

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
 Data File : BN000636.D
 Acq On : 27 Mar 2018 00:28
 Operator : JU/SJ
 Sample : J1986-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEEH5

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:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.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	3.584	20	25	34	rVB	51932	79472	1.72%	0.146%
2	4.167	119	124	131	rBV	9478	14639	0.32%	0.027%
3	4.296	141	146	152	rVB2	7021	12528	0.27%	0.023%
4	4.408	160	165	171	rVB	8772	12192	0.26%	0.022%
5	5.402	326	334	340	rBV2	76465	120994	2.62%	0.223%
6	6.414	500	506	512	rBV	20133	32775	0.71%	0.060%
7	6.561	523	531	538	rBV3	5421	12660	0.27%	0.023%
8	6.996	599	605	611	rVB3	4093	6452	0.14%	0.012%
9	7.555	691	700	715	rBV2	787811	1539415	33.39%	2.831%
10	7.714	720	727	736	rVV	770254	1211423	26.27%	2.228%
11	7.931	758	764	773	rBV	882219	1438497	31.20%	2.646%
12	8.408	838	845	857	rVB	629417	1043684	22.64%	1.920%
13	9.119	959	966	975	rBV	893186	1480260	32.11%	2.723%
14	9.590	1039	1046	1055	rBV	857240	1452775	31.51%	2.672%
15	9.678	1055	1061	1065	rBV4	7033	10646	0.23%	0.020%
16	9.943	1099	1106	1111	rVB2	20054	27731	0.60%	0.051%
17	10.319	1163	1170	1183	rBV	710609	1200626	26.04%	2.208%
18	10.866	1256	1263	1273	rBV	1015794	1769736	38.38%	3.255%
19	11.249	1320	1328	1336	rBV	926087	1558487	33.80%	2.866%
20	11.378	1342	1350	1362	rBV	1017582	1769248	38.37%	3.254%
21	12.607	1553	1559	1566	rBV4	21682	37766	0.82%	0.069%
22	12.807	1587	1593	1599	rBV	18117	27178	0.59%	0.050%
23	13.378	1687	1690	1697	rVB3	3932	7121	0.15%	0.013%
24	13.619	1727	1731	1735	rBV2	6170	8968	0.19%	0.016%
25	13.819	1759	1765	1771	rBV	21614	29964	0.65%	0.055%
26	13.896	1771	1778	1783	rBV5	5009	11641	0.25%	0.021%
27	14.419	1857	1867	1871	rBV	1795455	2588784	56.15%	4.761%
28	14.460	1871	1874	1880	rVV	403122	557776	12.10%	1.026%
29	14.507	1880	1882	1890	rVB	11804	15837	0.34%	0.029%
30	14.584	1890	1895	1900	rBV	7319	10847	0.24%	0.020%
31	14.643	1900	1905	1906	rBV3	6031	9004	0.20%	0.017%
32	14.731	1913	1920	1930	rVB	2119659	3287191	71.30%	6.046%
33	14.878	1940	1945	1951	rVB	93903	114980	2.49%	0.211%
34	14.948	1953	1957	1963	rBV6	6868	11732	0.25%	0.022%

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Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
 Title : SVOA CALIBRATION

35	15.031	1964	1971	1979	rBV2	1314358	2021658	43.85%	3.718%
36	15.219	1997	2003	2013	rBV	654499	993065	21.54%	1.827%
37	15.307	2013	2018	2025	rVV5	22945	58982	1.28%	0.108%
38	15.372	2025	2029	2035	rVV4	15268	29138	0.63%	0.054%
39	15.425	2035	2038	2043	rVB2	14054	19715	0.43%	0.036%
40	15.490	2043	2049	2057	rBV4	21551	38419	0.83%	0.071%
41	15.560	2057	2061	2066	rVB2	10993	14558	0.32%	0.027%
42	15.713	2082	2087	2092	rBV4	4950	8577	0.19%	0.016%
43	15.778	2093	2098	2101	rBV	21743	31155	0.68%	0.057%
44	15.819	2101	2105	2110	rVB	130281	159223	3.45%	0.293%
45	15.878	2110	2115	2119	rBV5	8192	13063	0.28%	0.024%
46	15.931	2119	2124	2131	rVB6	5007	10406	0.23%	0.019%
47	16.013	2131	2138	2145	rBV	2582857	3818891	82.83%	7.024%
48	16.131	2152	2158	2166	rBV	656218	946964	20.54%	1.742%
49	16.219	2166	2173	2176	rVV2	33839	74872	1.62%	0.138%
50	16.248	2176	2178	2183	rVB2	32841	38632	0.84%	0.071%
51	16.313	2185	2189	2195	rVB3	10147	15870	0.34%	0.029%
52	16.366	2195	2198	2202	rBV3	13914	19285	0.42%	0.035%
53	16.437	2207	2210	2214	rVB2	15844	17416	0.38%	0.032%
54	16.672	2245	2250	2261	rBV	117661	189210	4.10%	0.348%
55	16.866	2280	2283	2287	rVB3	9467	11626	0.25%	0.021%
56	16.948	2291	2297	2301	rBV7	9069	17047	0.37%	0.031%
57	17.037	2303	2312	2316	rVV3	23722	46019	1.00%	0.085%
58	17.072	2316	2318	2322	rVB3	8907	9421	0.20%	0.017%
59	17.125	2322	2327	2332	rVB5	6908	13627	0.30%	0.025%
60	17.178	2332	2336	2342	rBV3	9898	14160	0.31%	0.026%
61	17.242	2343	2347	2349	rBV4	7481	9117	0.20%	0.017%
62	17.272	2349	2352	2358	rVB2	17727	26046	0.56%	0.048%
63	17.460	2380	2384	2389	rBV	59326	77782	1.69%	0.143%
64	17.513	2389	2393	2396	rVV	16778	26450	0.57%	0.049%
65	17.542	2396	2398	2404	rVB	10176	13850	0.30%	0.025%
66	17.613	2404	2410	2415	rBV6	5623	11683	0.25%	0.021%
67	17.754	2422	2434	2441	rBV2	1620221	2381957	51.66%	4.381%
68	17.854	2444	2451	2459	rVV2	2754406	4041691	87.66%	7.434%
69	17.925	2461	2463	2467	rVV4	5166	7635	0.17%	0.014%
70	17.995	2471	2475	2482	rVB4	6857	11526	0.25%	0.021%
71	18.189	2505	2508	2513	rBV	23038	26678	0.58%	0.049%

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72	18.478	2551	2557	2563	rBV7	7282	16534	0.36%	0.030%
73	18.531	2563	2566	2571	rBV2	10535	16049	0.35%	0.030%
74	18.589	2571	2576	2586	rBV	267862	391354	8.49%	0.720%
75	18.666	2586	2589	2593	rVB	16263	22338	0.48%	0.041%
76	18.872	2619	2624	2627	rBV3	6548	10830	0.23%	0.020%
77	18.913	2627	2631	2634	rVV3	6101	7422	0.16%	0.014%
78	18.966	2637	2640	2644	rVV3	5853	8692	0.19%	0.016%
79	19.489	2726	2729	2733	rBV5	6810	8125	0.18%	0.015%
80	19.707	2761	2766	2767	rBV4	14425	21762	0.47%	0.040%
81	19.742	2767	2772	2777	rVB	43142	75581	1.64%	0.139%
82	19.836	2784	2788	2803	rBV	74069	137456	2.98%	0.253%
83	19.995	2811	2815	2820	rVB	39391	51141	1.11%	0.094%
84	20.107	2828	2834	2846	rBV	3182047	4610673	100.00%	8.480%
85	20.578	2912	2914	2919	rVB3	13764	15787	0.34%	0.029%
86	20.978	2974	2982	2985	rBV6	34822	84285	1.83%	0.155%
87	21.066	2992	2997	3001	rVV4	27604	47427	1.03%	0.087%
88	21.101	3001	3003	3007	rVB5	16832	16511	0.36%	0.030%
89	21.530	3072	3076	3088	rBV2	169026	293032	6.36%	0.539%
90	21.736	3107	3111	3115	rVB	271929	301155	6.53%	0.554%
91	21.877	3129	3135	3141	rBV	1951039	2710059	58.78%	4.985%
92	22.130	3174	3178	3182	rBV	309639	389562	8.45%	0.717%
93	22.377	3215	3220	3224	rBV	134325	188496	4.09%	0.347%
94	22.948	3314	3317	3328	rVB2	73149	116698	2.53%	0.215%
95	23.507	3408	3412	3421	rVB2	119898	233280	5.06%	0.429%
96	24.136	3515	3519	3522	rBV	111660	188045	4.08%	0.346%
97	24.201	3522	3530	3540	rVB2	2110123	4487389	97.33%	8.254%
98	24.354	3548	3556	3567	rVB2	1183405	2587004	56.11%	4.758%
99	24.860	3637	3642	3653	rVB2	133304	278444	6.04%	0.512%
100	25.701	3780	3785	3793	rVB	123139	275629	5.98%	0.507%

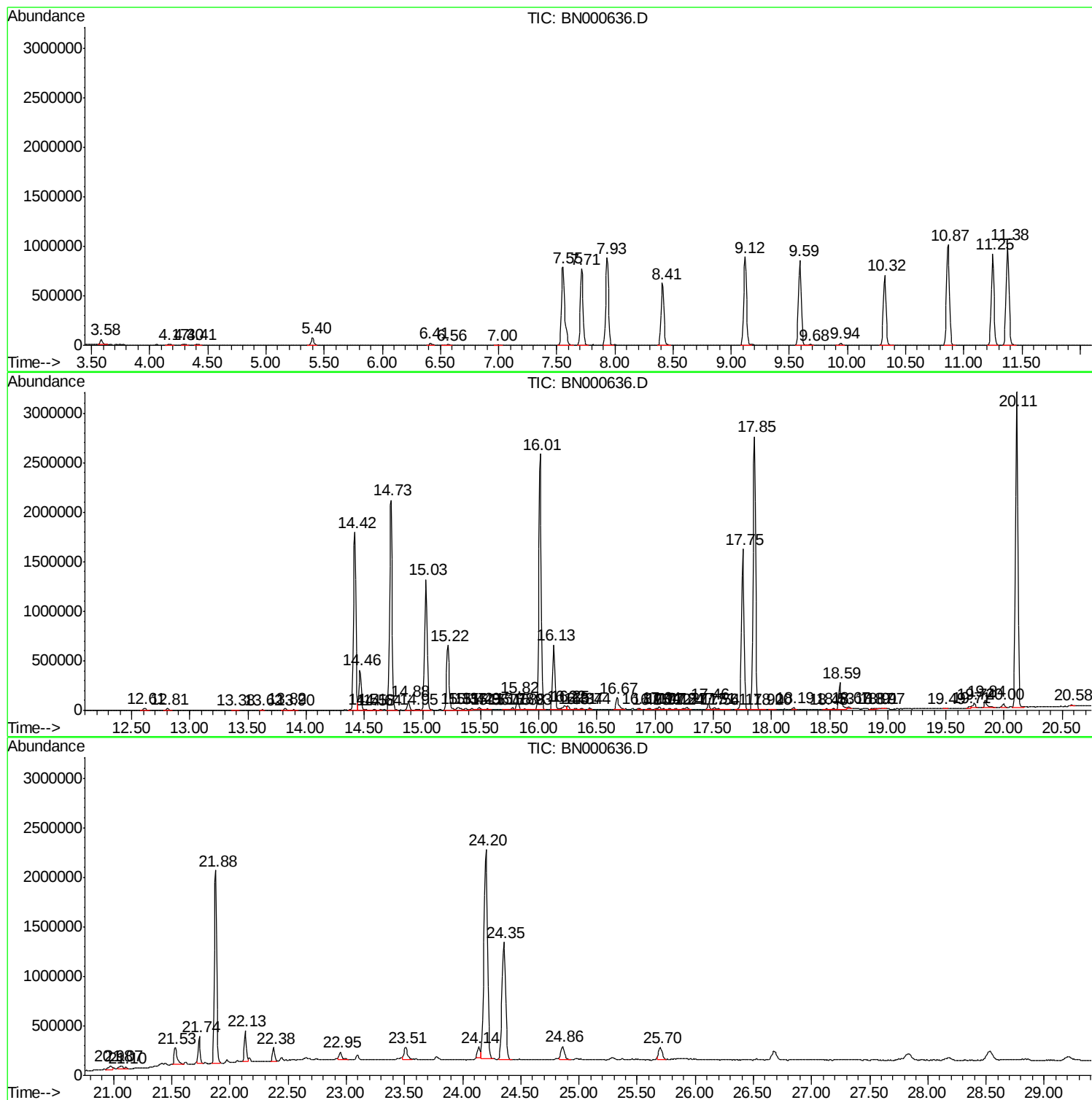
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Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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



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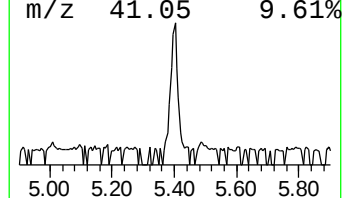
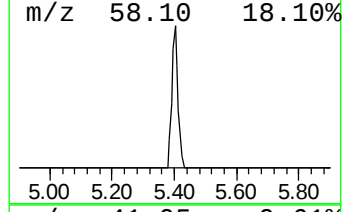
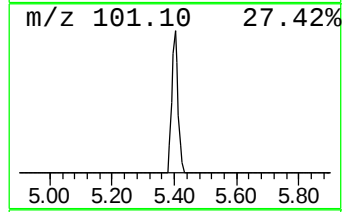
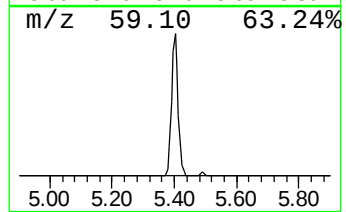
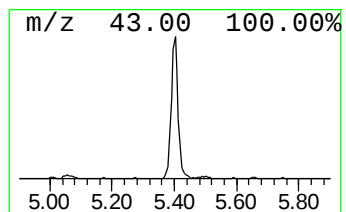
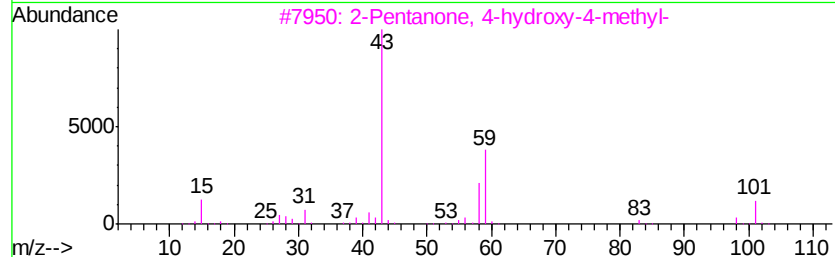
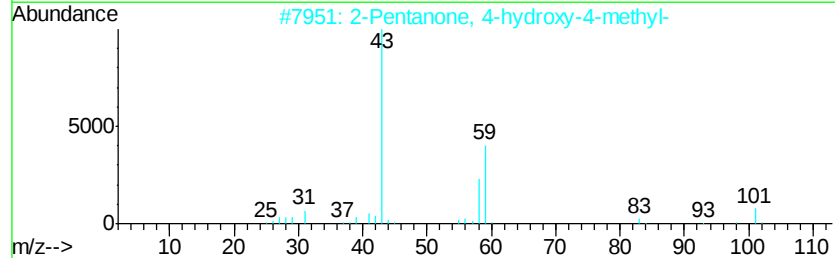
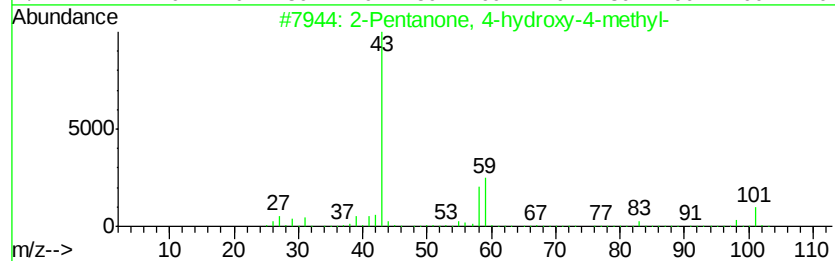
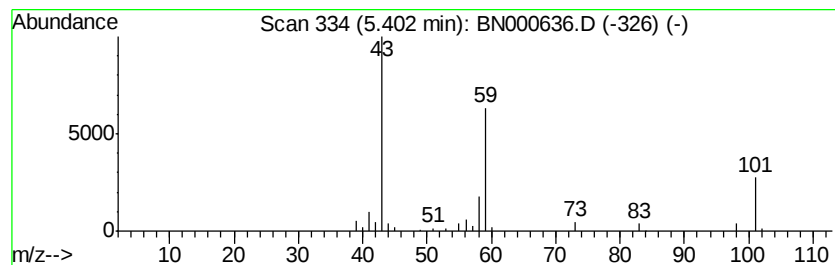
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.40	2.32 ng/ul	120994	1,4-Dichlorobenzene-d4	8.41

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	53		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50		
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	37		
5	3-Hexanol	102	C6H14O	000623-37-0	25		



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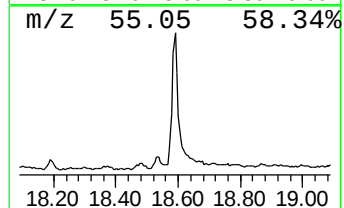
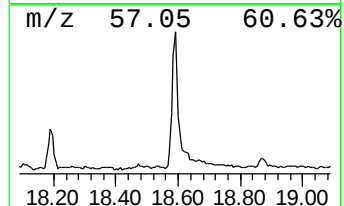
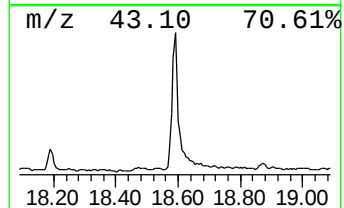
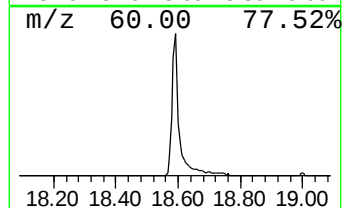
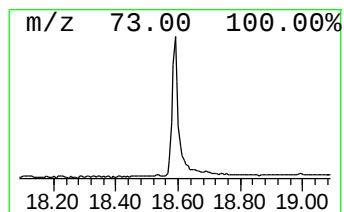
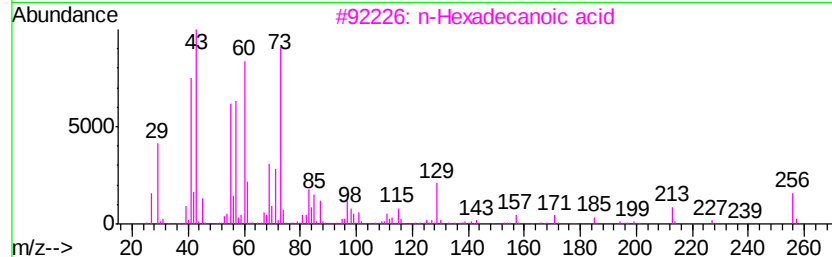
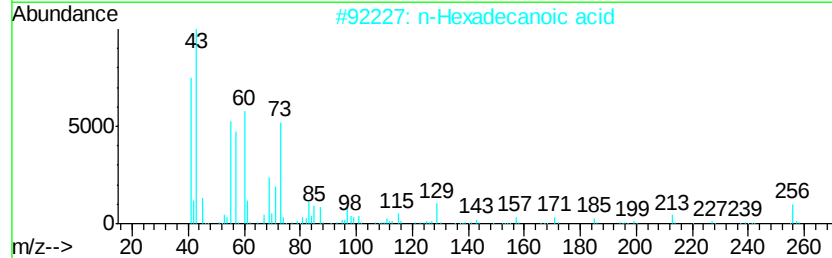
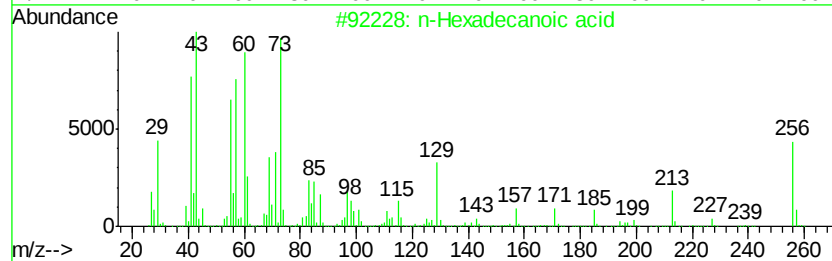
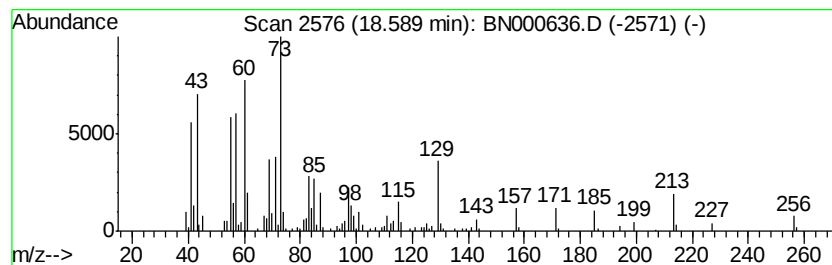
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.59	3.29 ng/ul	391354	Phenanthrene-d10	17.75	
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	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81



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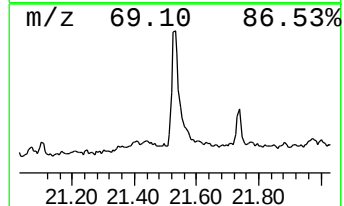
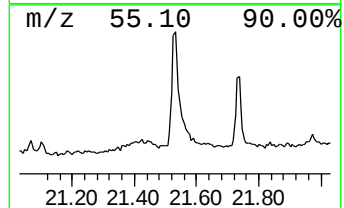
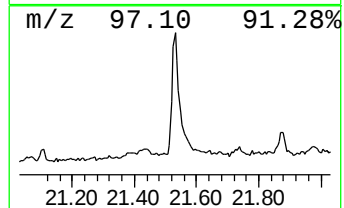
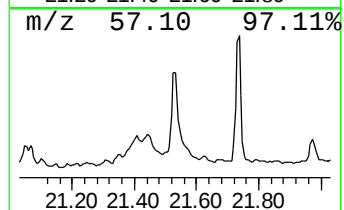
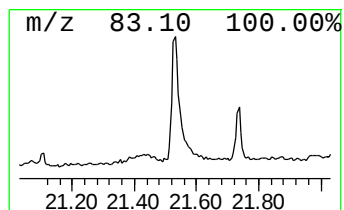
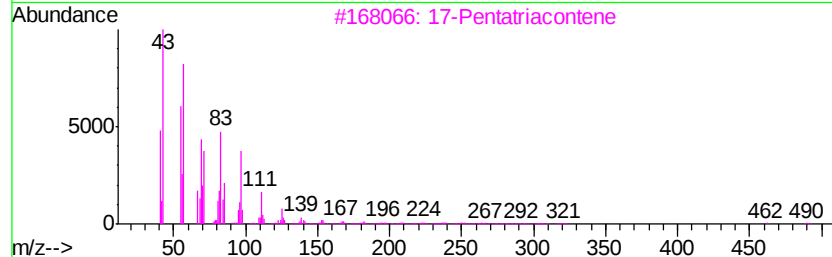
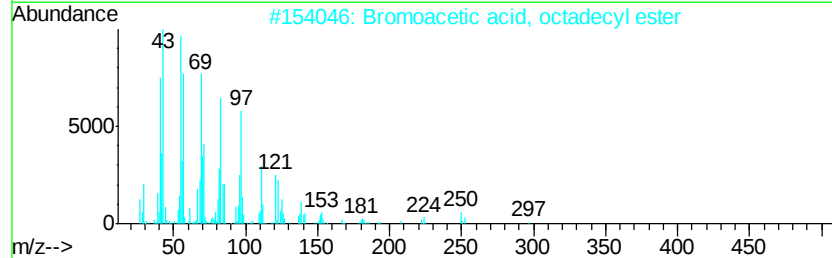
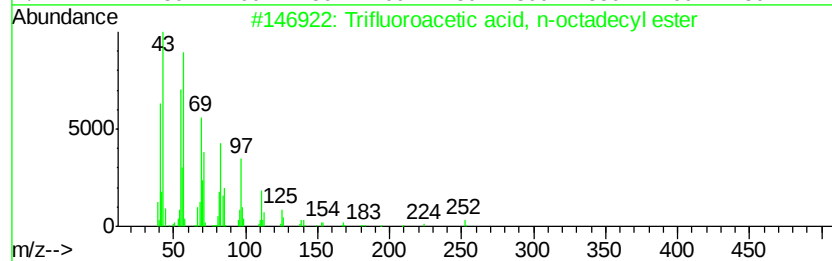
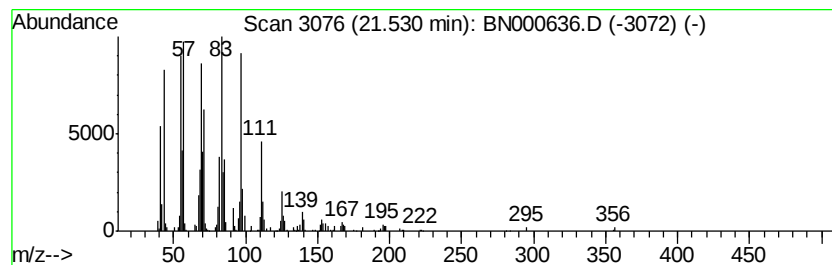
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Peak Number 3 Trifluoroacetic acid, n-oct... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	2.16 ng/ul	293032	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	91
2		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
3		17-Pentatriacontene	491	C35H70	006971-40-0	91
4		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5		1-Nonadecene	266	C19H38	018435-45-5	91



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000636.D
Acq On : 27 Mar 2018 00:28
Operator : JU/SJ
Sample : J1986-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEH5

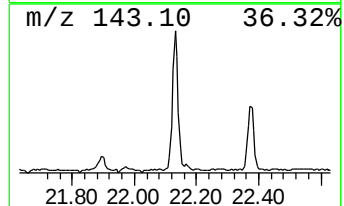
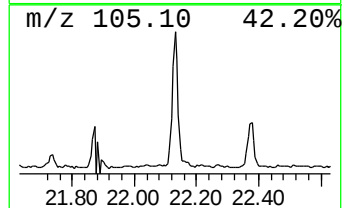
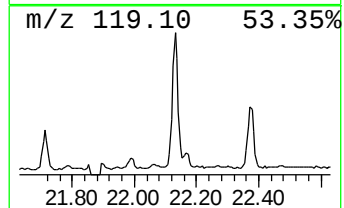
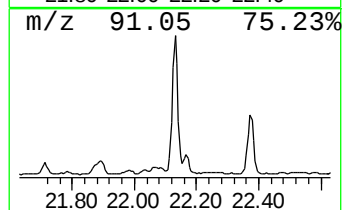
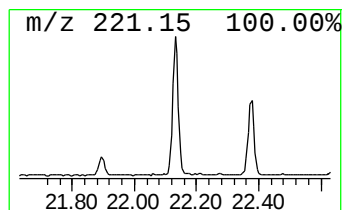
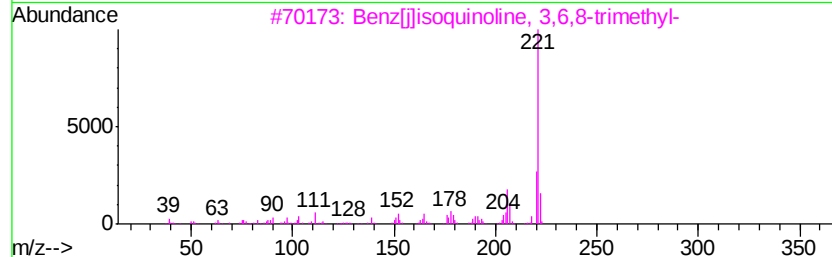
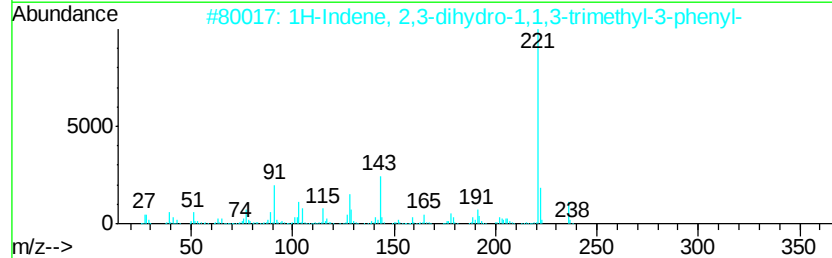
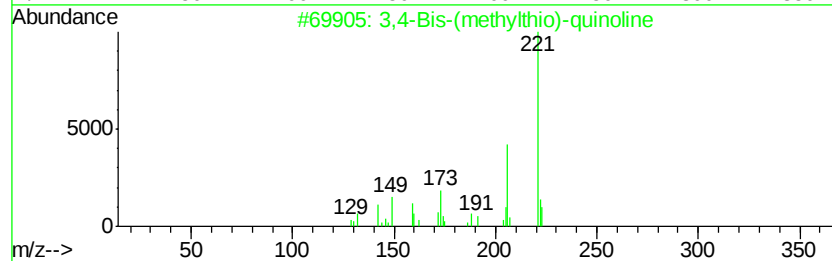
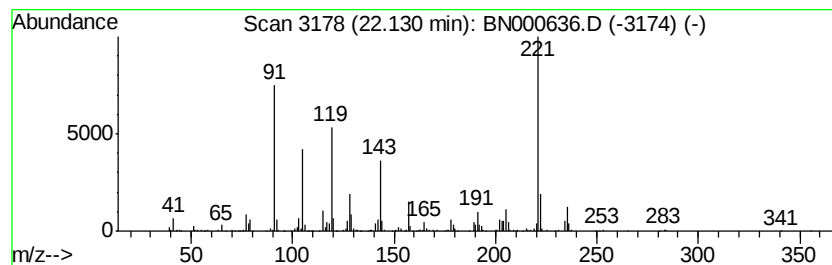
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 3,4-Bis-(methylthio)-quinoline Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.13	2.87 ng/ul	389562	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4-Bis-(methylthio)-quinoline	221	C11H11NS2	074579-34-3	50
2		1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	42
3		Benz[ilisoquinoline, 3,6,8-trime...	221	C16H15N	061171-16-2	41
4		1H-Indole, 1-ethyl-2-phenyl-	221	C16H15N	013228-39-2	35
5		1H-1,2,3-Triazole, 4,5-diphenyl-	221	C14H11N3	005533-73-3	35



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Sample : J1986-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEH5

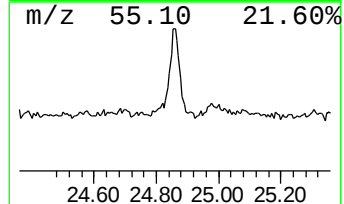
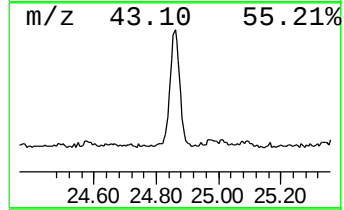
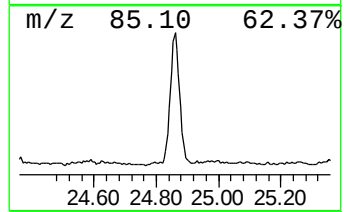
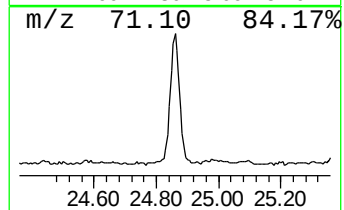
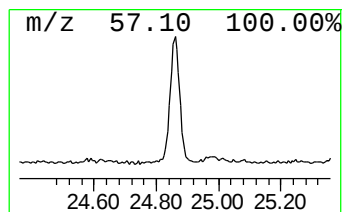
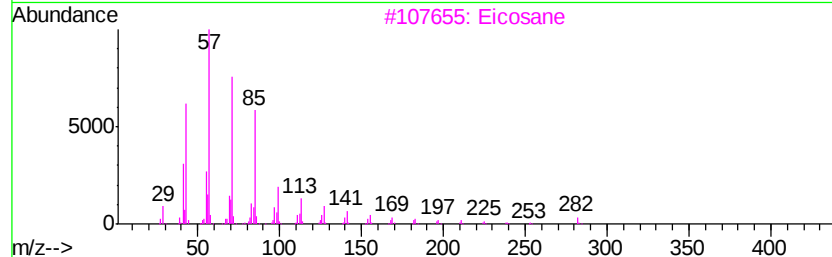
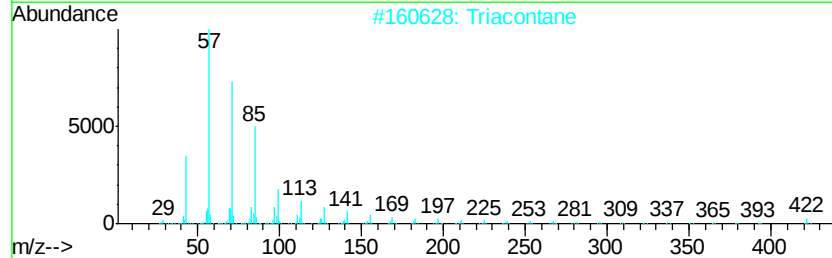
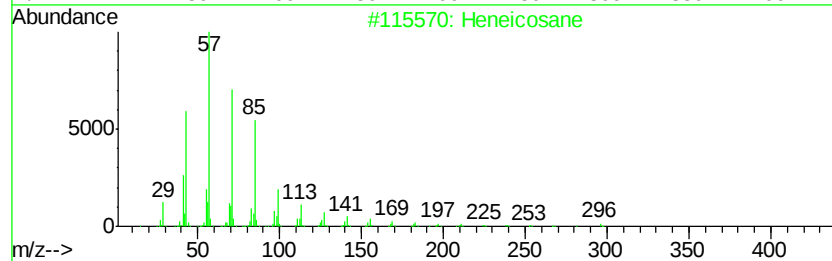
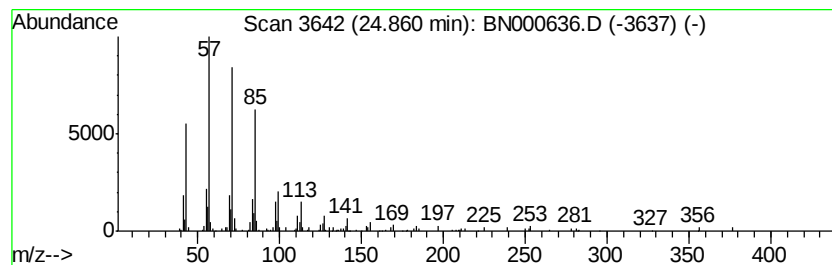
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Quant Title : SVOA CALIBRATION

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.
24.86	2.15 ng/ul	278444	Perylene-d12	24.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Triacontane	422	C30H62	000638-68-6	91
3		Eicosane	282	C20H42	000112-95-8	91
4		Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90
5		Tetratriacontane	479	C34H70	014167-59-0	87



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
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Sample : J1986-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEH5

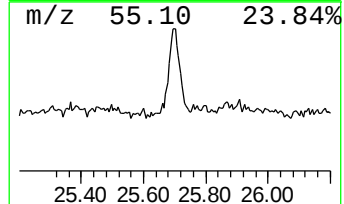
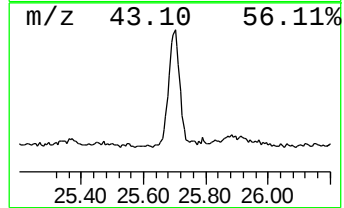
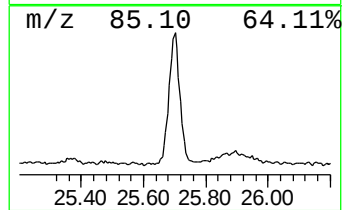
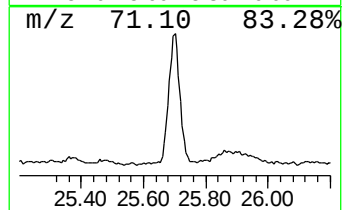
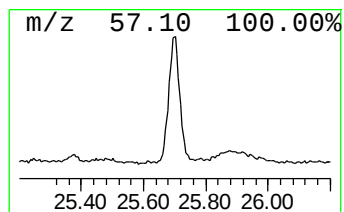
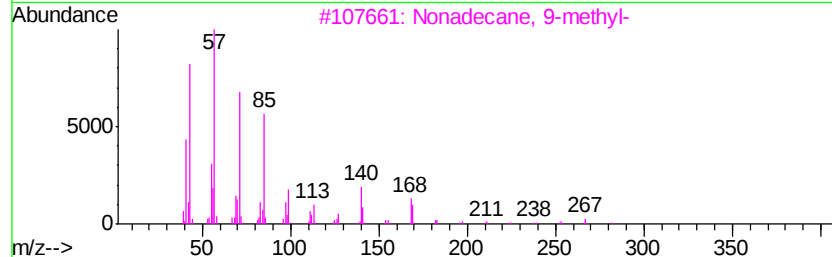
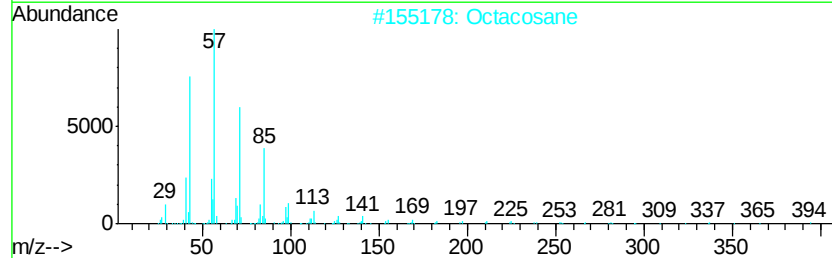
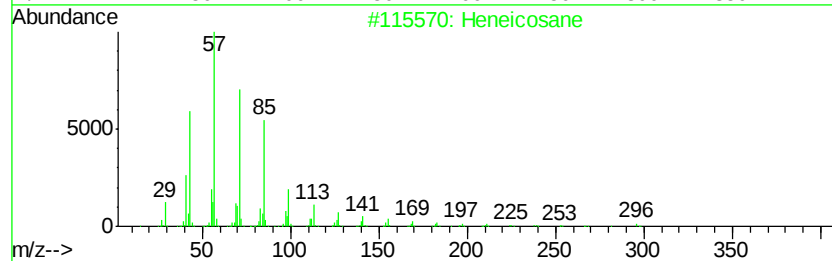
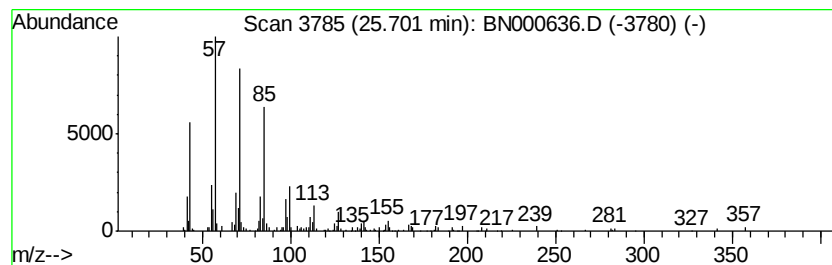
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.70	2.13 ng/ul	275629	Perylene-d12	24.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Octacosane	394	C28H58	000630-02-4	90
3			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
4			Tridecane, 3-methyl-	198	C14H30	006418-41-3	86
5			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	86



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032618\
Data File : BN000636.D
Acq On : 27 Mar 2018 00:28
Operator : JU/SJ
Sample : J1986-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEH5

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.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
2-Pentanone, 4-hy...	5.40	2.3	ng/ul	120994	1	8.41	1043680	20.0
n-Hexadecanoic acid	18.59	3.3	ng/ul	391354	4	17.75	2381960	20.0
Trifluoroacetic a...	21.53	2.2	ng/ul	293032	5	21.88	2710060	20.0
3,4-Bis-(methylth...	22.13	2.9	ng/ul	389562	5	21.88	2710060	20.0
(DEL) Alkane: Str...	24.86	2.1	ng/ul	278444	6	24.35	2587000	20.0
(DEL) Alkane: Str...	25.70	2.1	ng/ul	275629	6	24.35	2587000	20.0