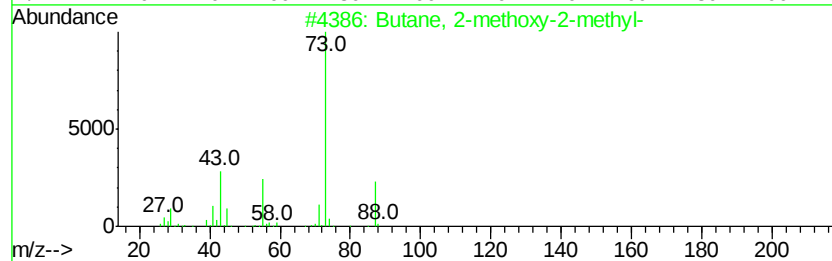
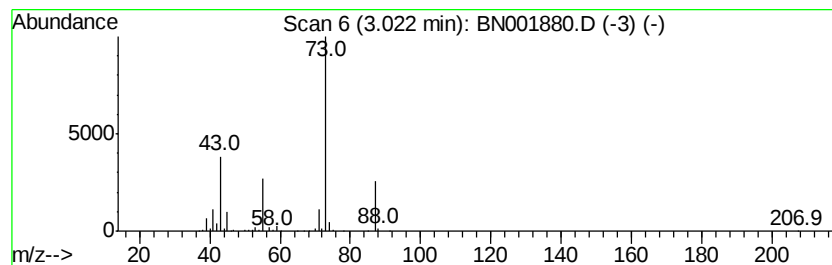
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	6.11 ng/ul	898802	1,4-Dichlorobenzene-d4	7.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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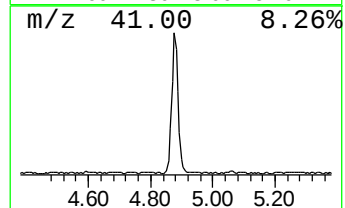
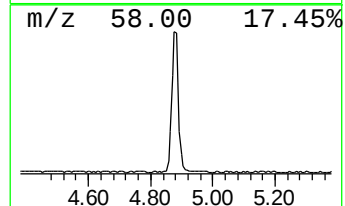
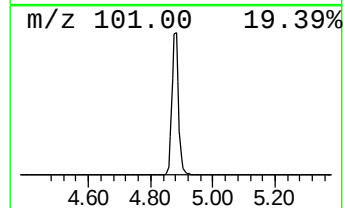
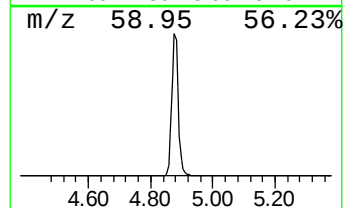
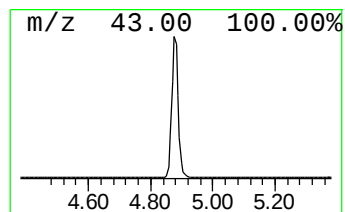
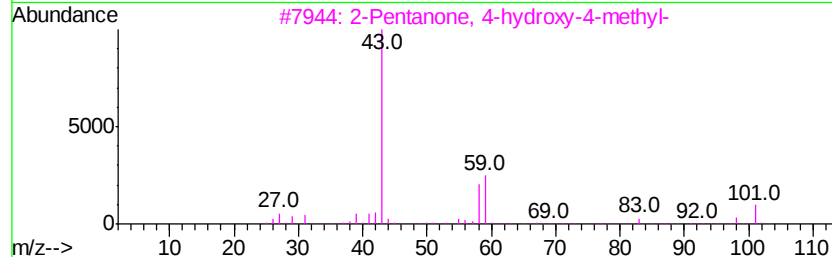
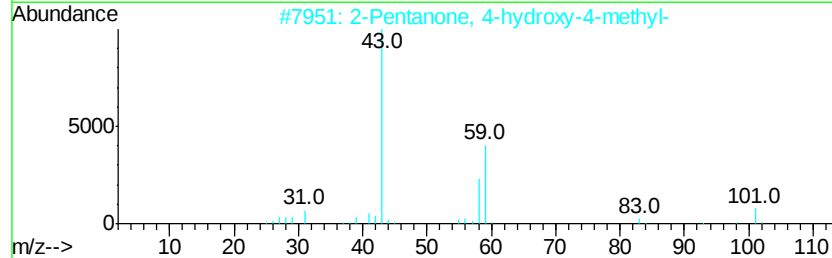
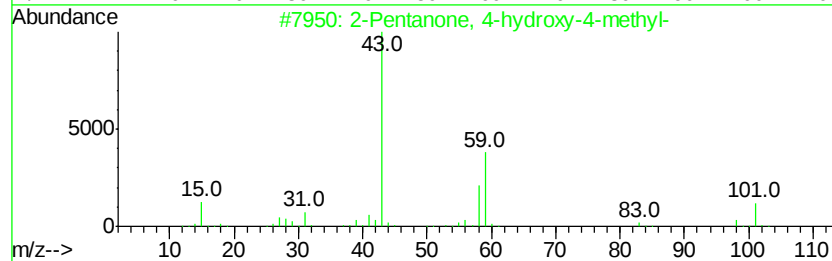
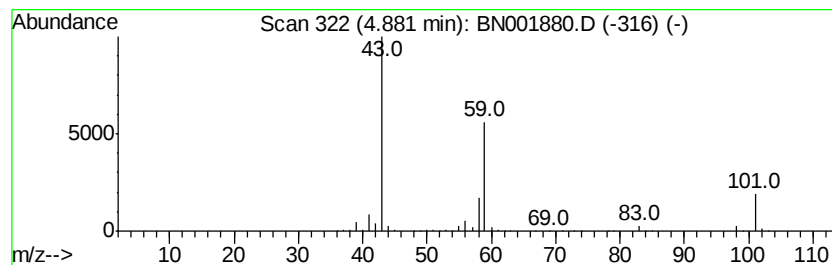
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	11.12 ng/ul	1636810	1,4-Dichlorobenzene-d4	7.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	37
4			Propane, 2-methyl-2-(1-methylethyl)-	116	C7H16O	017348-59-3	33
5			Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	25



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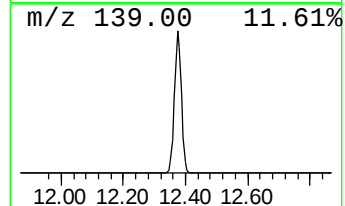
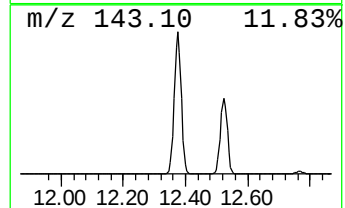
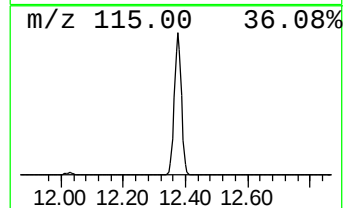
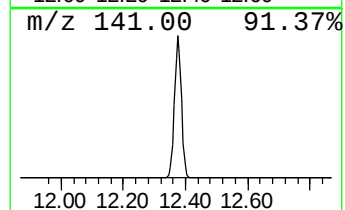
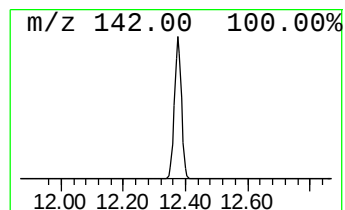
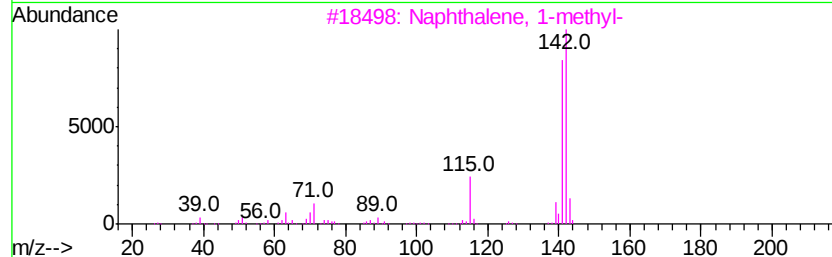
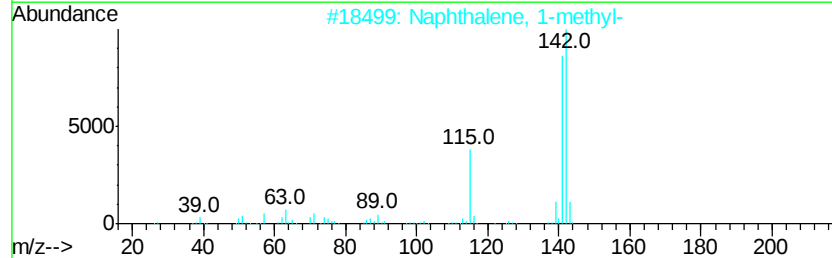
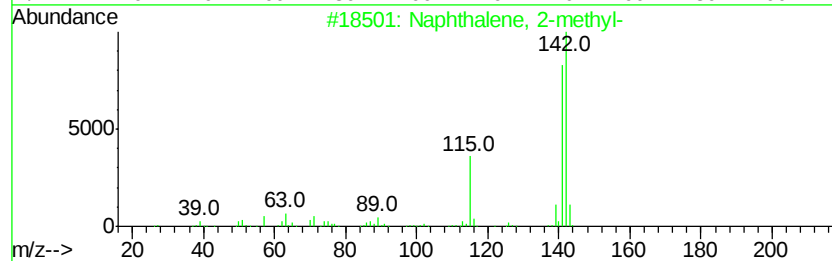
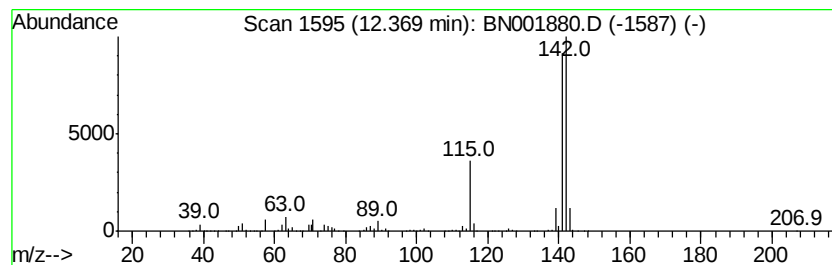
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	29.35 ng/ul	7460810	Naphthalene-d8	10.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062018\
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Acq On : 20 Jun 2018 10:54
Operator : JU/SJ
Sample : J3568-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

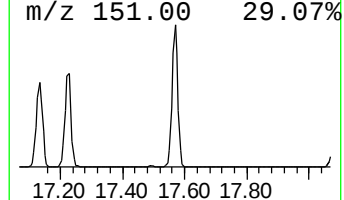
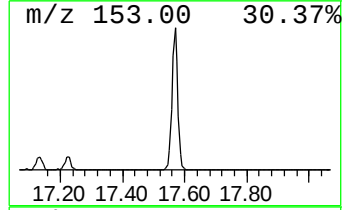
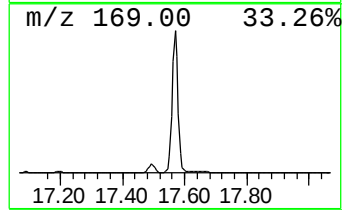
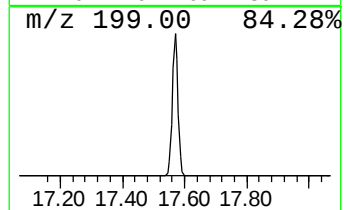
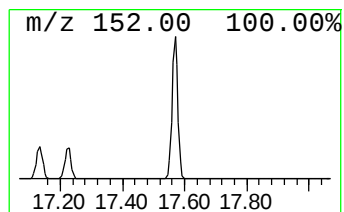
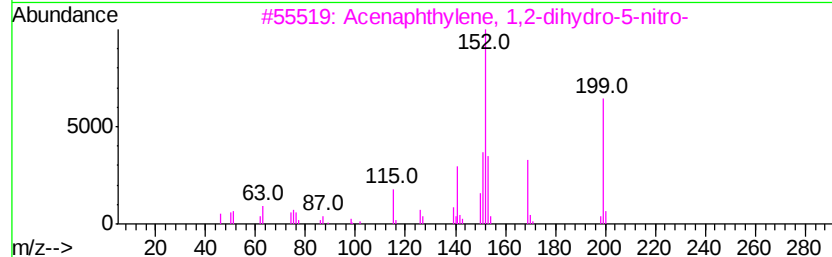
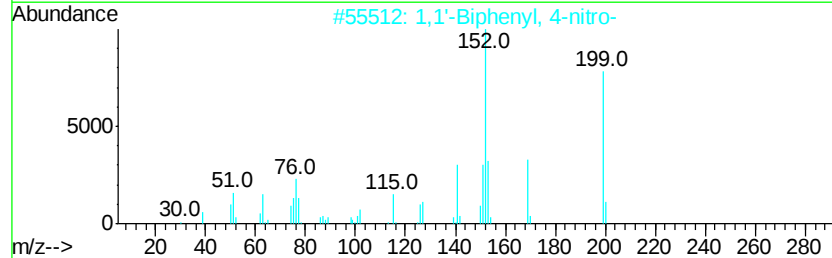
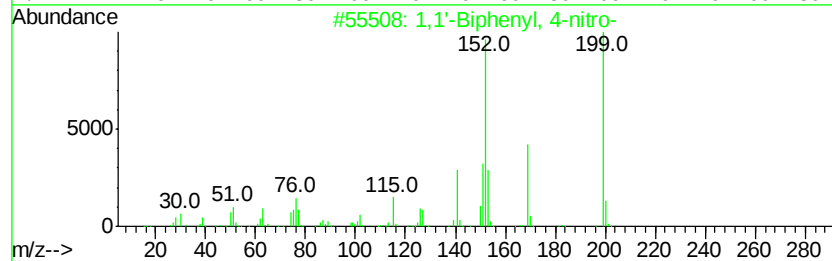
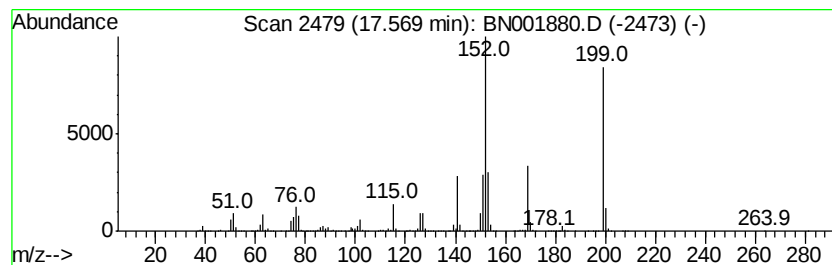
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 1,1'-Biphenyl, 4-nitro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.57	20.00 ng/ul	7572610	Phenanthrene-d10	17.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	99
2	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	98
3	Acenaphthylene, 1,2-dihydro-5-ni...	199	C12H9NO2	000602-87-9	93
4	1,1'-Biphenyl, 3-nitro-	199	C12H9NO2	002113-58-8	89
5	Acenaphthylene, 1,2-dihydro-5-ni...	199	C12H9NO2	000602-87-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062018\
Data File : BN001880.D
Acq On : 20 Jun 2018 10:54
Operator : JU/SJ
Sample : J3568-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAXN4

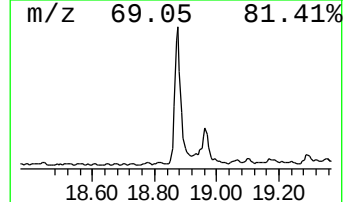
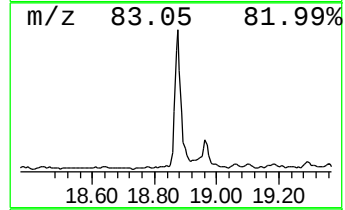
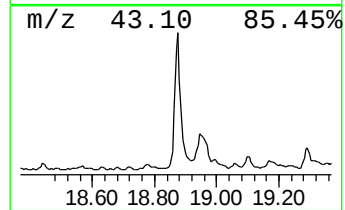
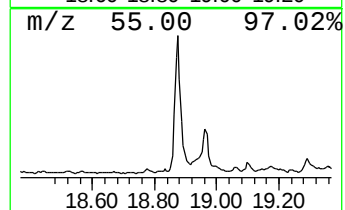
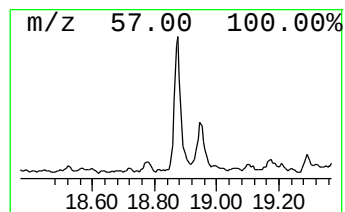
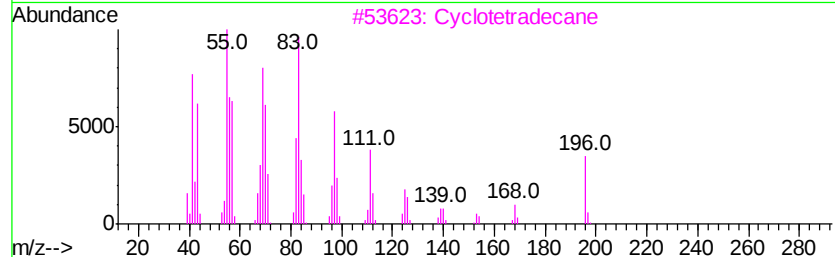
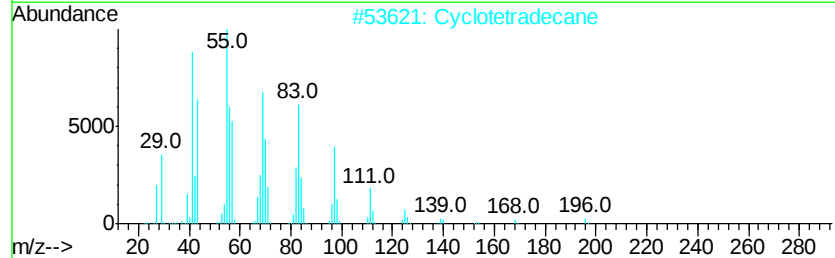
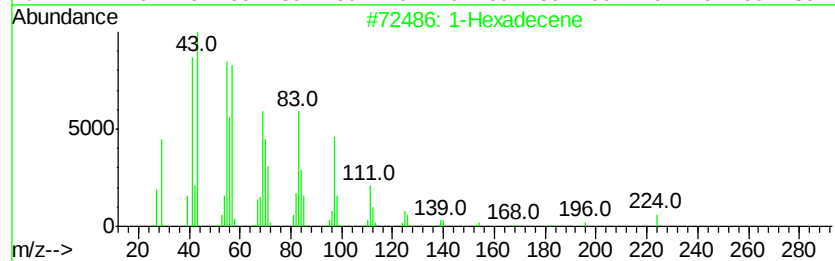
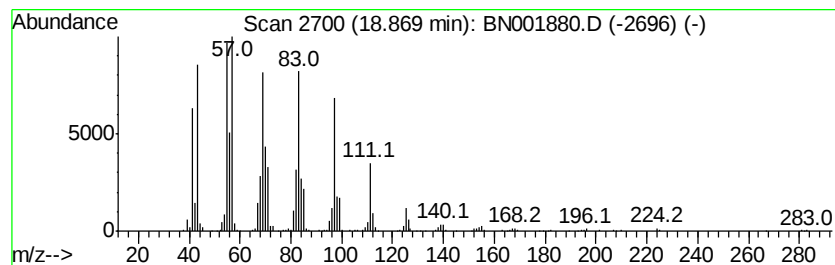
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	4.60 ng/ul	1743190	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexadecene	224	C16H32	000629-73-2	96
2		Cyclotetradecane	196	C14H28	000295-17-0	94
3		Cyclotetradecane	196	C14H28	000295-17-0	94
4		1-Octadecanol	270	C18H38O	000112-92-5	94
5		Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	94



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Sample : J3568-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAXN4

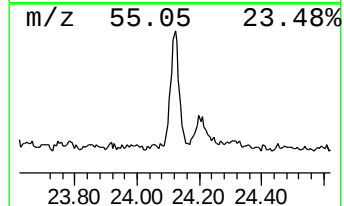
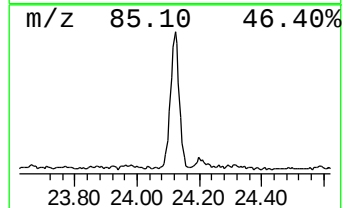
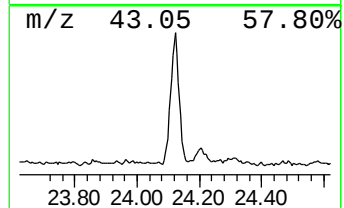
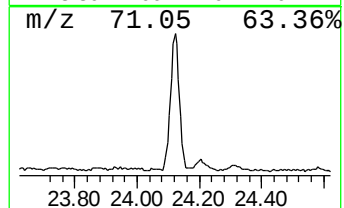
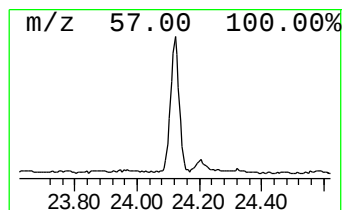
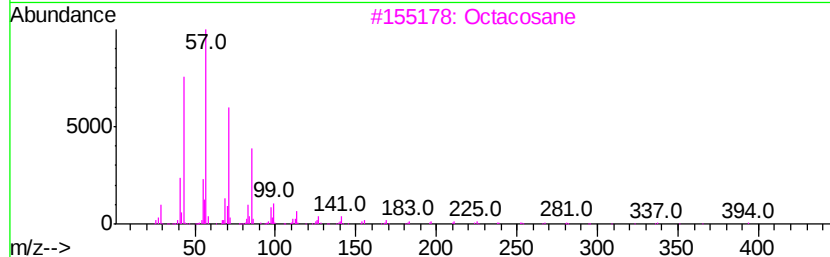
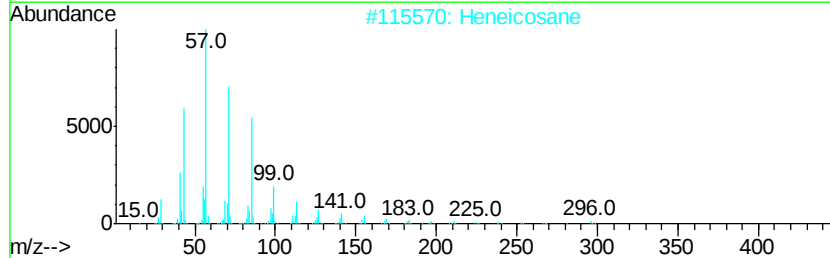
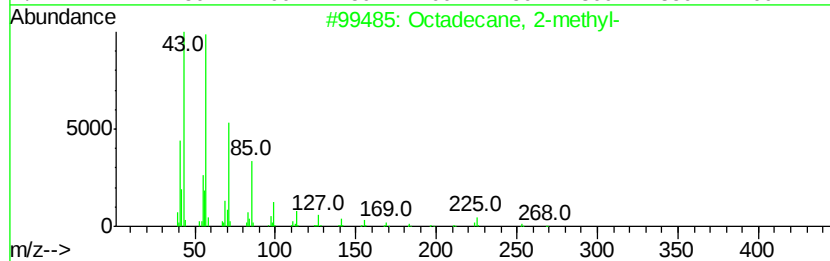
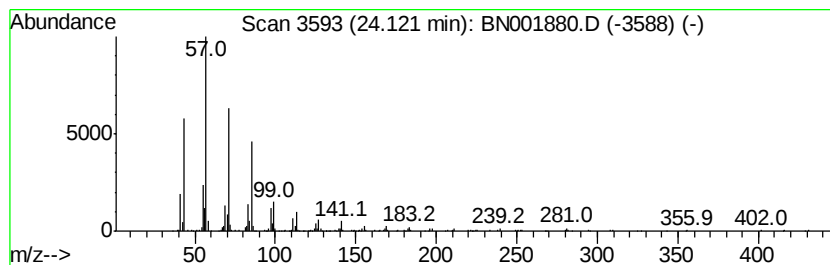
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
24.12	2.23 ng/ul	782291	Perylene-d12	23.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
2			Heneicosane	296	C21H44	000629-94-7	90
3			Octacosane	394	C28H58	000630-02-4	90
4			Eicosane	282	C20H42	000112-95-8	89
5			Docosane	310	C22H46	000629-97-0	87



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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAXN4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.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
Butane, 2-methoxy...	3.02	6.1	ng/ul	898802	1	7.72	2943340	20.0
2-Pentanone, 4-hy...	4.88	11.1	ng/ul	1636810	1	7.72	2943340	20.0
Naphthalene, 1-me...	12.37	29.4	ng/ul	7460810	2	10.49	5084040	20.0
1,1'-Biphenyl, 4-...	17.57	20.0	ng/ul	7572610	4	17.09	7573380	20.0
(DEL) Alkane: Str...	18.87	4.6	ng/ul	1743190	4	17.09	7573380	20.0
(DEL) Alkane: Str...	24.12	2.2	ng/ul	782291	6	23.53	7002590	20.0