

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
 Data File : BN005816.D
 Acq On : 21 May 2019 00:56
 Operator : JU/SJ
 Sample : K2693-21
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFHF6

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-BN051819MA.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	6.769	637	643	659	rBV	416933	852978	29.32%	2.478%
2	6.917	663	668	682	rVB	342590	589238	20.26%	1.712%
3	7.111	696	701	716	rVB	498478	848411	29.17%	2.465%
4	7.569	773	779	790	rVB	490828	821821	28.25%	2.388%
5	8.287	895	901	915	rBV	538924	1029641	35.40%	2.991%
6	8.716	968	974	989	rVB	486570	856690	29.45%	2.489%
7	9.434	1090	1096	1105	rBV	379161	671265	23.08%	1.950%
8	9.975	1182	1188	1206	rBV	555089	1111401	38.21%	3.229%
9	10.334	1242	1249	1256	rBV	713927	1210417	41.61%	3.517%
10	10.481	1268	1274	1294	rBV	479792	1038414	35.70%	3.017%
11	11.957	1521	1525	1534	rVB4	5426	12817	0.44%	0.037%
12	13.628	1803	1809	1814	rBV	1188630	1736458	59.69%	5.045%
13	13.675	1814	1817	1828	rVB	306339	425028	14.61%	1.235%
14	13.899	1849	1855	1867	rBV	1406389	2138081	73.50%	6.212%
15	14.134	1891	1895	1897	rVB2	2374	2934	0.10%	0.009%
16	14.210	1902	1908	1918	rBV2	1130802	1715718	58.98%	4.985%
17	14.481	1949	1954	1979	rBV2	146015	466684	16.04%	1.356%
18	14.740	1996	1998	2007	rVV3	2948	4661	0.16%	0.014%
19	14.975	2035	2038	2042	rBV2	1654	3098	0.11%	0.009%
20	15.028	2042	2047	2049	rVV3	2601	3958	0.14%	0.011%
21	15.081	2053	2056	2062	rVB3	7122	9425	0.32%	0.027%
22	15.216	2072	2079	2087	rBV	1702850	2591606	89.09%	7.529%
23	15.393	2105	2109	2117	rBV2	32732	52604	1.81%	0.153%
24	15.457	2117	2120	2126	rVB3	18104	22902	0.79%	0.067%
25	15.945	2198	2203	2207	rBV4	4504	8340	0.29%	0.024%
26	16.004	2209	2213	2217	rVB6	6233	9262	0.32%	0.027%
27	16.122	2229	2233	2234	rBV2	3868	3287	0.11%	0.010%
28	16.169	2238	2241	2244	rBV3	2594	3766	0.13%	0.011%
29	16.351	2269	2272	2276	rVB4	2468	3705	0.13%	0.011%
30	16.416	2276	2283	2286	rVB3	2062	4449	0.15%	0.013%
31	16.763	2335	2342	2346	rBV2	6336	15754	0.54%	0.046%
32	16.969	2371	2377	2387	rBV2	1499400	2116749	72.77%	6.150%
33	17.069	2387	2394	2408	rVV	1851395	2800709	96.28%	8.137%
34	17.263	2425	2427	2432	rVV5	2341	3474	0.12%	0.010%

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Integration Parameters: LSCINT.P

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35	17.387	2445	2448	2450	rBV4	3015	4150	0.14%	0.012%
36	17.763	2505	2512	2516	rBV4	3769	8083	0.28%	0.023%
37	17.822	2520	2522	2526	rBV3	3200	3692	0.13%	0.011%
38	17.887	2529	2533	2543	rBV	203597	374788	12.88%	1.089%
39	18.045	2558	2560	2569	rVB4	7128	13817	0.47%	0.040%
40	18.169	2578	2581	2587	rVB2	14670	20976	0.72%	0.061%
41	18.434	2622	2626	2628	rVB5	2987	3191	0.11%	0.009%
42	18.728	2671	2676	2681	rBV6	6554	12581	0.43%	0.037%
43	18.822	2689	2692	2699	rVB5	6484	6433	0.22%	0.019%
44	18.945	2708	2713	2714	rBV4	3912	6174	0.21%	0.018%
45	19.022	2722	2726	2729	rBV3	17696	26596	0.91%	0.077%
46	19.122	2740	2743	2745	rVB3	3634	4480	0.15%	0.013%
47	19.186	2750	2754	2764	rBV3	78699	169182	5.82%	0.492%
48	19.269	2766	2768	2772	rVV2	21166	28410	0.98%	0.083%
49	19.339	2776	2780	2782	rVV3	21566	29447	1.01%	0.086%
50	19.386	2782	2788	2796	rVB	2086811	2908925	100.00%	8.451%
51	19.557	2815	2817	2820	rBV4	6357	9048	0.31%	0.026%
52	19.651	2831	2833	2836	rBV4	6467	8138	0.28%	0.024%
53	20.333	2945	2949	2957	rBV	113087	205015	7.05%	0.596%
54	20.451	2966	2969	2974	rVB7	24298	30364	1.04%	0.088%
55	20.551	2984	2986	2987	rBV2	12361	9508	0.33%	0.028%
56	20.928	3046	3050	3058	rBV2	100127	226589	7.79%	0.658%
57	21.204	3092	3097	3105	rBV	1322433	1773587	60.97%	5.153%
58	21.792	3195	3197	3201	rVB	69838	73192	2.52%	0.213%
59	22.251	3271	3275	3282	rVB	190003	291763	10.03%	0.848%
60	22.369	3292	3295	3301	rVB	145829	172609	5.93%	0.501%
61	22.745	3355	3359	3364	rVB	141450	200612	6.90%	0.583%
62	22.910	3384	3387	3393	rVB	163999	232324	7.99%	0.675%
63	23.275	3442	3449	3460	rVB2	1221170	2376471	81.70%	6.904%
64	23.410	3466	3472	3482	rVB	818806	1605511	55.19%	4.664%
65	24.051	3577	3581	3588	rVB2	200657	398492	13.70%	1.158%

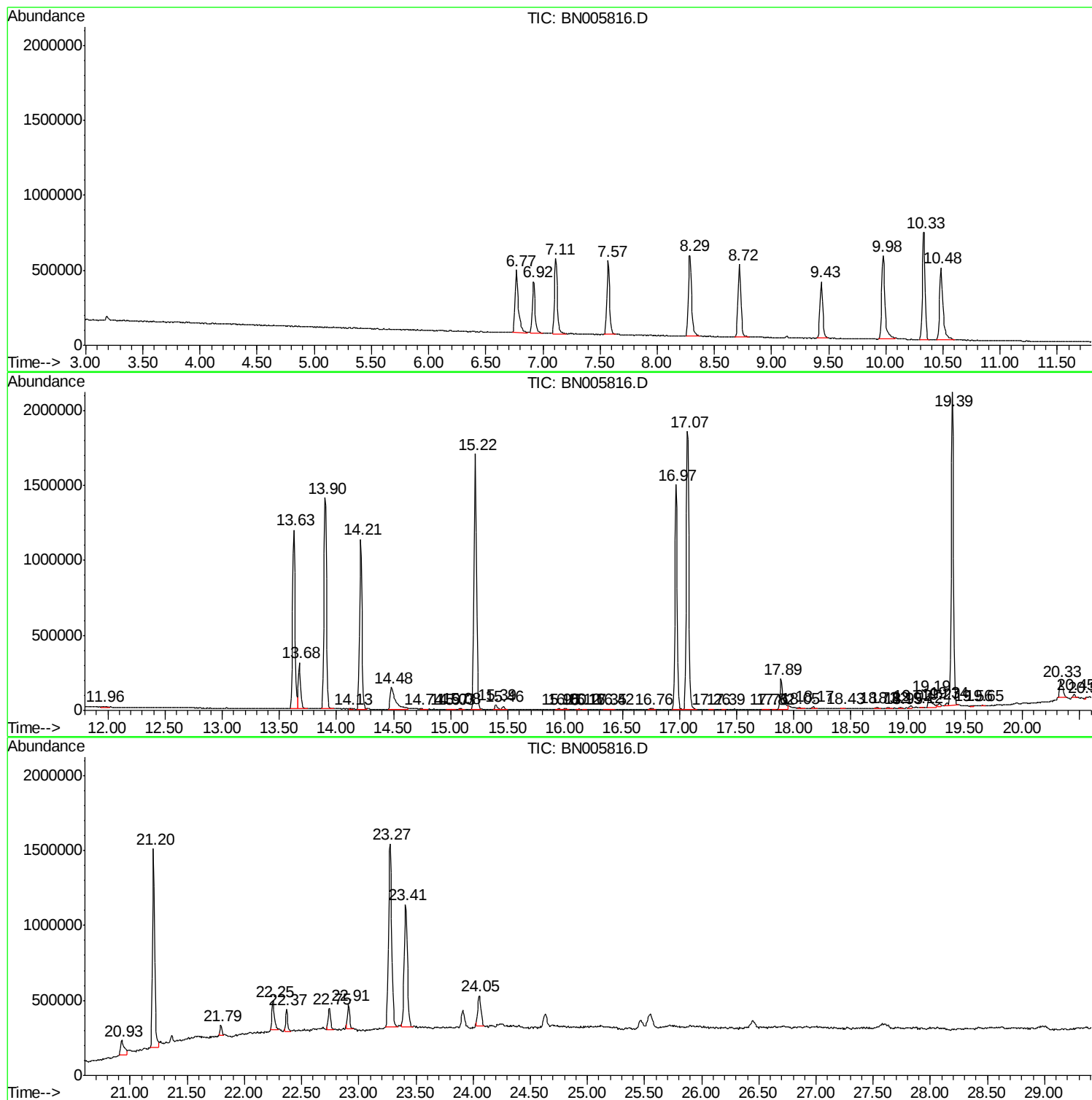
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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



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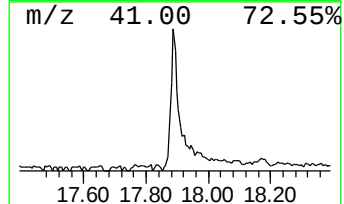
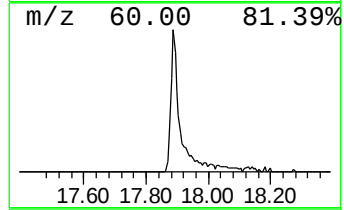
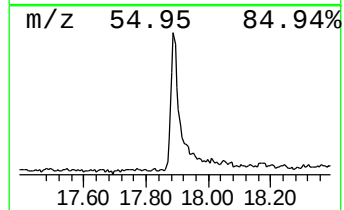
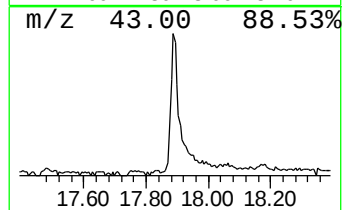
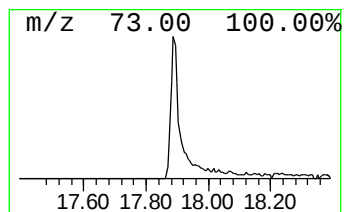
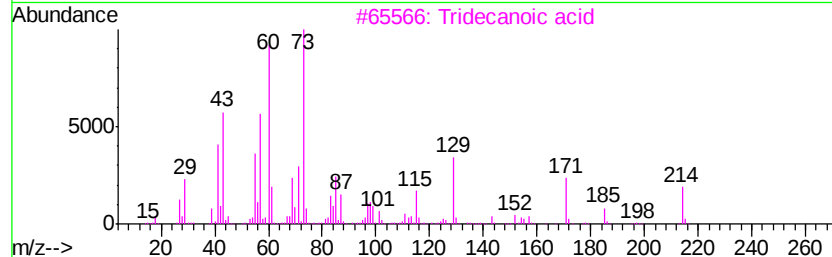
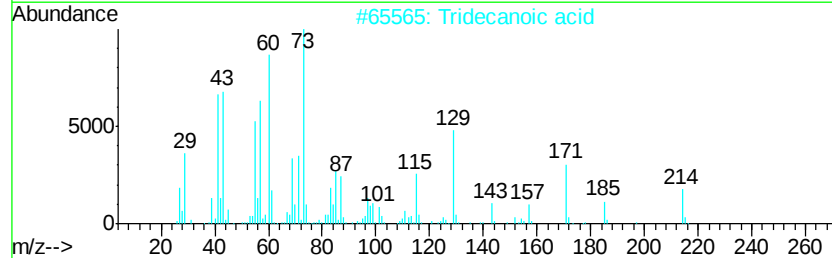
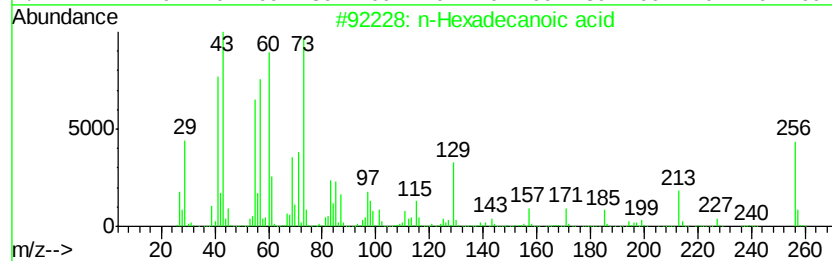
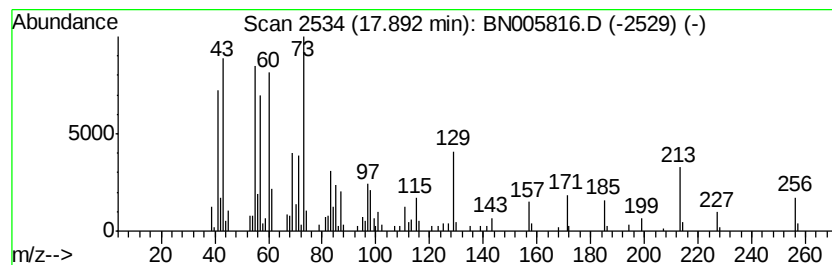
Instrument :
BNA_N
ClientSampleId :
BFHF6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.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.	
17.89	3.54 ng/ul	374788	Phenanthrene-d10		16.97	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Tridecanoic acid	214	C13H26O2	000638-53-9	76
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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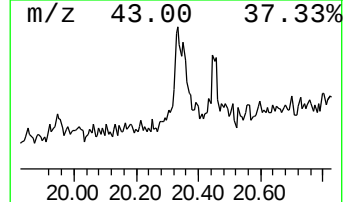
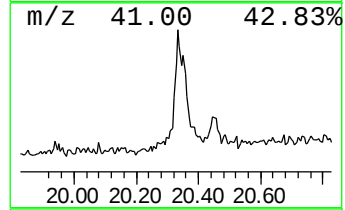
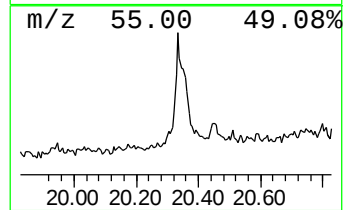
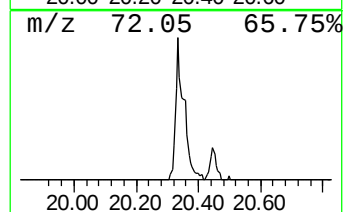
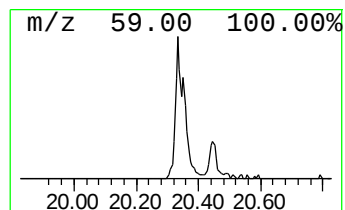
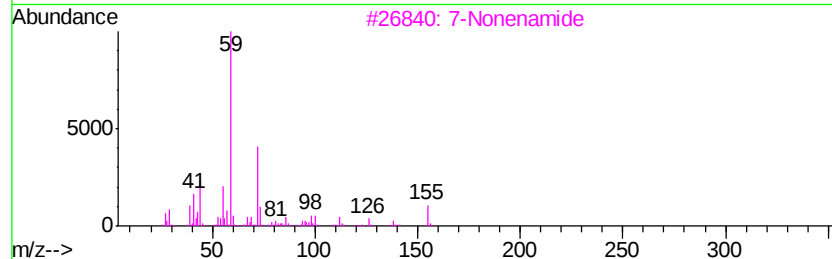
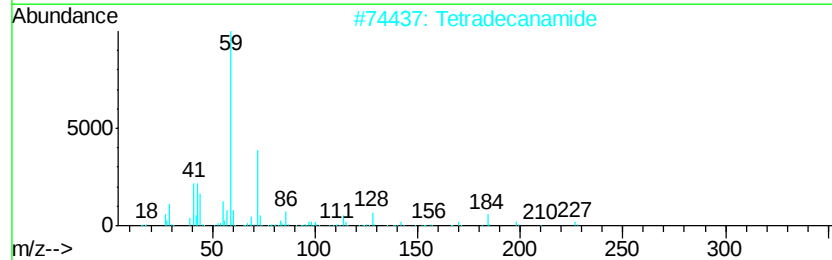
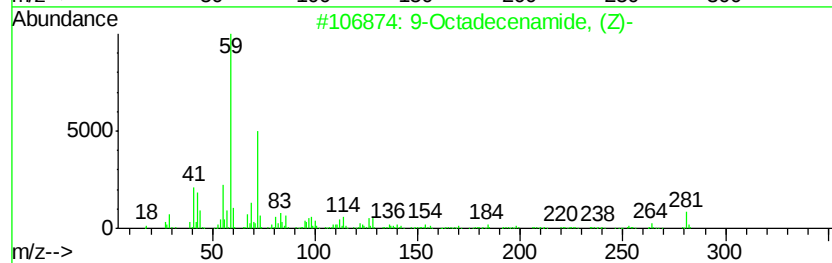
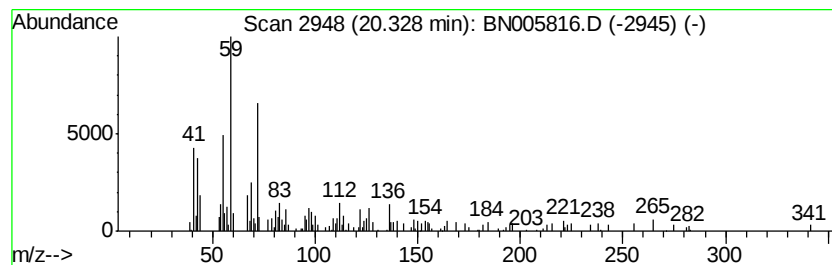
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 9-Octadecenamide, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.33	2.31 ng/ul	205015	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	89
2		Tetradecanamide	227	C14H29NO	000638-58-4	53
3		7-Nonenamide	155	C9H17NO	090949-53-4	53
4		Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	50
5		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	50



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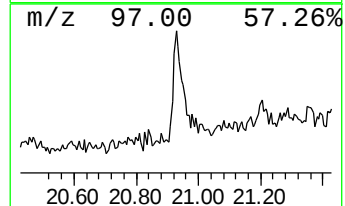
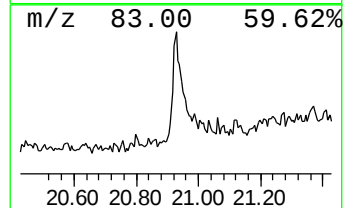
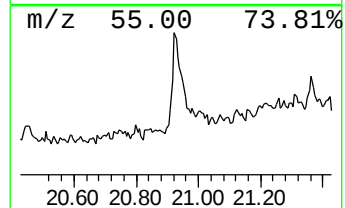
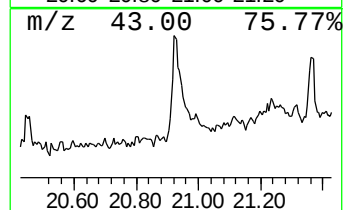
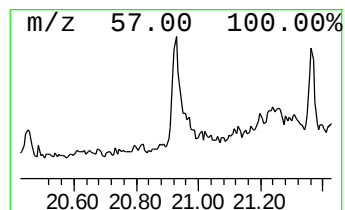
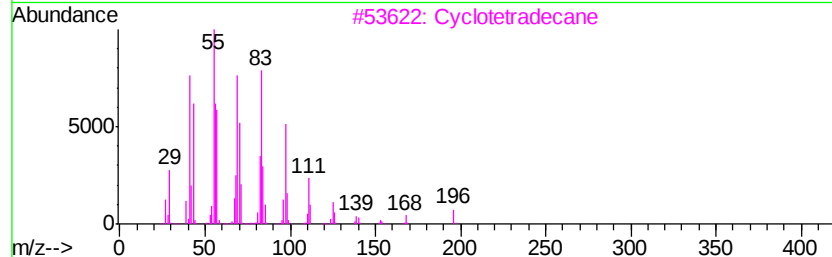
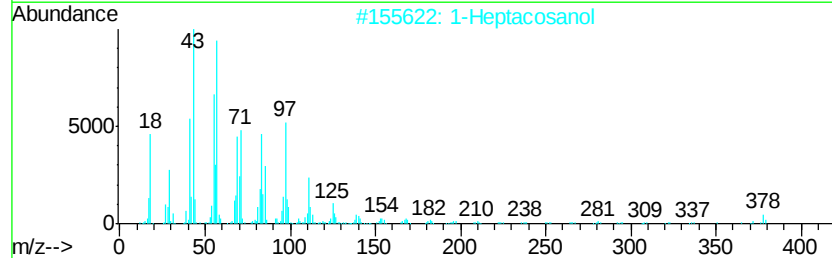
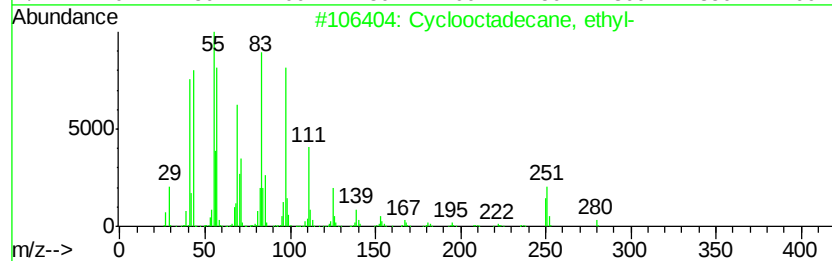
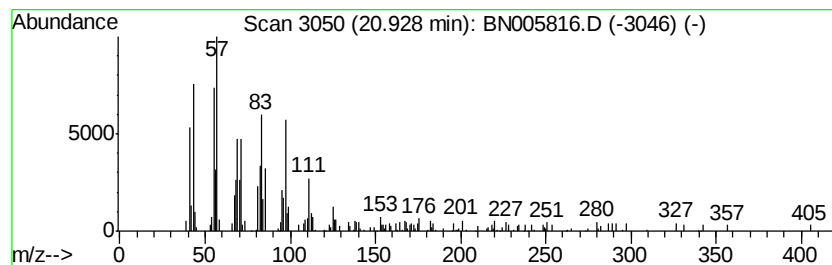
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic20.93 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.93	2.56 ng/ul	226589	Chrysene-d12		21.20	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclooctadecane, ethyl-	280	C20H40	1000151-22-5	83
2		1-Heptacosanol	396	C27H56O	002004-39-9	81
3		Cyclotetradecane	196	C14H28	000295-17-0	80
4		17-Pentatriacontene	491	C35H70	006971-40-0	76
5		1-Docosanol	326	C22H46O	000661-19-8	74



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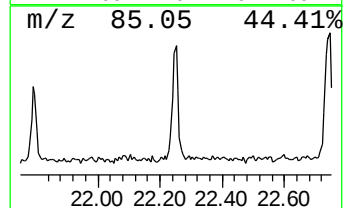
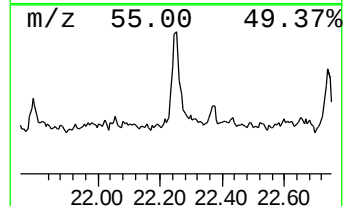
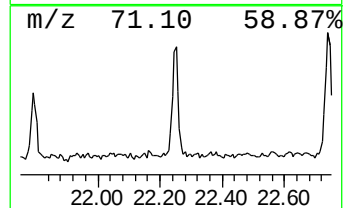
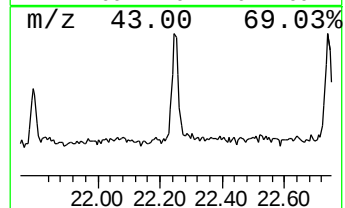
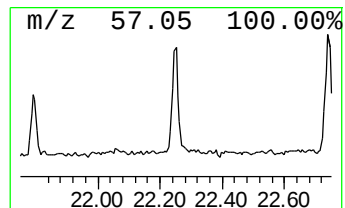
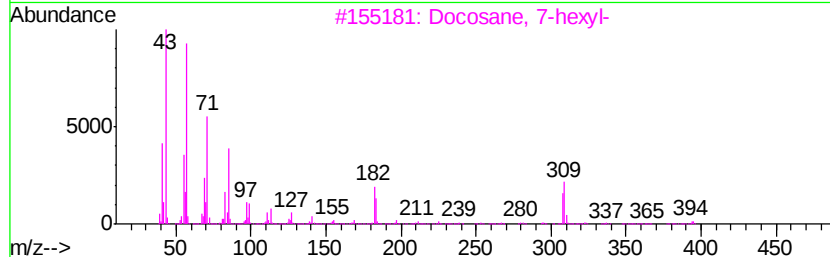
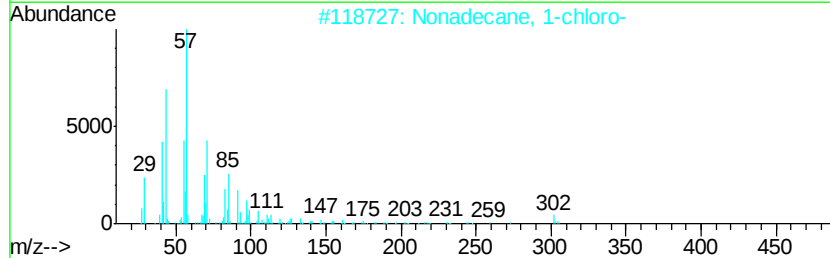
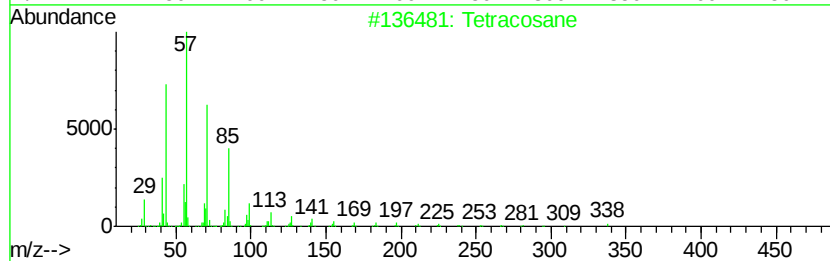
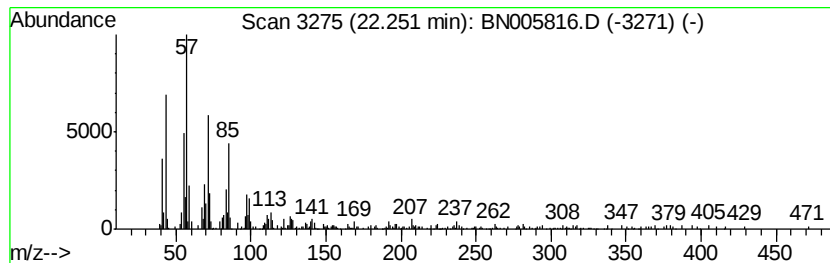
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.25	3.29 ng/ul	291763	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	97
2		Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	93
3		Docosane, 7-hexyl-	394	C28H58	055373-86-9	83
4		Docosane	310	C22H46	000629-97-0	83
5		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	70



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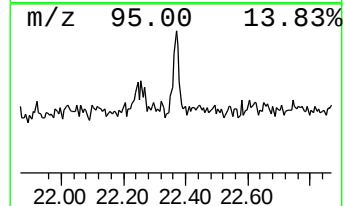
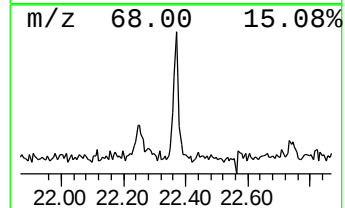
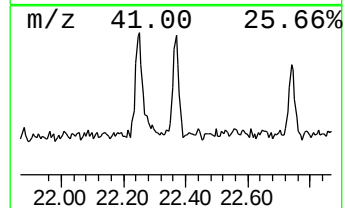
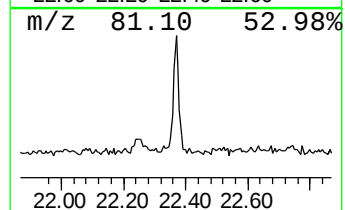
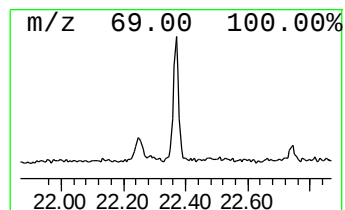
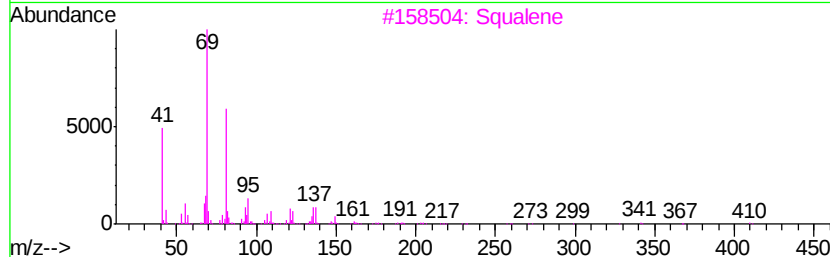
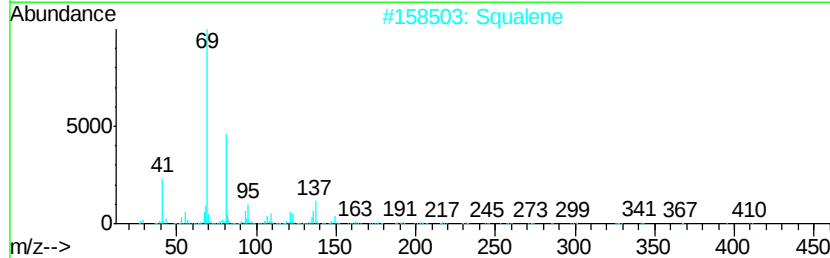
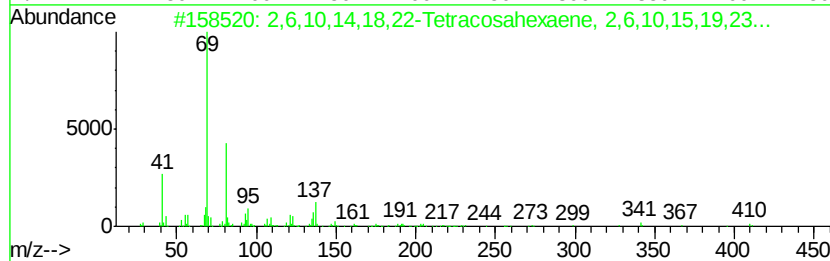
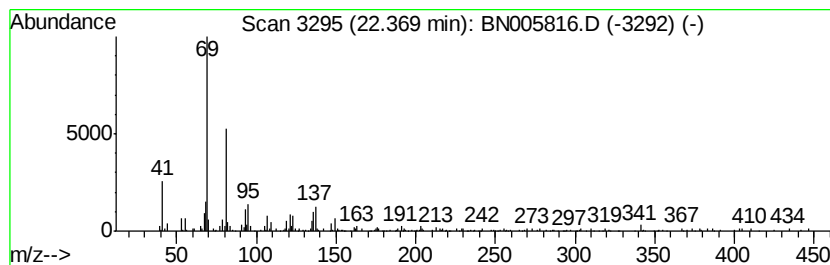
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 2,6,10,14,18,22-Tetracosahexaene... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.37	2.15 ng/ul	172609	Perylene-d12	23.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	93		
2	Squalene	410	C30H50	007683-64-9	83		
3	Squalene	410	C30H50	007683-64-9	83		
4	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	80		
5	3,7,11-Trimethyl-dodeca-2,6,10-t...	236	C15H24O2	007548-13-2	64		



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
Data File : BN005816.D
Acq On : 21 May 2019 00:56
Operator : JU/SJ
Sample : K2693-21
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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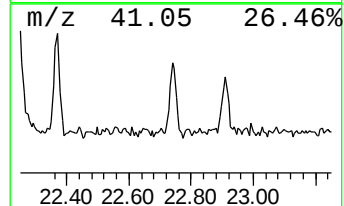
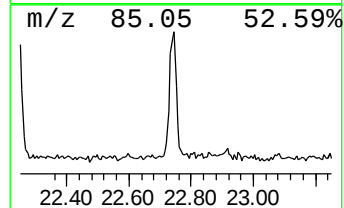
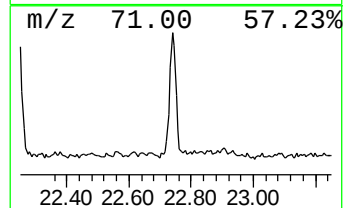
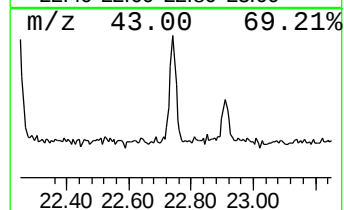
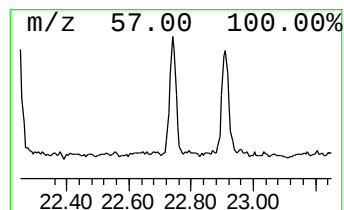
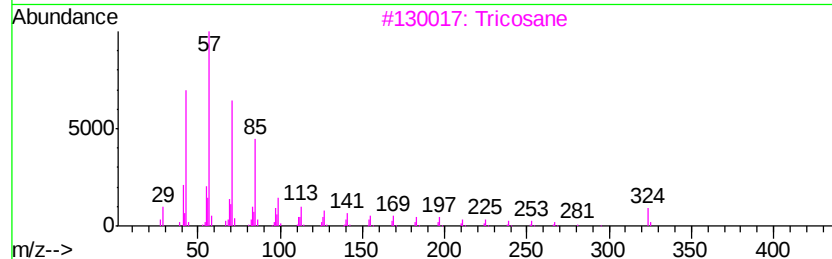
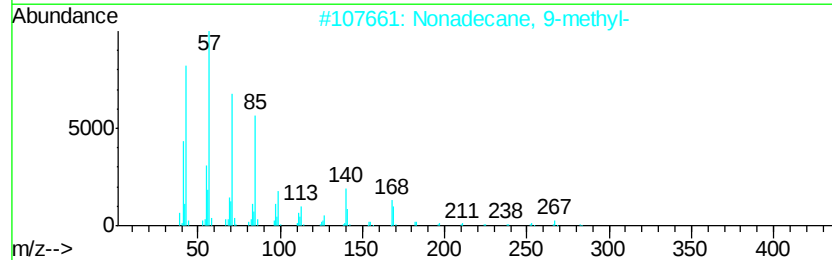
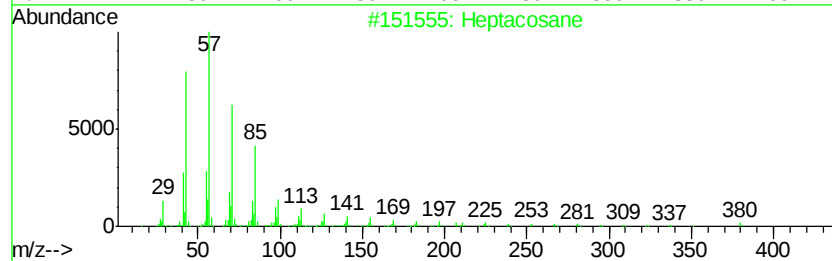
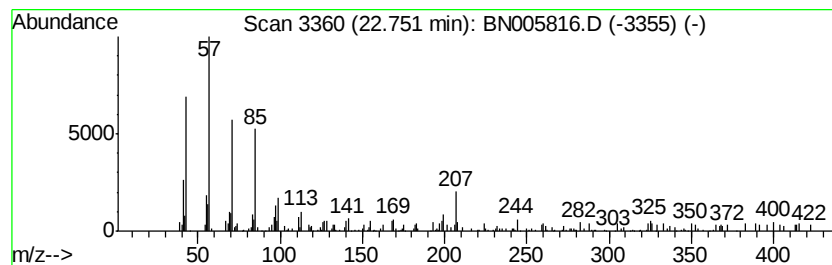
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.75	2.50 ng/ul	200612	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
3		Tricosane	324	C23H48	000638-67-5	81
4		Hexacosane	366	C26H54	000630-01-3	81
5		Tetracosane	338	C24H50	000646-31-1	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
Data File : BN005816.D
Acq On : 21 May 2019 00:56
Operator : JU/SJ
Sample : K2693-21
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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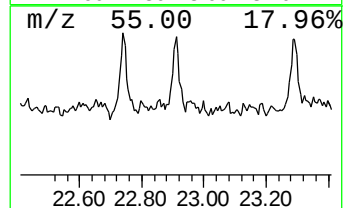
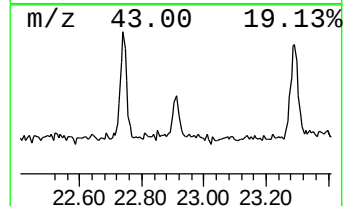
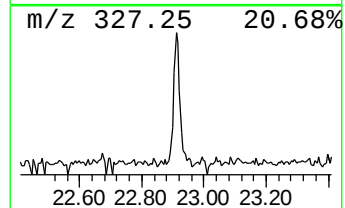
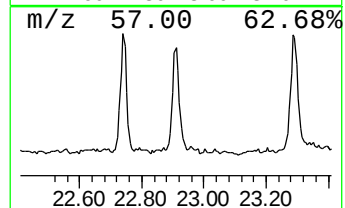
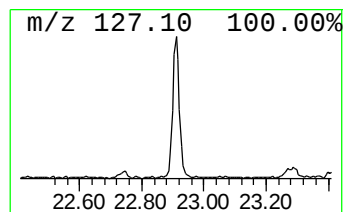
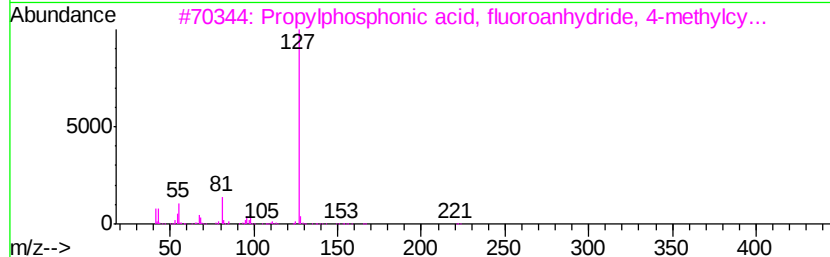
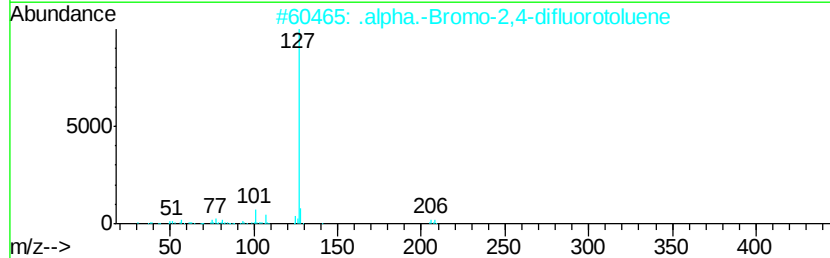
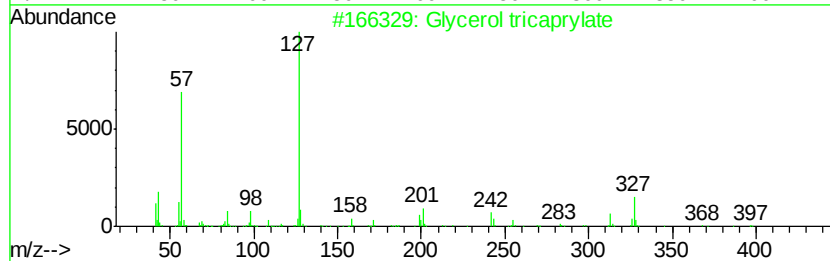
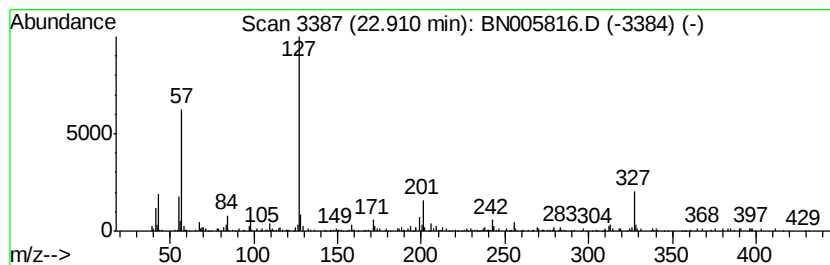
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Glycerol tricaprylate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.91	2.89 ng/ul	232324	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Glycerol tricaprylate	470	C27H50O6	000538-23-8	58
2		.alpha.-Bromo-2,4-difluorotoluene	206	C7H5BrF2	023915-07-3	50
3		Propylphosphonic acid, fluoroanh...	222	C10H20F02P	1000273-53-3	49
4		Phosphonofluoridic acid, (1-meth...	222	C10H20F02P	333416-73-2	47
5		Isopropylphoshonic acid, fluoroa...	222	C10H20F02P	1000273-48-8	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
Data File : BN005816.D
Acq On : 21 May 2019 00:56
Operator : JU/SJ
Sample : K2693-21
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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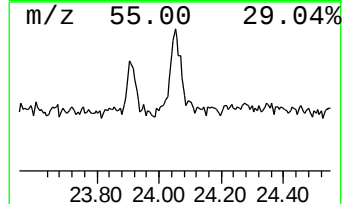
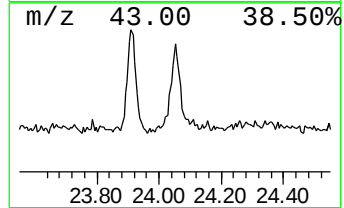
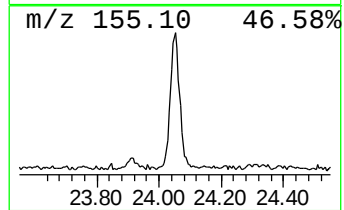
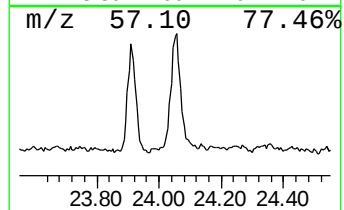
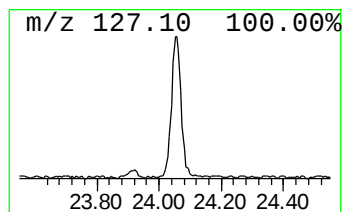
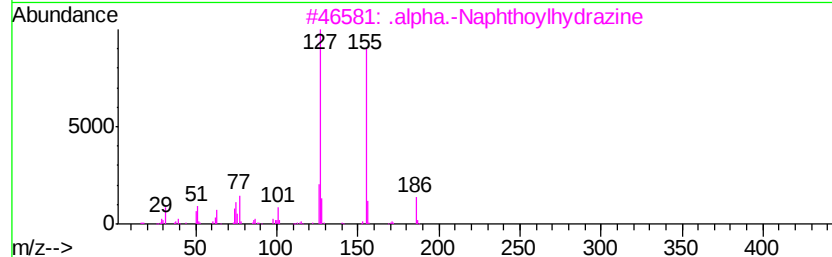
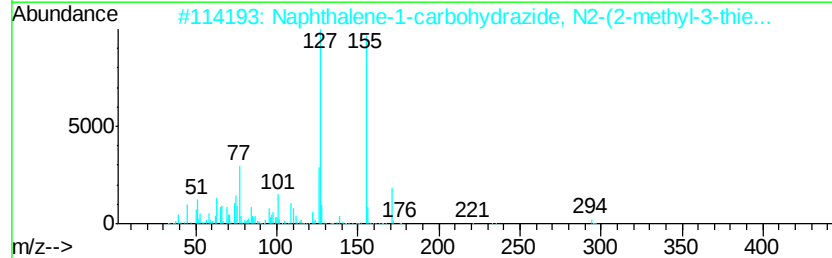
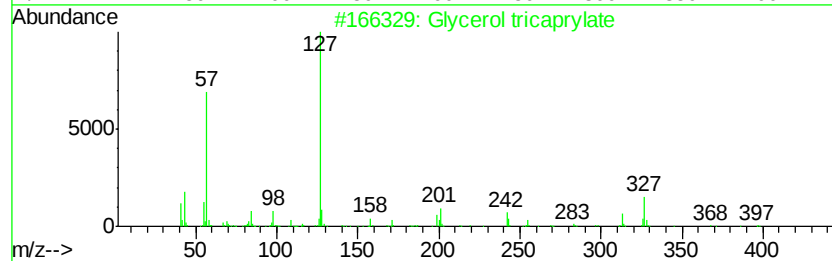
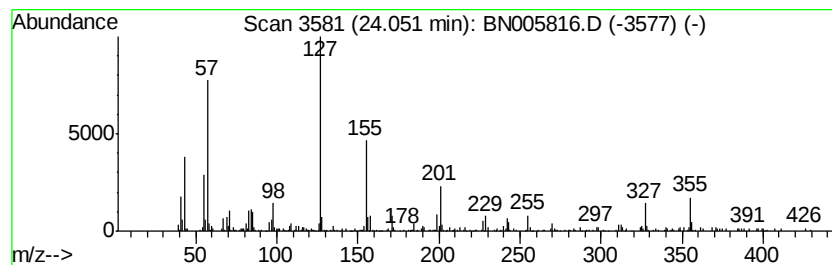
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.05	4.96 ng/ul	398492	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Glycerol tricaprylate	470	C27H50O6	000538-23-8	43
2		Naphthalene-1-carbohydrazide, N2...	294	C17H14N2OS	1000263-63-0	42
3		.alpha.-Naphthoylhydrazine	186	C11H10N2O	043038-45-5	36
4		2,4-Heptanedione, 6-methyl-1-phe...	218	C14H18O2	1000162-99-5	35
5		1-Isopropyl-2-methylpropyl isopr...	224	C10H22FO2P	1000298-27-1	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHF6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.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	17.89	3.5	ng/ul	374788	4	16.97	2116750	20.0
9-Octadecenamide,...	20.33	2.3	ng/ul	205015	5	21.20	1773590	20.0
(DEL) Alkane: Cyc...	20.93	2.6	ng/ul	226589	5	21.20	1773590	20.0
(DEL) Alkane: Str...	22.25	3.3	ng/ul	291763	5	21.20	1773590	20.0
2,6,10,14,18,22-T...	22.37	2.1	ng/ul	172609	6	23.41	1605510	20.0
(DEL) Alkane: Str...	22.75	2.5	ng/ul	200612	6	23.41	1605510	20.0
Glycerol tricapry...	22.91	2.9	ng/ul	232324	6	23.41	1605510	20.0
unknown-01	24.05	5.0	ng/ul	398492	6	23.41	1605510	20.0