

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
 Data File : BN000588.D
 Acq On : 23 Mar 2018 21:07
 Operator : JU/SJ
 Sample : J1969-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA0

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	3.590	21	26	38	rVB	36511	60952	1.39%	0.140%
2	4.414	162	166	170	rVB2	4088	6093	0.14%	0.014%
3	4.808	229	233	238	rVB3	6442	10685	0.24%	0.024%
4	4.955	255	258	264	rBV3	3260	4836	0.11%	0.011%
5	5.408	330	335	342	rVB	17576	26983	0.62%	0.062%
6	6.396	497	503	516	rVB2	40902	110945	2.54%	0.254%
7	6.566	526	532	538	rBV3	4529	9188	0.21%	0.021%
8	7.549	692	699	707	rBV	202687	335144	7.66%	0.768%
9	7.713	719	727	736	rBV	666350	1066583	24.37%	2.443%
10	7.813	740	744	749	rVB4	3237	5094	0.12%	0.012%
11	7.931	757	764	773	rBV	664033	1091090	24.93%	2.499%
12	8.413	838	846	851	rBV	577235	967640	22.11%	2.216%
13	9.119	959	966	975	rBV	569638	938897	21.45%	2.150%
14	9.243	983	987	993	rVB2	2941	5312	0.12%	0.012%
15	9.513	1028	1033	1038	rVB	12426	19189	0.44%	0.044%
16	9.590	1038	1046	1058	rBV	747906	1255263	28.68%	2.875%
17	9.731	1064	1070	1074	rBB2	9330	13708	0.31%	0.031%
18	10.319	1162	1170	1181	rBV	618932	1032698	23.60%	2.365%
19	10.860	1255	1262	1274	rBV	874675	1519713	34.73%	3.481%
20	11.248	1320	1328	1340	rVB	843172	1416447	32.37%	3.244%
21	11.378	1343	1350	1357	rBV	41754	68078	1.56%	0.156%
22	12.501	1535	1541	1549	rVB	23551	34700	0.79%	0.079%
23	12.807	1589	1593	1598	rBB	15433	23062	0.53%	0.053%
24	13.619	1728	1731	1734	rBV	4658	5537	0.13%	0.013%
25	13.948	1781	1787	1792	rBV	14038	19655	0.45%	0.045%
26	14.419	1859	1867	1873	rBV	1664157	2305289	52.68%	5.280%
27	14.466	1873	1875	1880	rVB	4444	5752	0.13%	0.013%
28	14.731	1913	1920	1930	rBV	1943130	2923045	66.79%	6.695%
29	15.031	1961	1971	1977	rBV2	1210643	1868540	42.70%	4.280%
30	15.084	1977	1980	1985	rVB	21239	27281	0.62%	0.062%
31	15.213	1996	2002	2011	rBV	139069	212911	4.87%	0.488%
32	15.678	2074	2081	2087	rBV	29649	44047	1.01%	0.101%
33	15.778	2094	2098	2101	rBV	5709	7464	0.17%	0.017%
34	15.813	2101	2104	2109	rVB4	3683	5612	0.13%	0.013%

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35	16.013	2131	2138	2147	rBV	2389452	3462767	79.12%	7.931%
36	16.125	2152	2157	2169	rBV	612762	816917	18.67%	1.871%
37	16.248	2173	2178	2182	rVB	24928	31288	0.71%	0.072%
38	17.542	2394	2398	2404	rVB	5122	7239	0.17%	0.017%
39	17.754	2427	2434	2441	rBV2	1516907	2186224	49.96%	5.007%
40	17.854	2444	2451	2460	rBV2	2562360	3753746	85.77%	8.598%
41	18.383	2536	2541	2546	rBV	351498	403184	9.21%	0.923%
42	18.583	2572	2575	2580	rBV	8920	12289	0.28%	0.028%
43	18.672	2585	2590	2593	rBV	4017	5478	0.13%	0.013%
44	19.748	2768	2773	2777	rBV	30210	39505	0.90%	0.090%
45	19.836	2784	2788	2792	rBV5	5024	8263	0.19%	0.019%
46	20.001	2808	2816	2821	rBV	23196	38610	0.88%	0.088%
47	20.107	2828	2834	2843	rBV2	3025885	4376345	100.00%	10.024%
48	21.007	2985	2987	2990	rBV4	4761	5214	0.12%	0.012%
49	21.371	3046	3049	3053	rBV2	29240	35125	0.80%	0.080%
50	21.877	3129	3135	3142	rBV	1890951	2586292	59.10%	5.924%
51	21.977	3149	3152	3155	rBV2	16177	18404	0.42%	0.042%
52	22.448	3229	3232	3235	rVB	33481	39226	0.90%	0.090%
53	22.954	3313	3318	3323	rBV2	95441	146046	3.34%	0.335%
54	23.101	3339	3343	3347	rVB	35466	50825	1.16%	0.116%
55	23.513	3408	3413	3422	rVB2	151366	264140	6.04%	0.605%
56	24.142	3515	3520	3523	rBV	169948	310501	7.09%	0.711%
57	24.201	3523	3530	3541	rVB2	2023051	4167010	95.22%	9.544%
58	24.354	3548	3556	3566	rVB	1163384	2389822	54.61%	5.474%
59	24.865	3637	3643	3653	rBV	170953	353029	8.07%	0.809%
60	25.707	3779	3786	3796	rVB	166581	393138	8.98%	0.900%
61	26.689	3946	3953	3965	rVB2	106415	311932	7.13%	0.714%

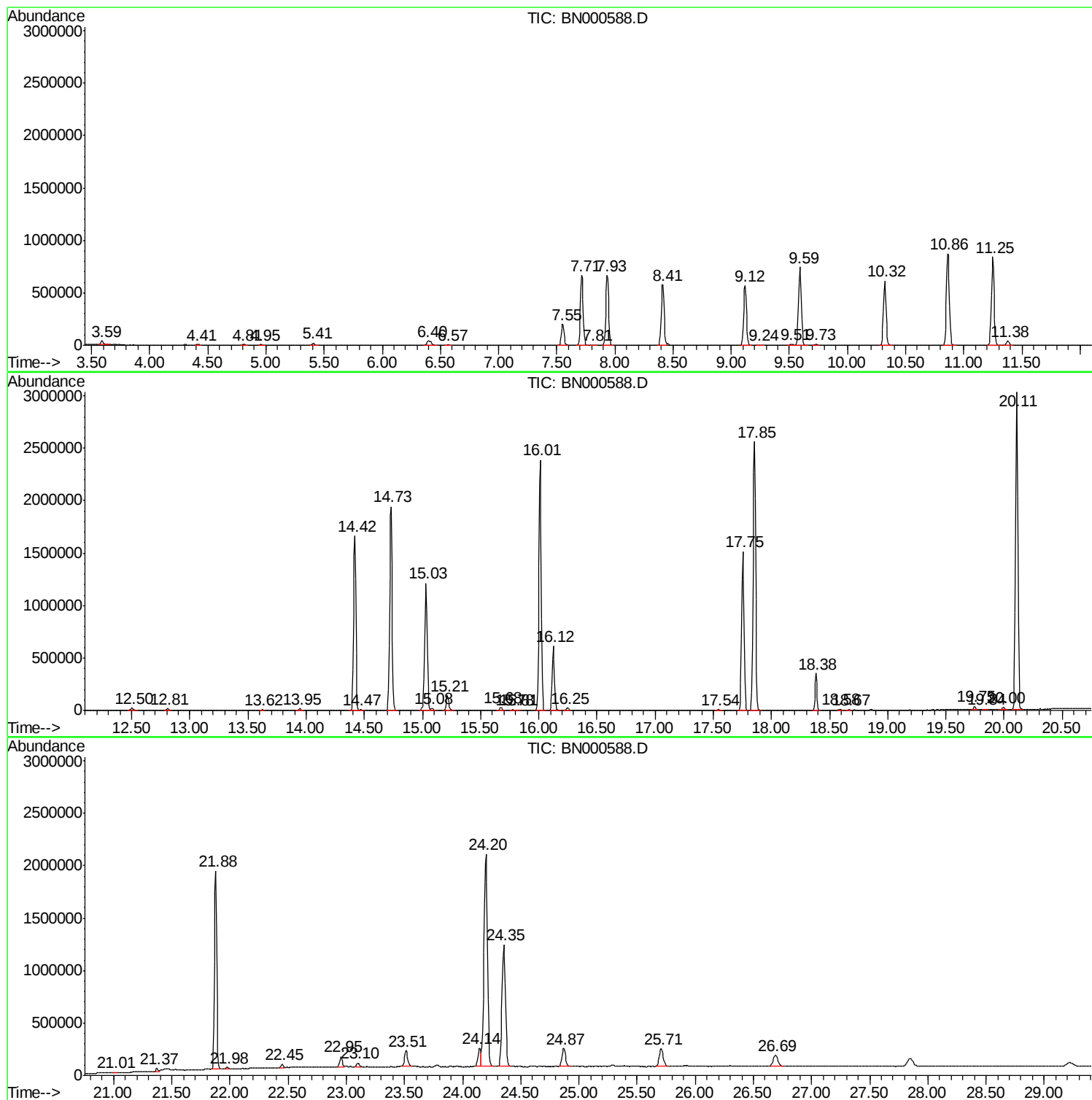
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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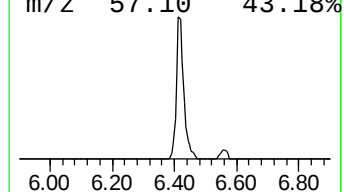
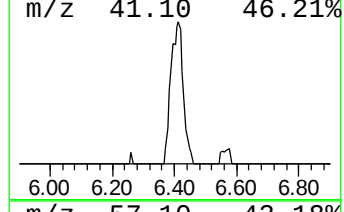
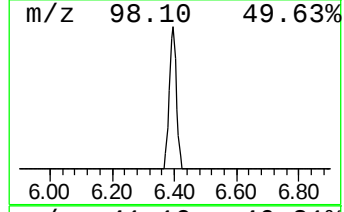
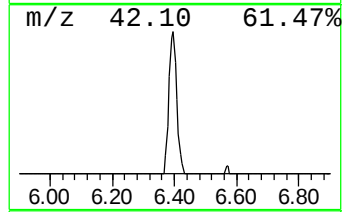
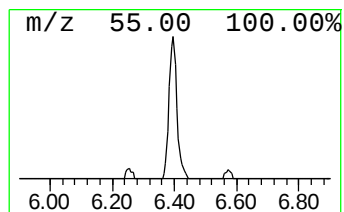
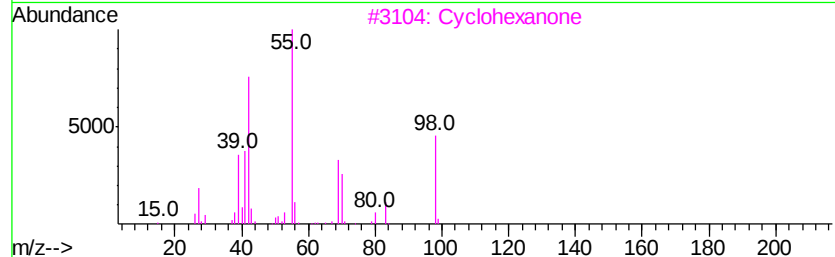
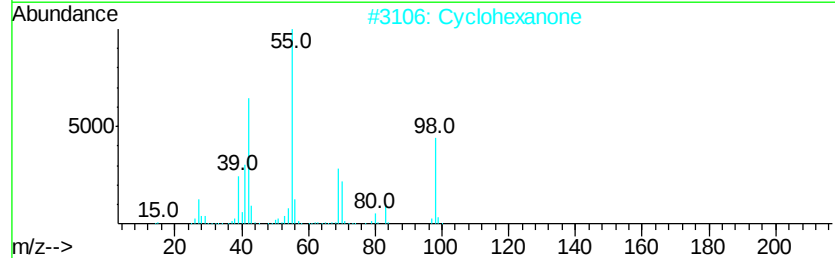
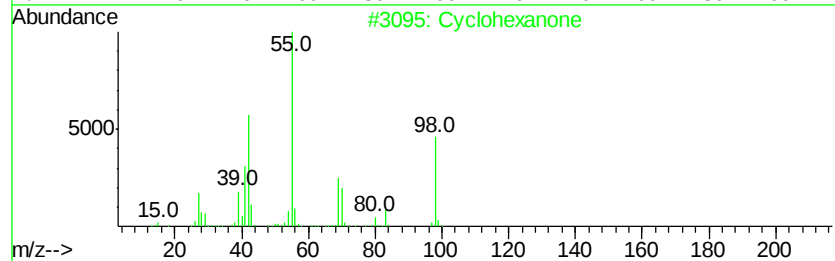
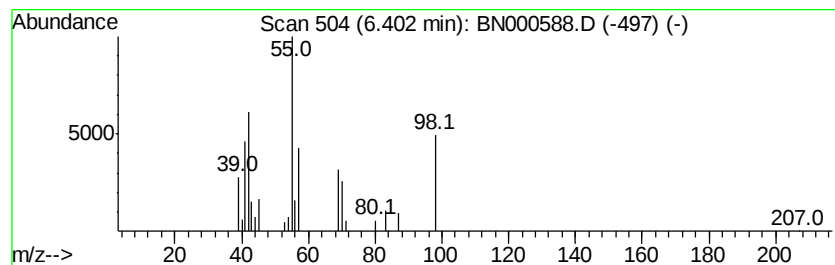
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Cyclohexanone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	2.29 ng/ul	110945	1,4-Dichlorobenzene-d4	8.41
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Cyclohexanone	98 C6H10O	000108-94-1	91
2	Cyclohexanone	98 C6H10O	000108-94-1	90
3	Cyclohexanone	98 C6H10O	000108-94-1	87
4	Cyclohexanone	98 C6H10O	000108-94-1	87
5	Cyclohexanone	98 C6H10O	000108-94-1	78



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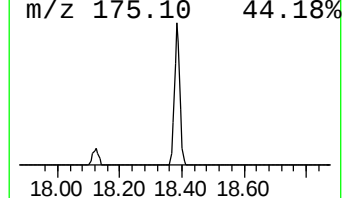
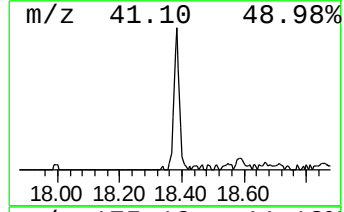
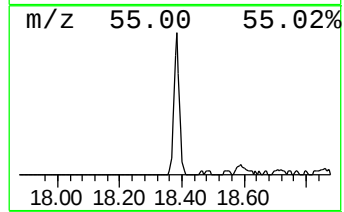
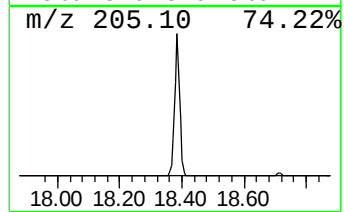
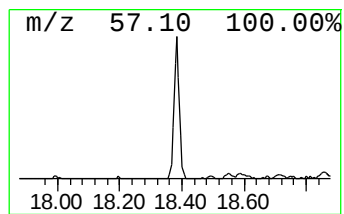
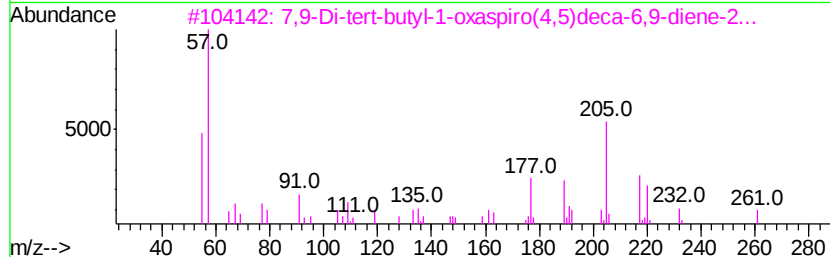
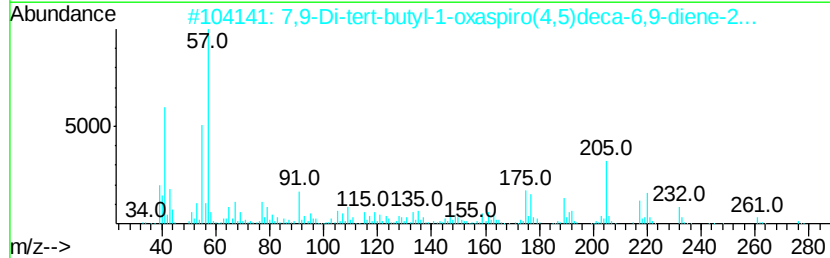
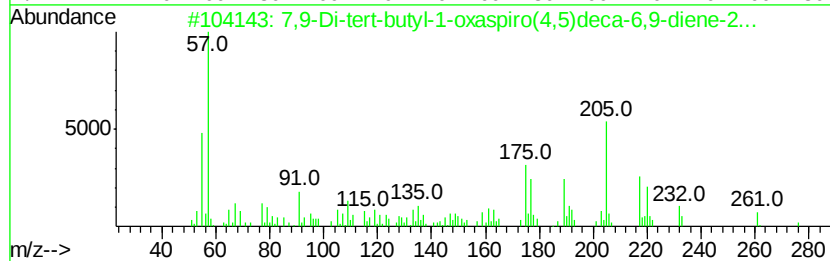
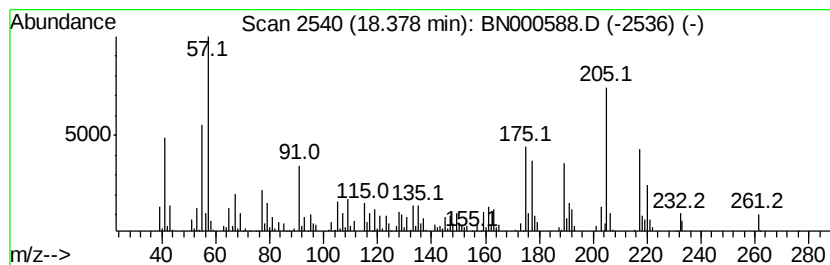
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.38	3.69 ng/ul	403184	Phenanthrene-d10	17.75	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	98
3	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	90
4	2,5-Cyclohexadien-1-one, 2,6-bis(4-tert-butylphenyl)-	232	C16H24O	006738-27-8	80
5	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	50



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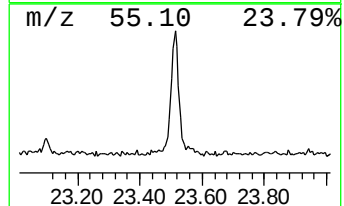
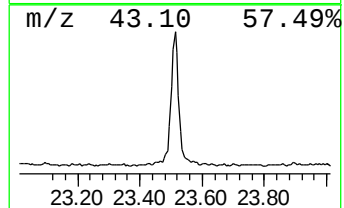
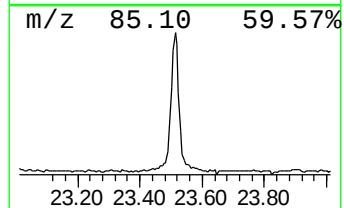
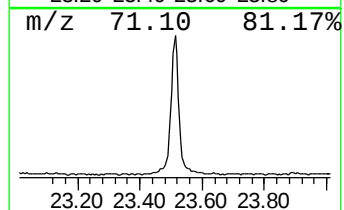
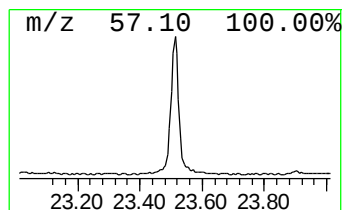
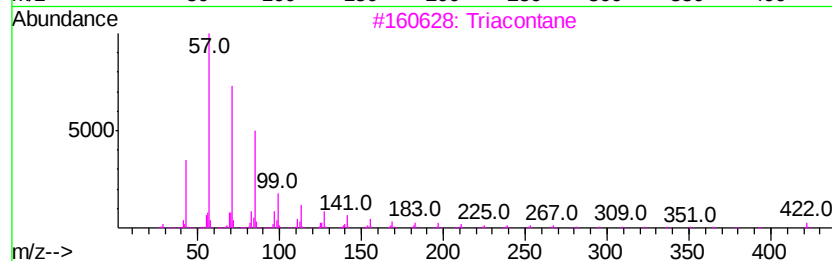
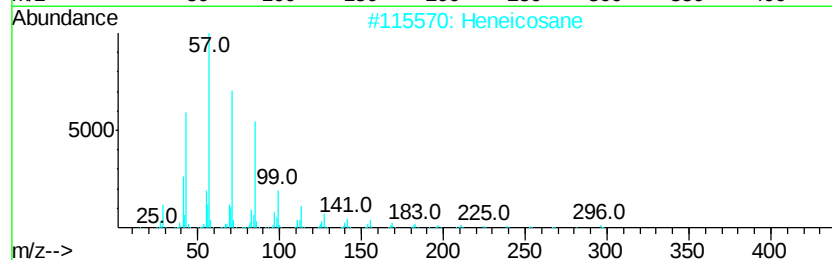
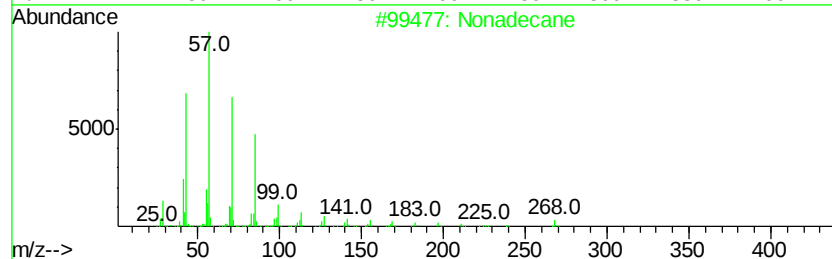
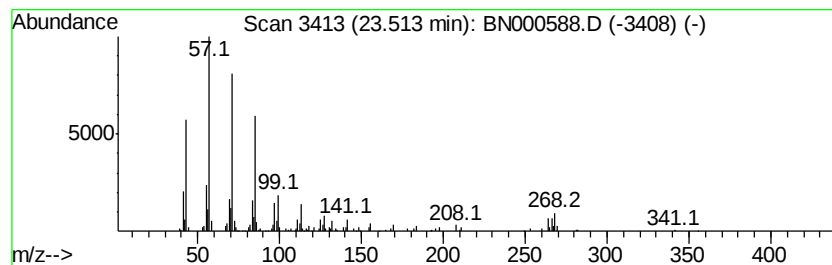
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.51	2.21 ng/ul	264140	Perylene-d12	24.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Heneicosane	296	C21H44	000629-94-7	87
3		Triacontane	422	C30H62	000638-68-6	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Nonacosane	408	C29H60	000630-03-5	83



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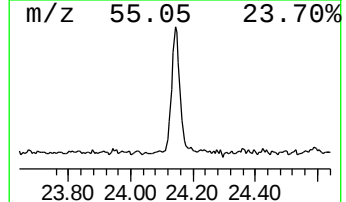
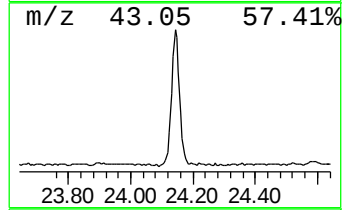
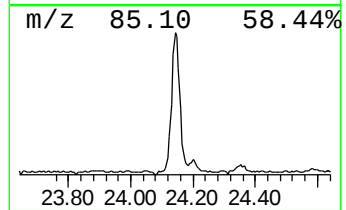
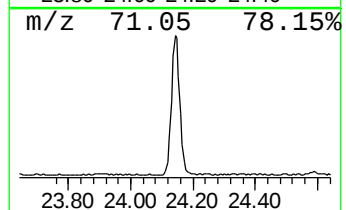
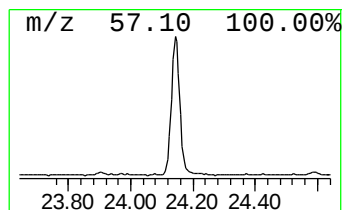
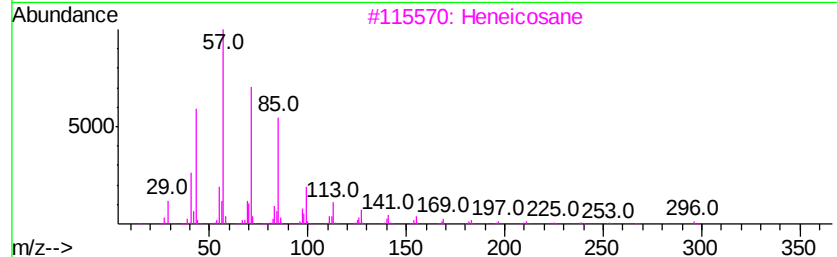
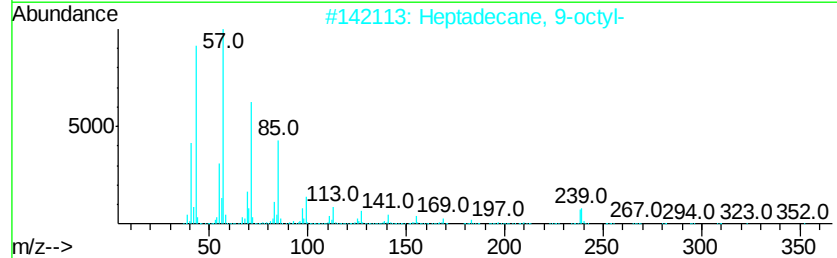
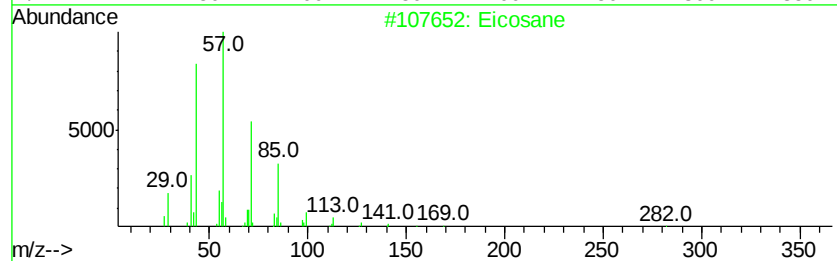
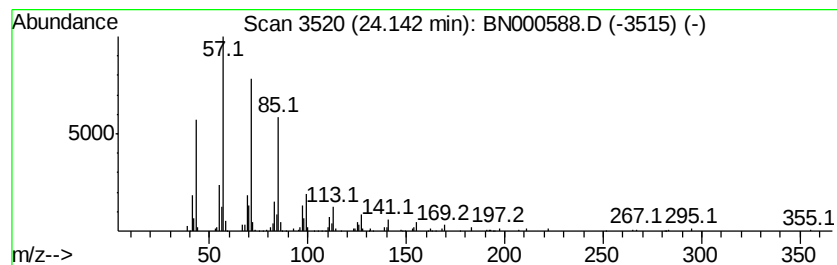
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Quant Title : SVOA CALIBRATION

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.
24.14	2.60 ng/ul	310501	Perylene-d12	24.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Tetratriacontane	479	C34H70	014167-59-0	91
5		Eicosane	282	C20H42	000112-95-8	91



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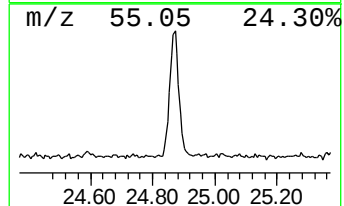
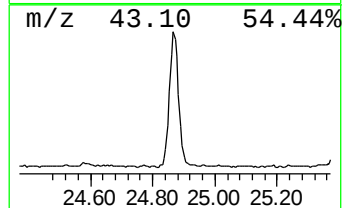
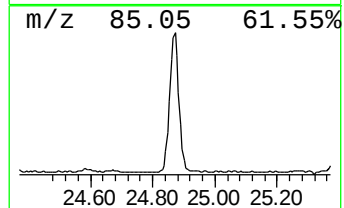
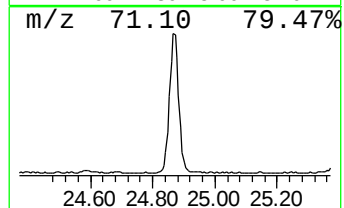
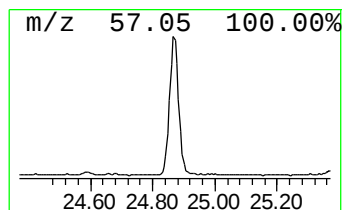
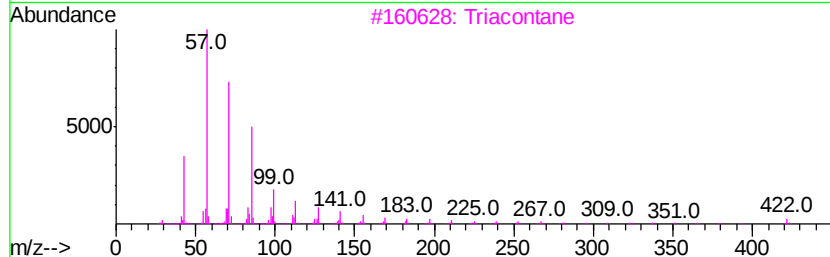
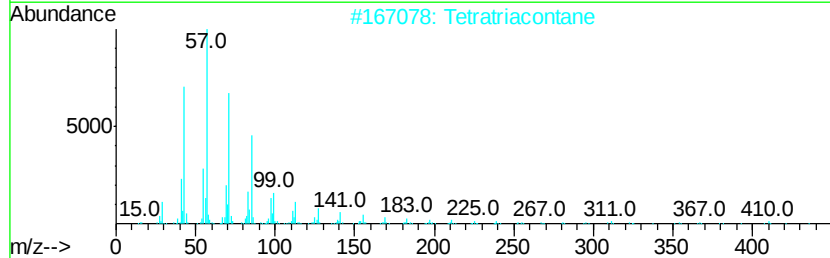
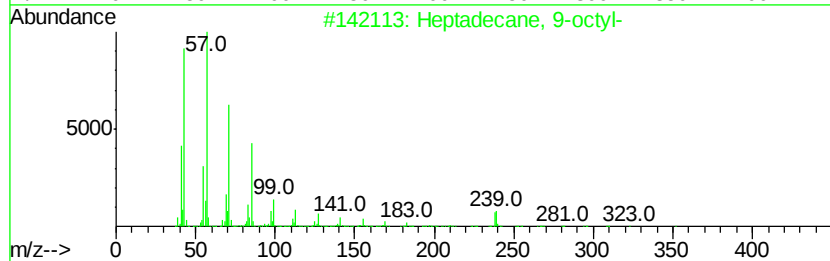
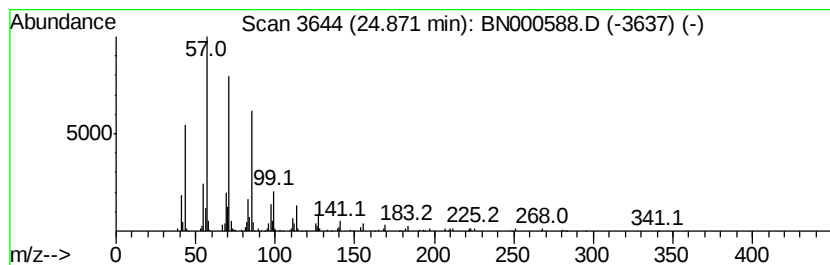
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.87	2.95 ng/ul	353029	Perylene-d12	24.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Tetratriacontane	479	C34H70	014167-59-0	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032318\
Data File : BN000588.D
Acq On : 23 Mar 2018 21:07
Operator : JU/SJ
Sample : J1969-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA0

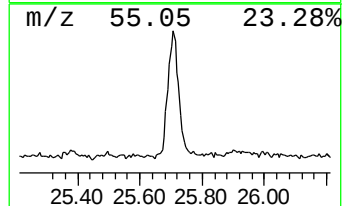
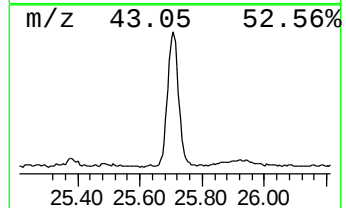
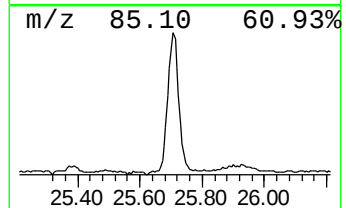
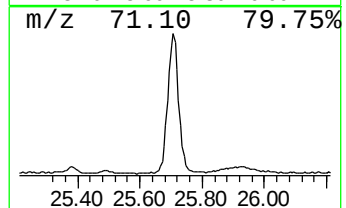
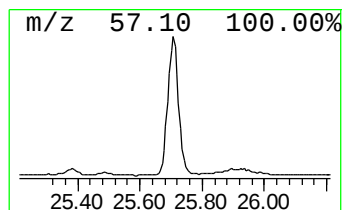
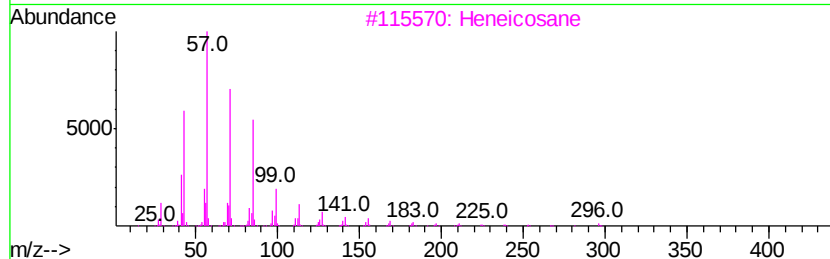
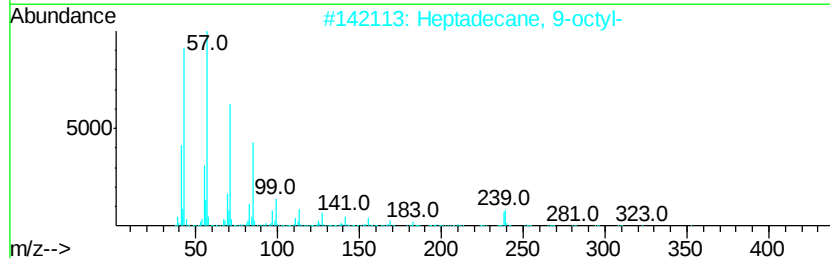
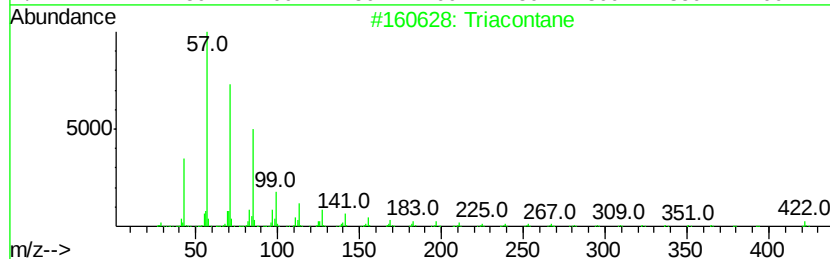
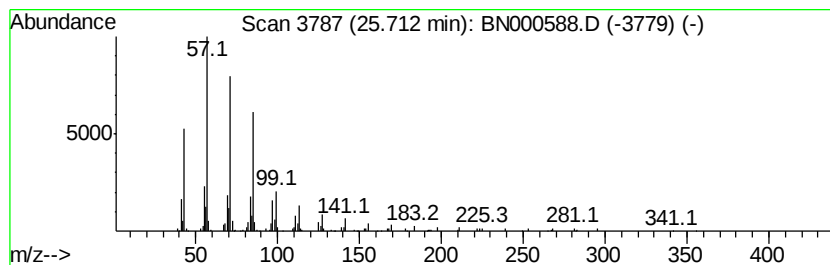
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.71	3.29 ng/ul	393138	Perylene-d12	24.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Tetratriacontane	479	C34H70	014167-59-0	91
5		Octadecane	254	C18H38	000593-45-3	91



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000588.D
Acq On : 23 Mar 2018 21:07
Operator : JU/SJ
Sample : J1969-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

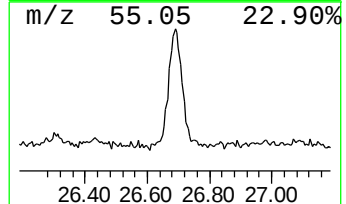
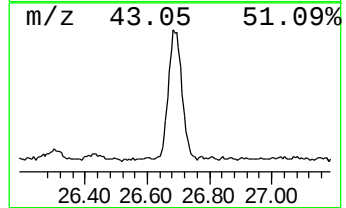
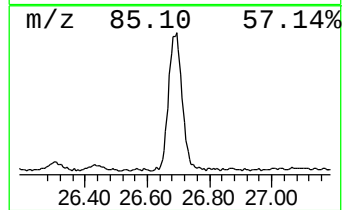
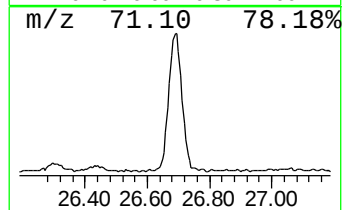
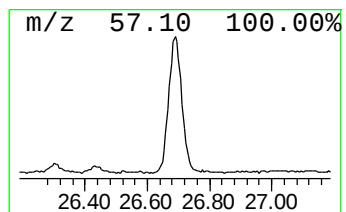
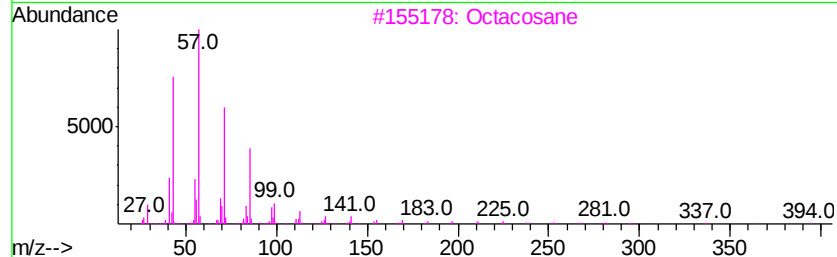
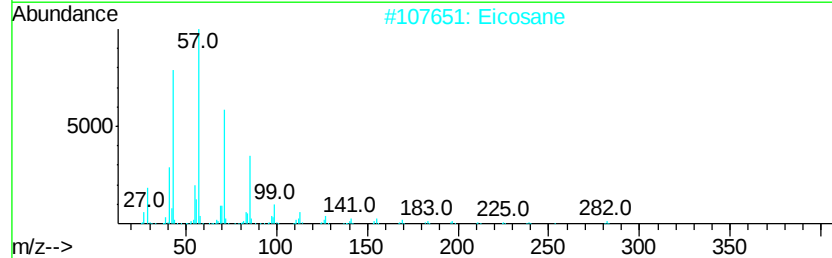
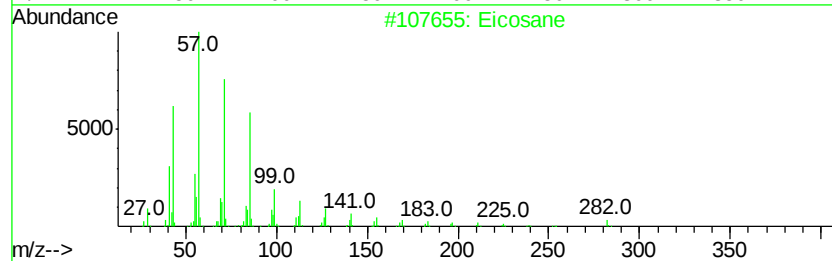
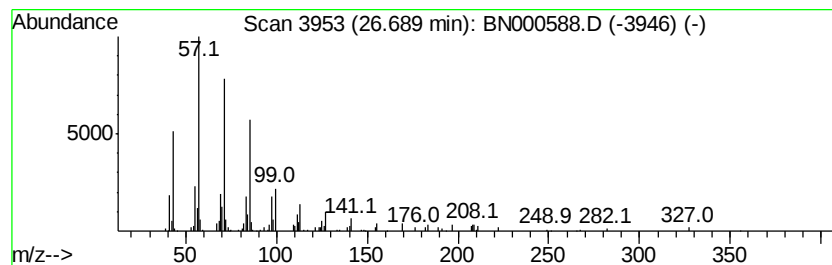
Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.69	2.61 ng/ul	311932	Perylene-d12	24.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	93
2	Eicosane	282 C20H42	000112-95-8	93
3	Octacosane	394 C28H58	000630-02-4	91
4	Octacosane	394 C28H58	000630-02-4	91
5	Triacontane	422 C30H62	000638-68-6	91



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032318\
Data File : BN000588.D
Acq On : 23 Mar 2018 21:07
Operator : JU/SJ
Sample : J1969-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA0

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
Cyclohexanone	6.40	2.3	ng/ul	110945	1	8.41	967640	20.0
7,9-Di-tert-butyl...	18.38	3.7	ng/ul	403184	4	17.75	2186220	20.0
(DEL) Alkane: Str...	23.51	2.2	ng/ul	264140	6	24.35	2389820	20.0
(DEL) Alkane: Str...	24.14	2.6	ng/ul	310501	6	24.35	2389820	20.0
(DEL) Alkane: Str...	24.87	3.0	ng/ul	353029	6	24.35	2389820	20.0
(DEL) Alkane: Str...	25.71	3.3	ng/ul	393138	6	24.35	2389820	20.0
(DEL) Alkane: Str...	26.69	2.6	ng/ul	311932	6	24.35	2389820	20.0