

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122419\
 Data File : BN009149.D
 Acq On : 25 Dec 2019 05:19
 Operator : JU
 Sample : K6257-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFF02

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-BN122419MA.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	3.140	22	26	36	rVB	60136	100459	1.24%	0.100%
2	3.452	76	79	81	rBV2	5814	8345	0.10%	0.008%
3	3.628	106	109	111	rBV3	8566	9791	0.12%	0.010%
4	3.828	140	143	151	rVB3	10513	16237	0.20%	0.016%
5	4.722	291	295	299	rBV5	5972	8548	0.11%	0.008%
6	5.705	458	462	465	rBV6	5785	10504	0.13%	0.010%
7	6.716	627	634	644	rBV	1421616	2342463	28.86%	2.329%
8	6.875	654	661	673	rBV	1082826	1656221	20.40%	1.647%
9	7.063	687	693	702	rVB	1327602	2151646	26.51%	2.139%
10	7.522	764	771	781	rBV	1154168	1843577	22.71%	1.833%
11	7.605	781	785	791	rVB4	13392	24117	0.30%	0.024%
12	8.234	885	892	906	rBV	1745520	2802854	34.53%	2.787%
13	8.663	958	965	976	rBV	1449798	2305485	28.40%	2.292%
14	8.846	993	996	1002	rVB6	9037	14214	0.18%	0.014%
15	9.128	1039	1044	1049	rVB3	22721	35912	0.44%	0.036%
16	9.375	1079	1086	1094	rBV	1181825	1947777	24.00%	1.937%
17	9.910	1170	1177	1195	rBV	1779031	2909615	35.84%	2.893%
18	10.281	1233	1240	1247	rBV	1812325	2965652	36.53%	2.949%
19	10.422	1256	1264	1275	rBV	1745112	2970539	36.59%	2.953%
20	11.104	1376	1380	1385	rBV6	7340	13220	0.16%	0.013%
21	11.881	1506	1512	1520	rVB	28141	48008	0.59%	0.048%
22	12.769	1658	1663	1666	rBV5	6857	9778	0.12%	0.010%
23	13.004	1698	1703	1708	rBV6	7076	12659	0.16%	0.013%
24	13.075	1711	1715	1718	rBV4	7283	11540	0.14%	0.011%
25	13.575	1794	1800	1805	rBV	3136913	4334266	53.39%	4.309%
26	13.622	1805	1808	1816	rVV	675411	888379	10.94%	0.883%
27	13.704	1820	1822	1828	rVB4	6895	9901	0.12%	0.010%
28	13.845	1839	1846	1858	rBV	3642824	5295970	65.24%	5.265%
29	14.092	1884	1888	1892	rBV4	10496	15313	0.19%	0.015%
30	14.157	1892	1899	1909	rVB	2966827	4230694	52.12%	4.206%
31	14.369	1929	1935	1954	rBV	1531205	2293133	28.25%	2.280%
32	14.539	1958	1964	1968	rBV6	5744	10525	0.13%	0.010%
33	14.592	1968	1973	1978	rBV6	21650	37725	0.46%	0.038%
34	15.004	2038	2043	2046	rBV5	8356	14323	0.18%	0.014%

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35	15.045	2046	2050	2054	rVB2	19041	24056	0.30%	0.024%
36	15.157	2062	2069	2082	rVB	4739822	6494287	80.00%	6.457%
37	15.286	2085	2091	2099	rBV	1474073	1975850	24.34%	1.964%
38	15.392	2105	2109	2114	rVB2	49654	67870	0.84%	0.067%
39	15.604	2140	2145	2150	rVB2	25386	34368	0.42%	0.034%
40	15.863	2185	2189	2191	rVV4	6740	8535	0.11%	0.008%
41	15.910	2193	2197	2199	rBV4	15400	19028	0.23%	0.019%
42	15.939	2199	2202	2208	rVB4	20782	32528	0.40%	0.032%
43	16.069	2220	2224	2228	rBV5	5599	9052	0.11%	0.009%
44	16.586	2309	2312	2317	rVB6	9006	10421	0.13%	0.010%
45	16.692	2325	2330	2338	rBV2	24987	46216	0.57%	0.046%
46	16.904	2360	2366	2373	rBV	3611740	5001062	61.61%	4.972%
47	17.004	2375	2383	2395	rBV	5132829	6964895	85.80%	6.925%
48	17.116	2397	2402	2406	rVB6	34022	43947	0.54%	0.044%
49	17.169	2408	2411	2417	rBV8	11817	15797	0.19%	0.016%
50	17.322	2430	2437	2442	rBV2	47813	74062	0.91%	0.074%
51	17.833	2519	2524	2530	rBV2	251918	398404	4.91%	0.396%
52	18.133	2571	2575	2580	rBV4	21184	32207	0.40%	0.032%
53	18.263	2594	2597	2601	rBV3	28492	35293	0.43%	0.035%
54	18.557	2645	2647	2650	rVB4	8373	8419	0.10%	0.008%
55	18.651	2658	2663	2665	rBV4	13804	22623	0.28%	0.022%
56	18.775	2681	2684	2689	rVB3	21593	24552	0.30%	0.024%
57	18.939	2707	2712	2717	rBV	63237	97985	1.21%	0.097%
58	19.122	2740	2743	2748	rBV5	29891	37077	0.46%	0.037%
59	19.192	2750	2755	2758	rVV	64562	88529	1.09%	0.088%
60	19.310	2766	2775	2781	rBV	5900468	8117379	100.00%	8.071%
61	19.357	2781	2783	2787	rVV2	41325	54928	0.68%	0.055%
62	19.392	2787	2789	2795	rVB3	34237	41488	0.51%	0.041%
63	19.863	2865	2869	2872	rBV5	71571	96151	1.18%	0.096%
64	19.898	2872	2875	2879	rVB2	71548	80038	0.99%	0.080%
65	20.398	2957	2960	2963	rVB	142222	142340	1.75%	0.142%
66	20.851	3033	3037	3044	rBV	2702580	3697453	45.55%	3.676%
67	21.110	3076	3081	3089	rBV	4624025	5584107	68.79%	5.552%
68	21.298	3110	3113	3120	rBV	373050	435458	5.36%	0.433%
69	21.721	3182	3185	3193	rBV3	452066	740573	9.12%	0.736%
70	22.163	3256	3260	3265	rBV	577239	708155	8.72%	0.704%
71	22.645	3338	3342	3346	rBV	650975	827267	10.19%	0.822%

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72	23.115	3415	3422	3428	rBV	4389149	7428596	91.51%	7.386%
73	23.180	3428	3433	3438	rVV	702967	1082620	13.34%	1.076%
74	23.245	3438	3444	3454	rVB	3020761	5370023	66.15%	5.339%
75	23.786	3531	3536	3542	rVB	588419	994929	12.26%	0.989%
76	23.863	3544	3549	3559	rVB	603386	1284524	15.82%	1.277%
77	24.480	3649	3654	3660	rVB	468515	977665	12.04%	0.972%

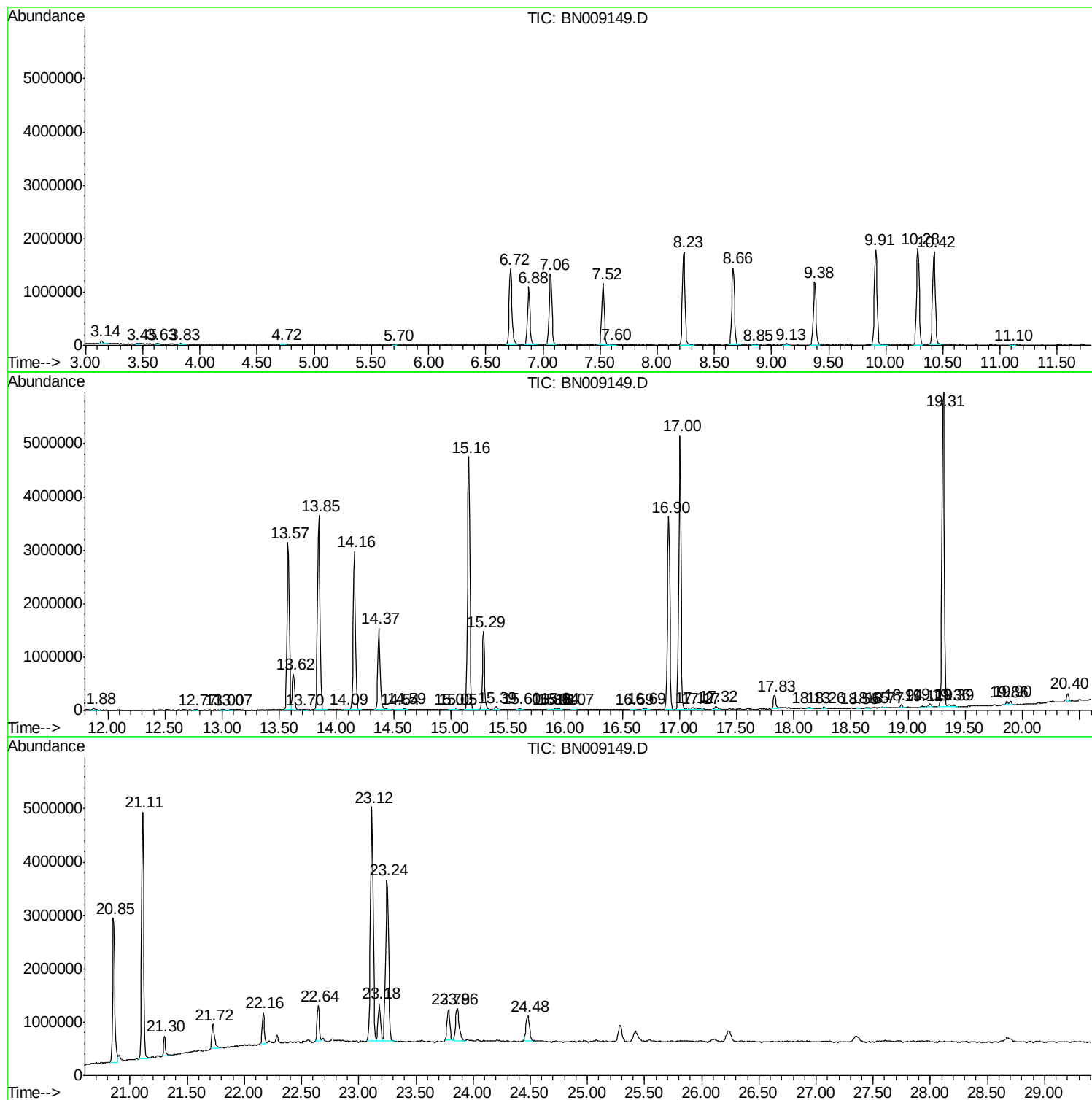
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION

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



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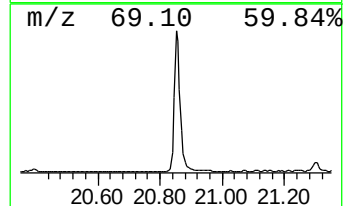
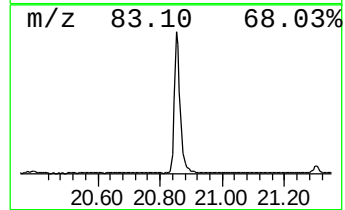
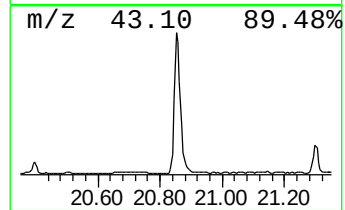
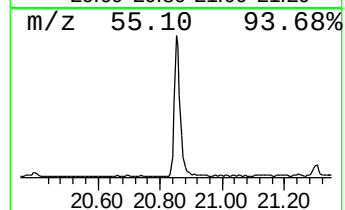
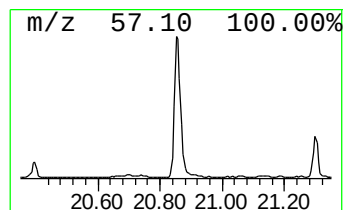
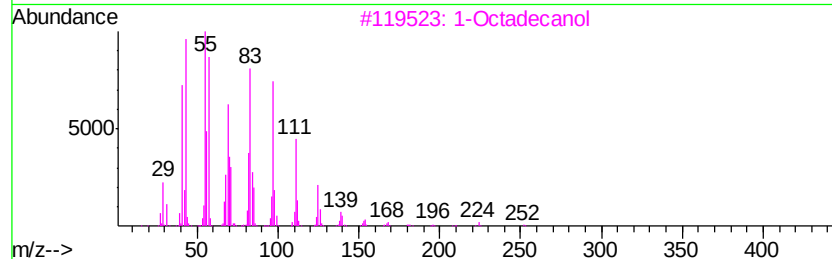
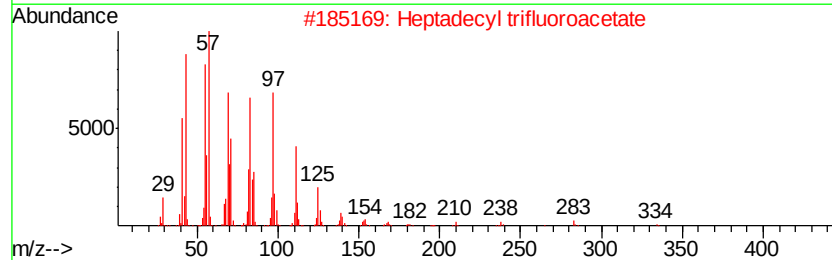
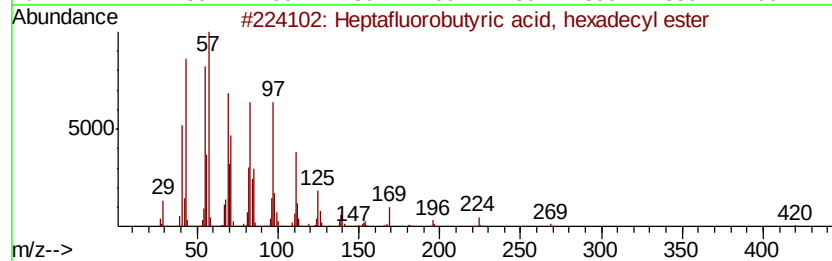
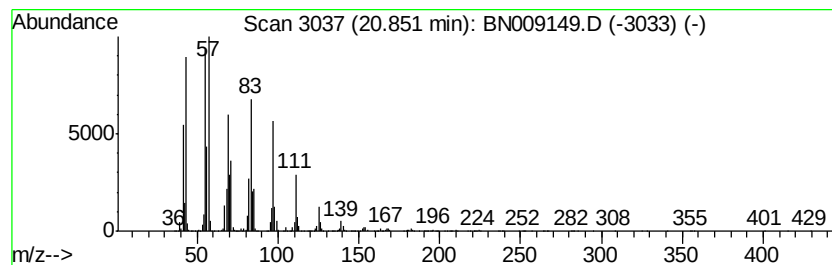
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Heptafluorobutyric acid, he... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.85	13.24 ng/ul	3697450	Chrysene-d12	21.11		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
2		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
3		1-Octadecanol	270	C18H38O	000112-92-5	91
4		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91



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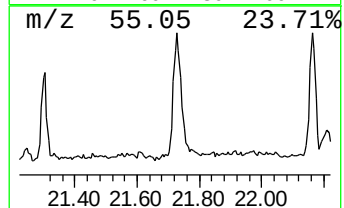
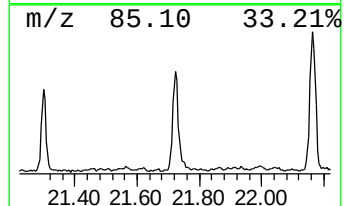
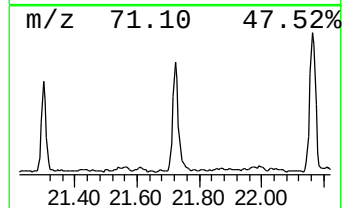
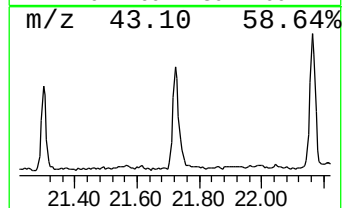
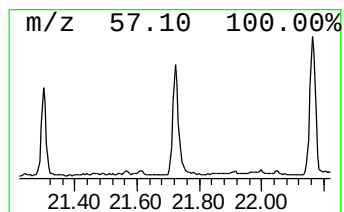
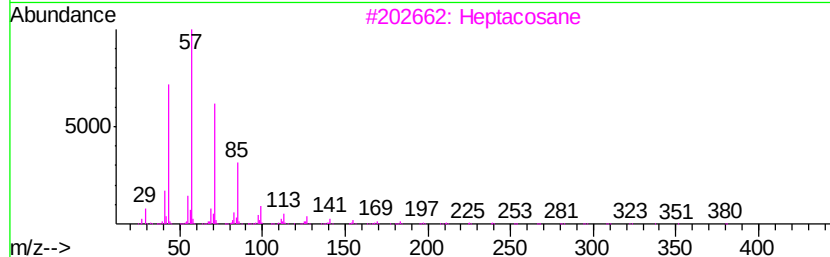
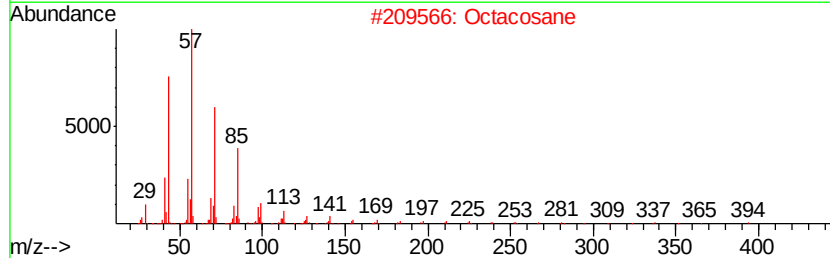
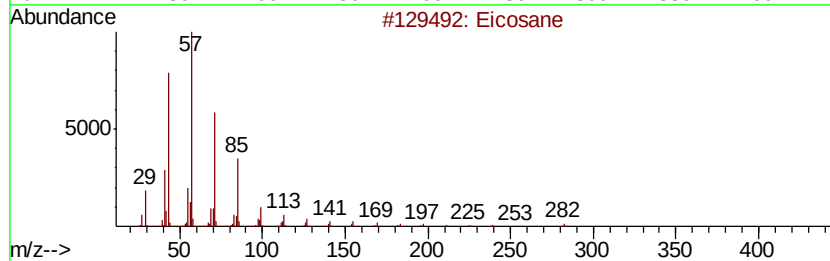
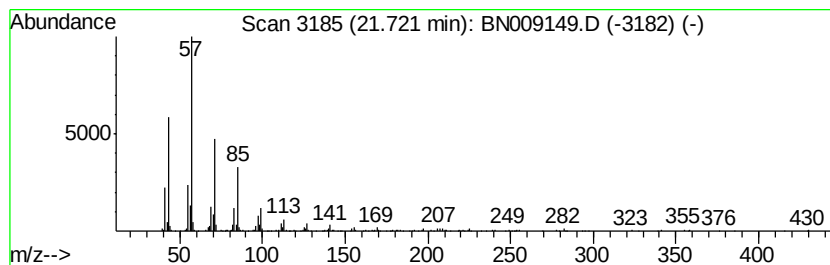
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.72	2.65 ng/ul	740573	Chrysene-d12	21.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Octacosane	394	C28H58	000630-02-4	90
3		Heptacosane	380	C27H56	000593-49-7	87
4		Hentriacontane	437	C31H64	000630-04-6	87
5		Hexadecane	226	C16H34	000544-76-3	87



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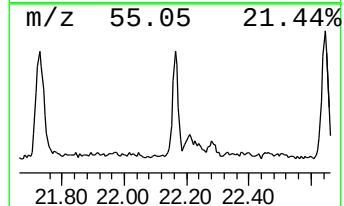
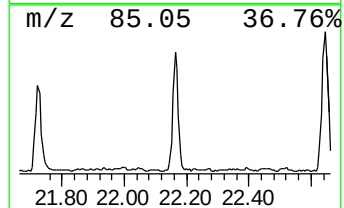
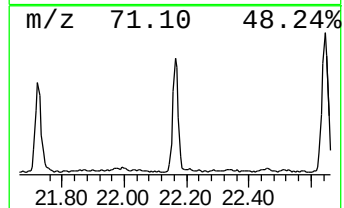
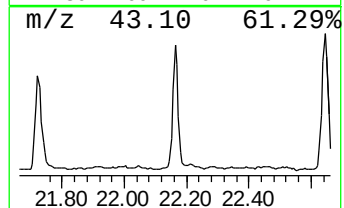
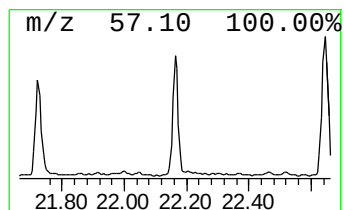
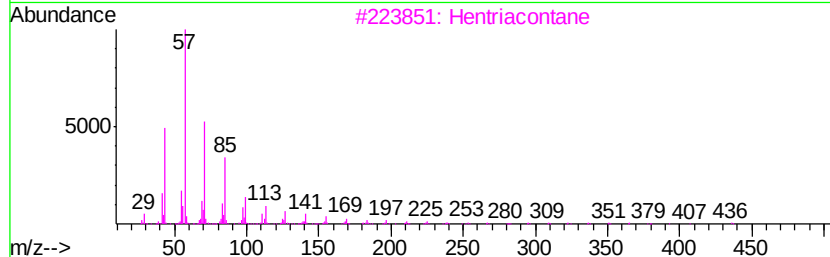
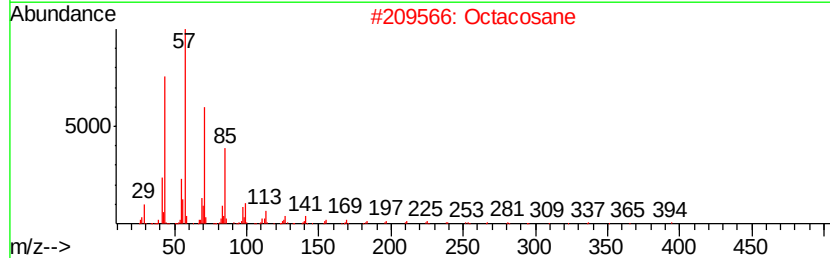
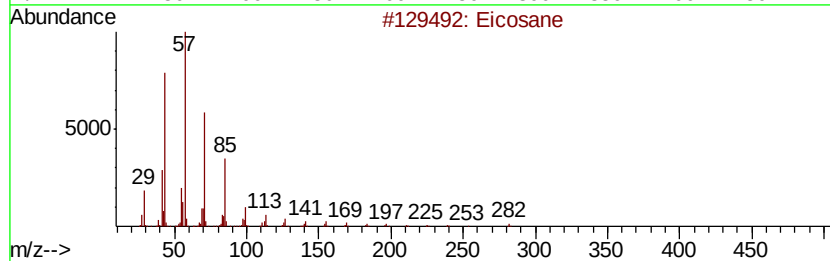
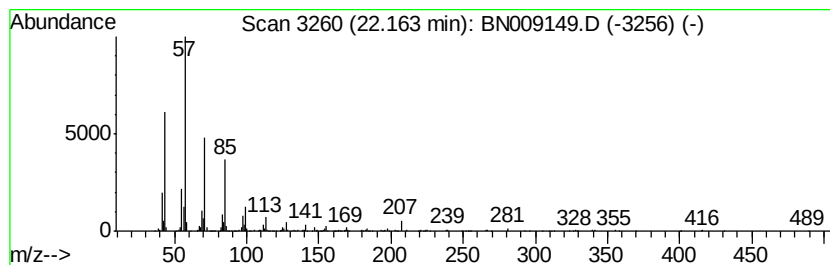
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.16	2.54 ng/ul	708155	Chrysene-d12	21.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	87
2		Octacosane	394	C28H58	000630-02-4	87
3		Hentriacontane	437	C31H64	000630-04-6	83
4		3,5-Dimethyldodecane	198	C14H30	107770-99-0	83
5		Heptacosane	380	C27H56	000593-49-7	83



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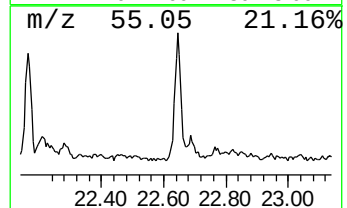
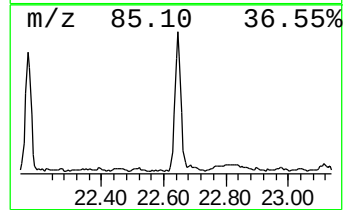
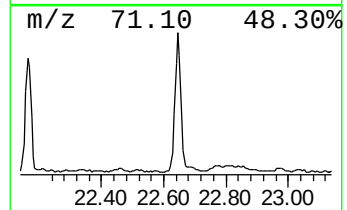
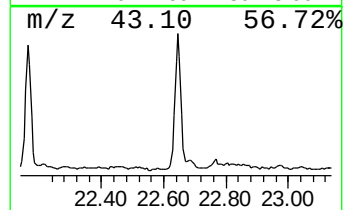
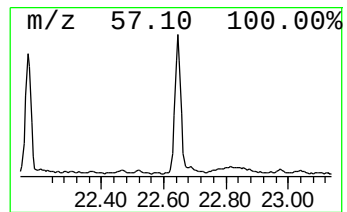
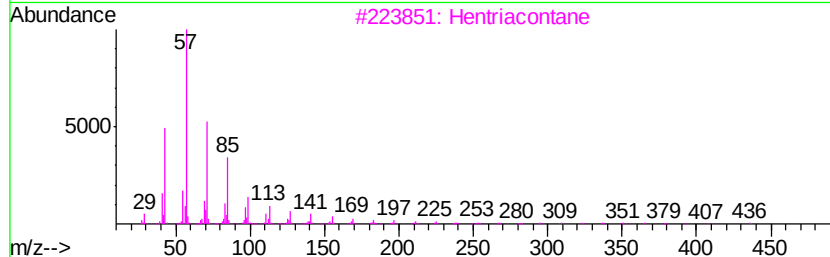
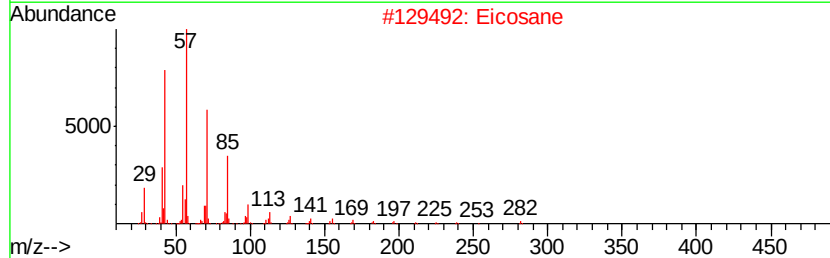
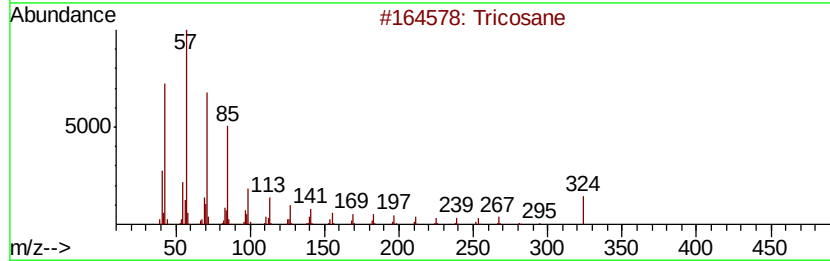
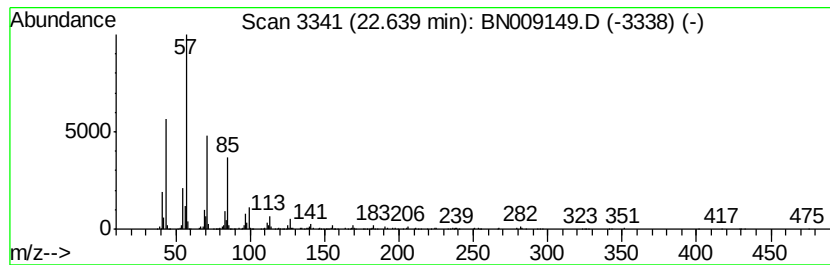
Instrument :
BNA_N
ClientSampleId :
BFF02

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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 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.64	3.08 ng/ul	827267	Perylene-d12	23.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	94
2	Eicosane	282	C20H42	000112-95-8	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Eicosane, 3-methyl-	296	C21H44	006418-46-8	90
5	Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122419\
Data File : BN009149.D
Acq On : 25 Dec 2019 05:19
Operator : JU
Sample : K6257-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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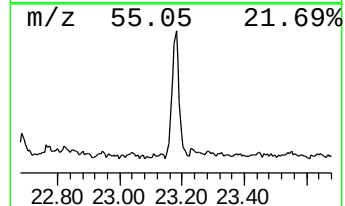
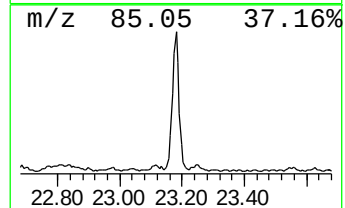
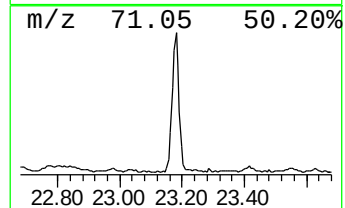
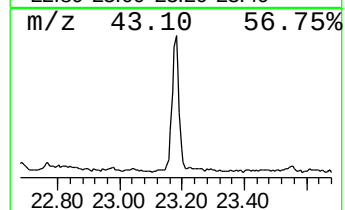
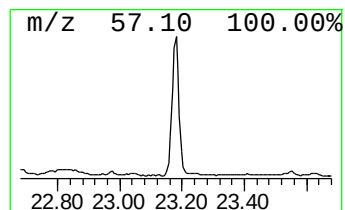
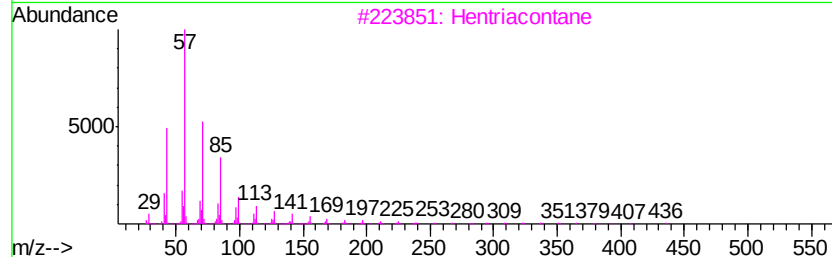
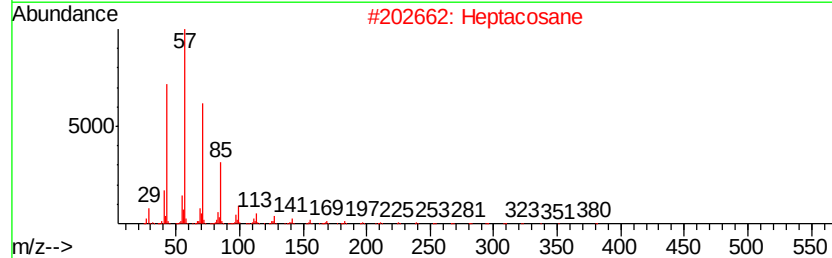
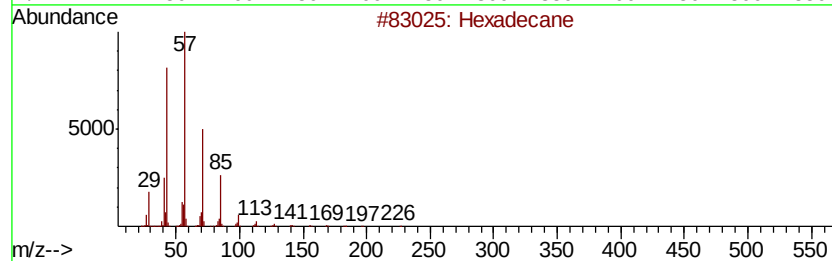
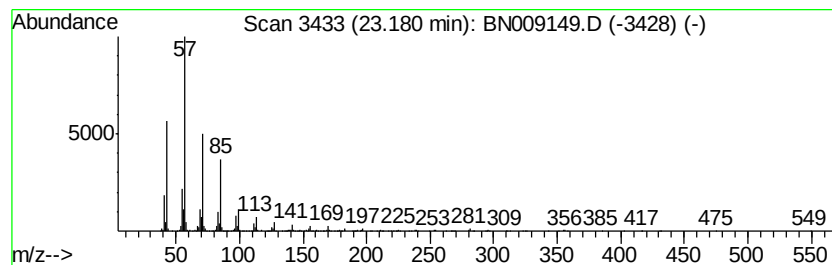
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	4.03 ng/ul	1082620	Perylene-d12	23.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Hentriacontane	437	C31H64	000630-04-6	91
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	90
5		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122419\
Data File : BN009149.D
Acq On : 25 Dec 2019 05:19
Operator : JU
Sample : K6257-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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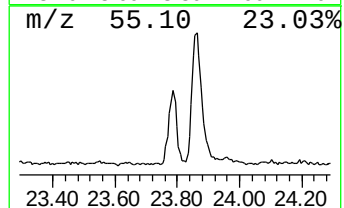
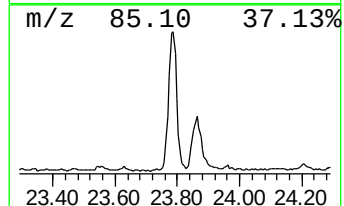
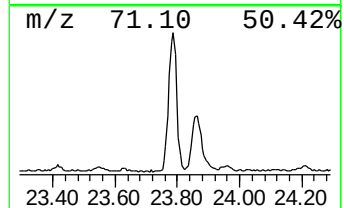
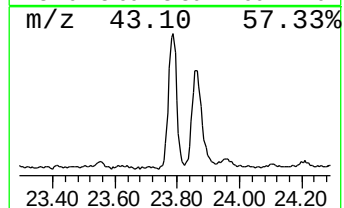
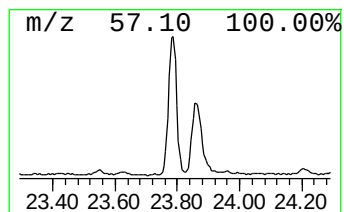
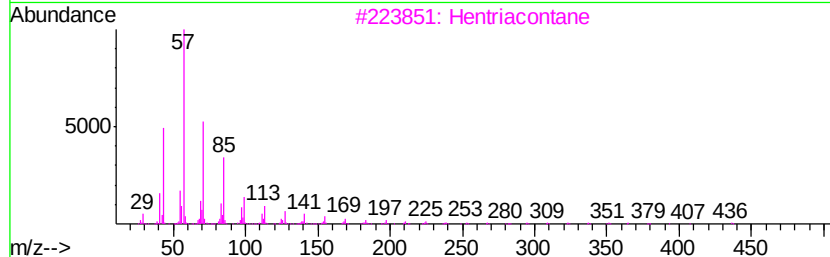
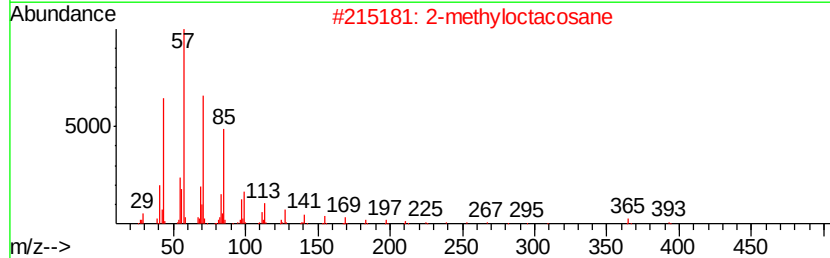
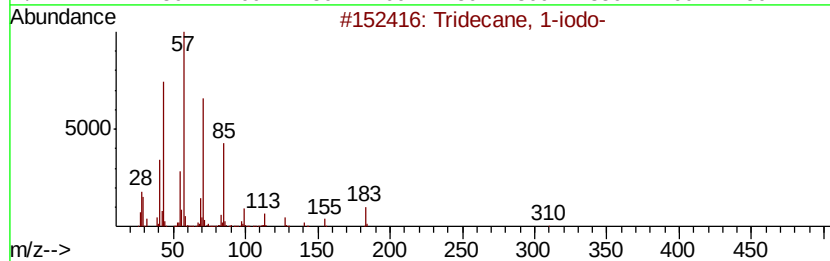
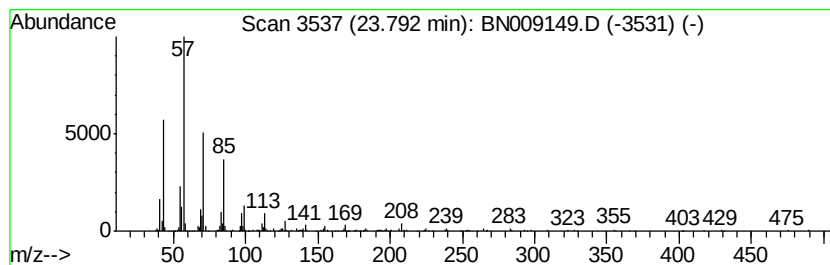
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Tridecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.79	3.71 ng/ul	994929	Perylene-d12	23.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
2		2-methyloctacosane	408	C29H60	1000376-72-8	87
3		Hentriacontane	437	C31H64	000630-04-6	87
4		Pentacosane	352	C25H52	000629-99-2	86
5		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122419\
Data File : BN009149.D
Acq On : 25 Dec 2019 05:19
Operator : JU
Sample : K6257-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

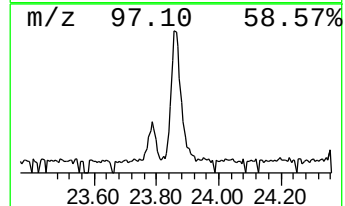
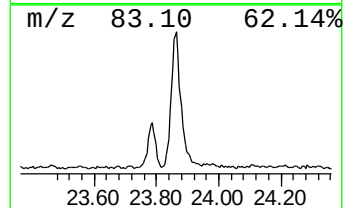
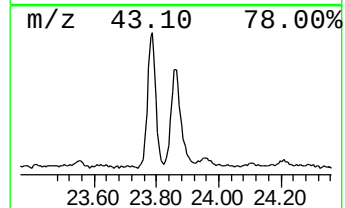
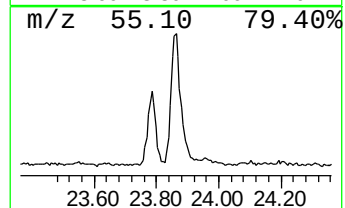
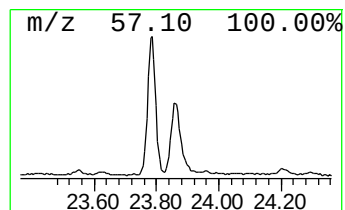
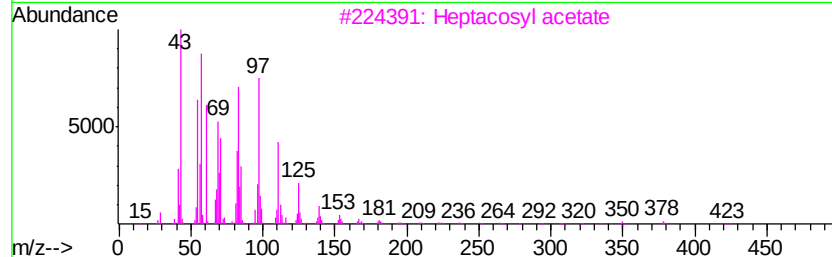
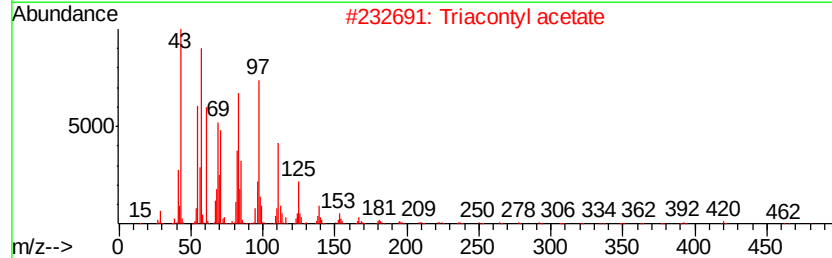
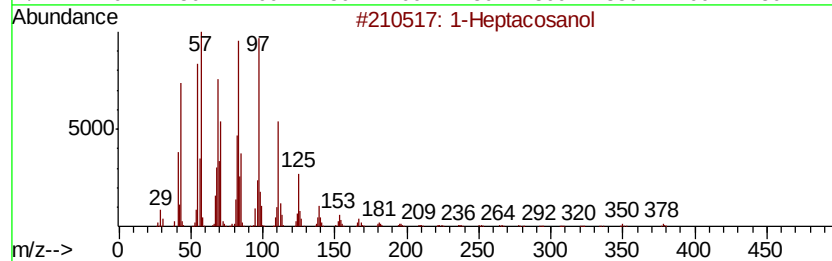
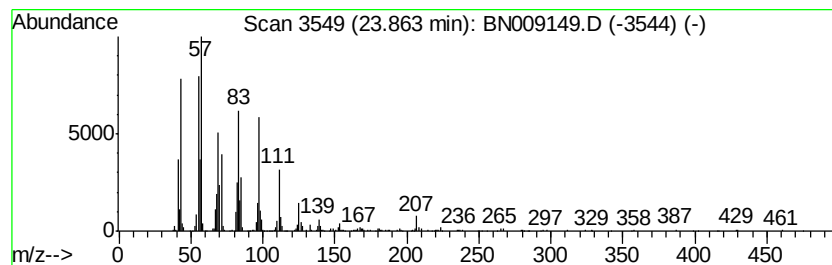
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 1-Heptacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	4.78 ng/ul	1284520	Perylene-d12	23.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Heptacosanol	396 C27H56O	002004-39-9 95
2		Triacontyl acetate	480 C32H64O2	041755-58-2 95
3		Heptacosyl acetate	438 C29H58O2	1000351-78-2 94
4		Octacosanol	410 C28H58O	000557-61-9 94
5		Nonadecyl pentafluoropropionate	430 C22H39F5O2	1000351-88-8 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122419\
Data File : BN009149.D
Acq On : 25 Dec 2019 05:19
Operator : JU
Sample : K6257-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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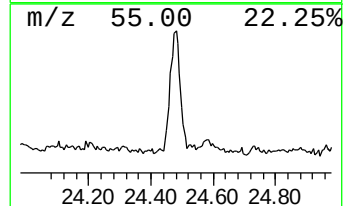
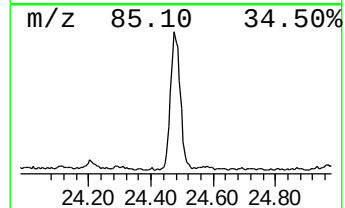
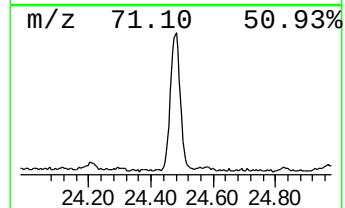
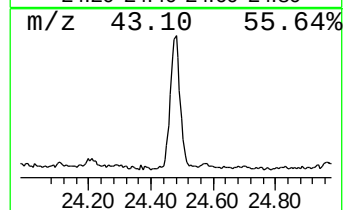
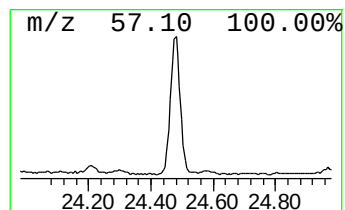
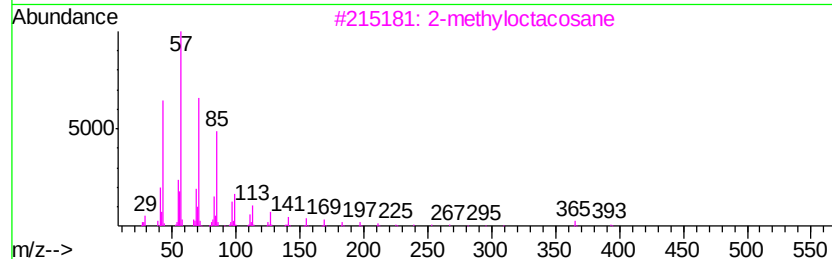
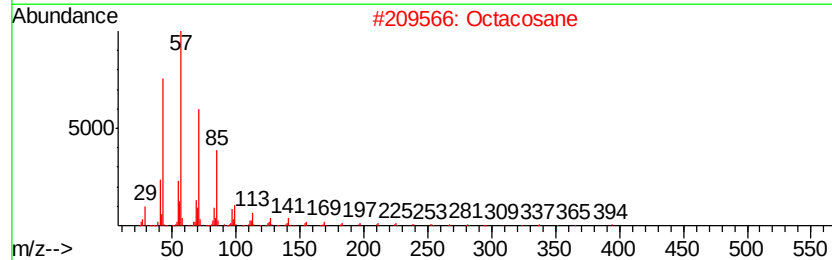
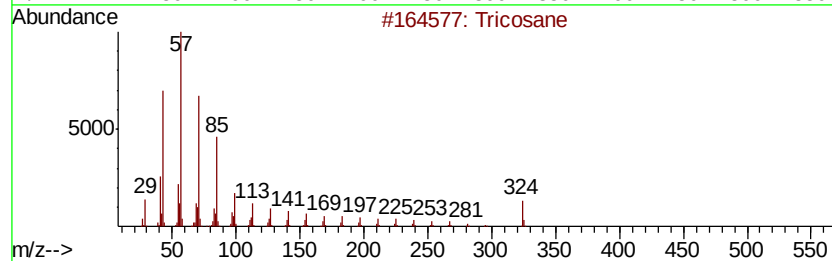
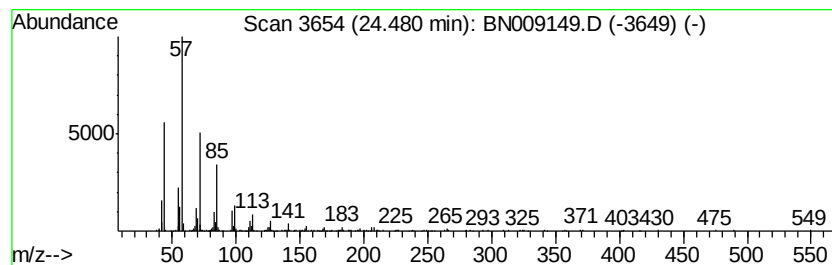
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.48	3.64 ng/ul	977665	Perylene-d12	23.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	90
2		Octacosane	394	C28H58	000630-02-4	87
3		2-methyloctacosane	408	C29H60	1000376-72-8	87
4		Tricosane	324	C23H48	000638-67-5	86
5		Hentriacontane	437	C31H64	000630-04-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122419\
Data File : BN009149.D
Acq On : 25 Dec 2019 05:19
Operator : JU
Sample : K6257-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFF02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.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
Heptafluorobutyri...	20.85	13.2	ng/ul	3697450	5	21.11	5584110	20.0
(DEL) Alkane: Str...	21.72	2.6	ng/ul	740573	5	21.11	5584110	20.0
(DEL) Alkane: Str...	22.16	2.5	ng/ul	708155	5	21.11	5584110	20.0
(DEL) Alkane: Str...	22.64	3.1	ng/ul	827267	6	23.24	5370020	20.0
(DEL) Alkane: Str...	23.18	4.0	ng/ul	1082620	6	23.24	5370020	20.0
Tridecane, 1-iodo-	23.79	3.7	ng/ul	994929	6	23.24	5370020	20.0
1-Heptacosanol	23.86	4.8	ng/ul	1284520	6	23.24	5370020	20.0
(DEL) Alkane: Str...	24.48	3.6	ng/ul	977665	6	23.24	5370020	20.0