

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122419\
 Data File : BN009145.D
 Acq On : 25 Dec 2019 02:56
 Operator : JU
 Sample : K6257-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFEW9

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	35	rVB	38171	60453	1.07%	0.083%
2	3.534	90	93	99	rBV	23973	34586	0.61%	0.047%
3	3.628	105	109	118	rBV	102448	150965	2.66%	0.207%
4	3.699	118	121	124	rVV	18469	20138	0.35%	0.028%
5	3.752	125	130	138	rVB	32333	62833	1.11%	0.086%
6	3.834	140	144	149	rBV2	12115	18544	0.33%	0.025%
7	4.052	176	181	184	rBV4	16609	23599	0.42%	0.032%
8	4.193	200	205	213	rBV4	6954	15308	0.27%	0.021%
9	4.363	231	234	239	rBV5	10405	15214	0.27%	0.021%
10	4.446	243	248	252	rBV5	11689	18120	0.32%	0.025%
11	4.546	261	265	268	rBV5	4809	7658	0.13%	0.011%
12	4.716	289	294	306	rBV	43776	81701	1.44%	0.112%
13	4.822	308	312	318	rBV2	14390	26105	0.46%	0.036%
14	6.716	627	634	649	rBV	880599	1484440	26.15%	2.039%
15	6.875	654	661	673	rVV	663094	1024496	18.05%	1.407%
16	7.063	687	693	705	rBV	852446	1357355	23.92%	1.864%
17	7.175	707	712	714	rBV5	6120	9003	0.16%	0.012%
18	7.369	741	745	750	rBV5	2873	5683	0.10%	0.008%
19	7.522	765	771	781	rBV	1148276	1818357	32.04%	2.497%
20	7.604	781	785	793	rVB3	14406	23807	0.42%	0.033%
21	8.234	884	892	906	rBV	709933	1192856	21.02%	1.638%
22	8.340	906	910	914	rVB3	14727	23116	0.41%	0.032%
23	8.663	958	965	978	rVB	881312	1417579	24.98%	1.947%
24	8.846	992	996	1004	rVB7	6379	11797	0.21%	0.016%
25	9.128	1039	1044	1050	rVB2	17164	29426	0.52%	0.040%
26	9.375	1079	1086	1096	rBV	702233	1162712	20.49%	1.597%
27	9.910	1170	1177	1189	rBV	1066330	1775750	31.29%	2.439%
28	10.081	1201	1206	1211	rVB4	4979	9605	0.17%	0.013%
29	10.281	1229	1240	1249	rBV	1760825	2876743	50.68%	3.951%
30	10.422	1258	1264	1279	rBV	717574	1328919	23.41%	1.825%
31	11.110	1377	1381	1383	rBV4	5605	7460	0.13%	0.010%
32	11.834	1496	1504	1507	rBV7	12325	28099	0.50%	0.039%
33	11.881	1507	1512	1518	rVB3	20410	34278	0.60%	0.047%
34	13.010	1700	1704	1707	rVB6	7569	10875	0.19%	0.015%

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35	13.075	1710	1715	1718	rVB4	5715	7644	0.13%	0.010%
36	13.392	1766	1769	1773	rBV4	4635	6269	0.11%	0.009%
37	13.486	1782	1785	1789	rVB4	4848	6213	0.11%	0.009%
38	13.575	1794	1800	1805	rBV	1986557	2741364	48.30%	3.765%
39	13.622	1805	1808	1814	rVB	343696	454086	8.00%	0.624%
40	13.845	1839	1846	1856	rBV	2230194	3276011	57.72%	4.499%
41	14.092	1883	1888	1892	rBV3	10357	13995	0.25%	0.019%
42	14.157	1892	1899	1909	rVB	2814089	4059142	71.52%	5.574%
43	14.263	1916	1917	1922	rVB4	5580	7245	0.13%	0.010%
44	14.369	1929	1935	1951	rBV	732175	1154060	20.33%	1.585%
45	14.522	1957	1961	1968	rBV5	33403	60234	1.06%	0.083%
46	14.592	1968	1973	1981	rVV2	115828	174762	3.08%	0.240%
47	14.645	1981	1982	1987	rVB3	7614	8029	0.14%	0.011%
48	14.716	1991	1994	1999	rVB5	5071	8587	0.15%	0.012%
49	14.786	2003	2006	2011	rBV7	4844	8977	0.16%	0.012%
50	14.833	2011	2014	2018	rVB6	6293	8085	0.14%	0.011%
51	14.992	2036	2041	2047	rBV7	8589	17553	0.31%	0.024%
52	15.051	2047	2051	2056	rVB2	15657	16837	0.30%	0.023%
53	15.157	2062	2069	2078	rBV	3007271	4213180	74.23%	5.786%
54	15.228	2078	2081	2085	rVB3	25028	30007	0.53%	0.041%
55	15.286	2085	2091	2101	rBV	798864	1139735	20.08%	1.565%
56	15.398	2106	2110	2115	rVV	35141	48746	0.86%	0.067%
57	15.451	2118	2119	2125	rVB6	9406	10494	0.18%	0.014%
58	15.610	2141	2146	2150	rBV4	12751	16858	0.30%	0.023%
59	15.916	2193	2198	2199	rBV3	14535	16967	0.30%	0.023%
60	15.939	2199	2202	2207	rVB7	18566	25437	0.45%	0.035%
61	16.339	2268	2270	2274	rVB4	5510	7997	0.14%	0.011%
62	16.463	2286	2291	2296	rBV2	53889	73060	1.29%	0.100%
63	16.516	2298	2300	2303	rVB3	5444	6729	0.12%	0.009%
64	16.698	2325	2331	2338	rBV4	26864	53138	0.94%	0.073%
65	16.757	2338	2341	2344	rVV5	14504	18933	0.33%	0.026%
66	16.792	2344	2347	2350	rVB4	5674	7007	0.12%	0.010%
67	16.904	2360	2366	2375	rBV	3439748	4770585	84.05%	6.552%
68	17.004	2377	2383	2391	rBV2	3156249	4323003	76.17%	5.937%
69	17.116	2399	2402	2410	rVB8	22280	34763	0.61%	0.048%
70	17.322	2430	2437	2441	rVV3	69336	109204	1.92%	0.150%
71	17.439	2455	2457	2461	rVB4	9490	8432	0.15%	0.012%

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72	17.833	2519	2524	2532	rBV	178843	302009	5.32%	0.415%
73	18.133	2570	2575	2584	rBV2	123956	251767	4.44%	0.346%
74	18.263	2594	2597	2601	rBV	58210	70789	1.25%	0.097%
75	18.704	2670	2672	2678	rVB7	22437	29628	0.52%	0.041%
76	18.774	2681	2684	2687	rBV5	21151	27477	0.48%	0.038%
77	18.939	2708	2712	2715	rBV	47339	63033	1.11%	0.087%
78	19.127	2740	2744	2746	rBV5	26960	35109	0.62%	0.048%
79	19.192	2751	2755	2761	rVV2	42240	66550	1.17%	0.091%
80	19.304	2768	2774	2781	rBV	4245568	5675737	100.00%	7.795%
81	19.363	2781	2784	2787	rVB	28695	34258	0.60%	0.047%
82	19.863	2866	2869	2872	rBV4	49265	63333	1.12%	0.087%
83	19.898	2872	2875	2881	rVB	76307	85804	1.51%	0.118%
84	20.398	2957	2960	2963	rVB2	123580	128501	2.26%	0.176%
85	20.851	3033	3037	3043	rBV	2231613	3053800	53.80%	4.194%
86	21.110	3076	3081	3086	rBV	4284231	5244032	92.39%	7.202%
87	21.298	3110	3113	3118	rBV	344018	414419	7.30%	0.569%
88	21.721	3182	3185	3192	rBV3	438841	685702	12.08%	0.942%
89	22.163	3257	3260	3264	rVB	483629	571296	10.07%	0.785%
90	22.645	3339	3342	3347	rVB	550740	654560	11.53%	0.899%
91	23.115	3416	3422	3428	rVV	2719120	4663106	82.16%	6.404%
92	23.180	3429	3433	3438	rVV	606808	900939	15.87%	1.237%
93	23.251	3439	3445	3453	rVB	2649507	4795103	84.48%	6.585%
94	23.786	3532	3536	3543	rVB	532657	879929	15.50%	1.208%
95	23.862	3545	3549	3559	rVB3	514264	1008527	17.77%	1.385%

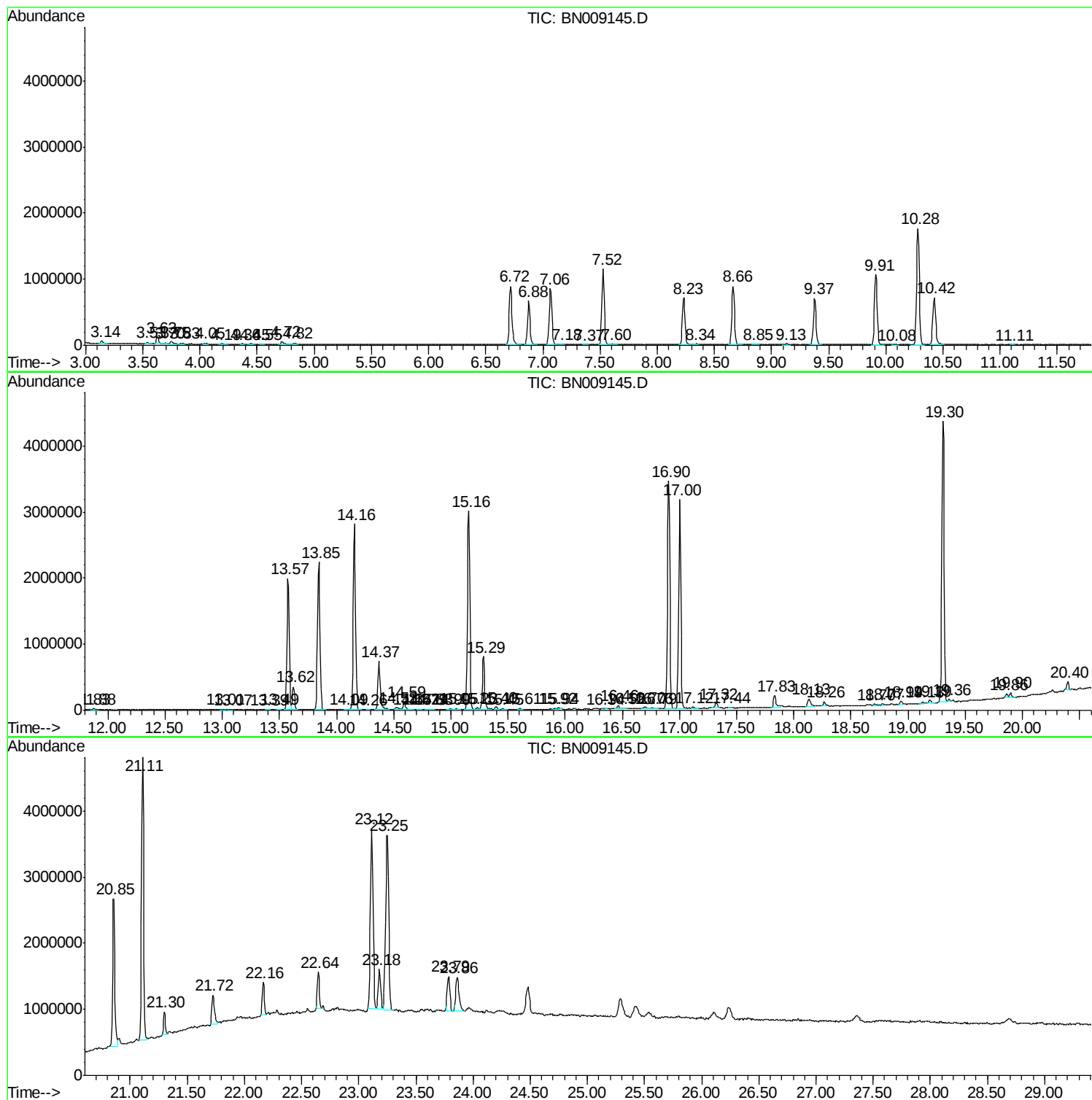
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION

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



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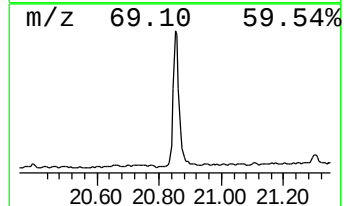
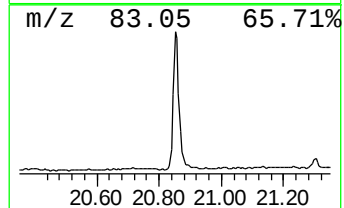
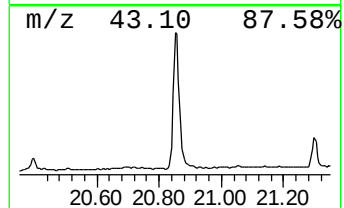
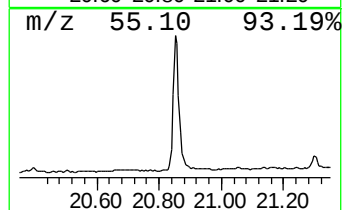
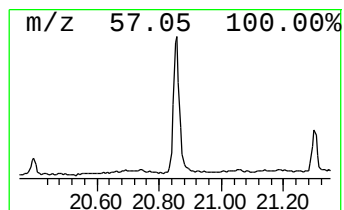
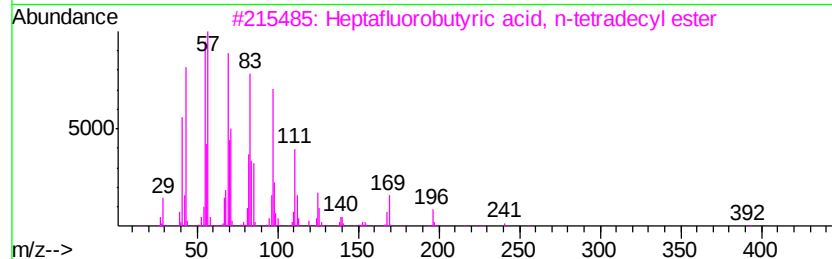
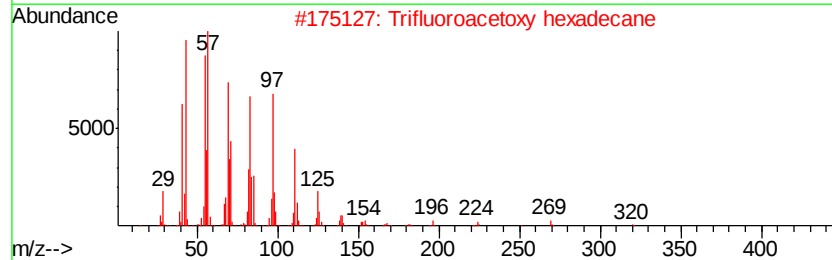
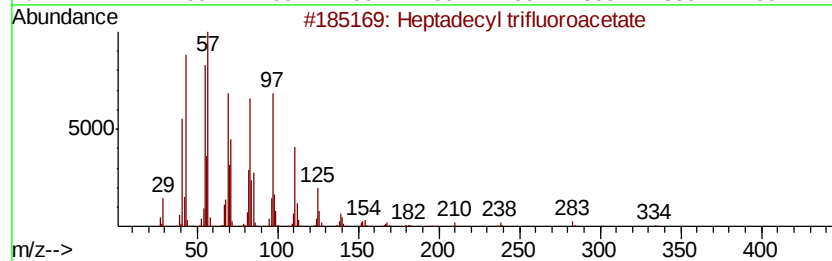
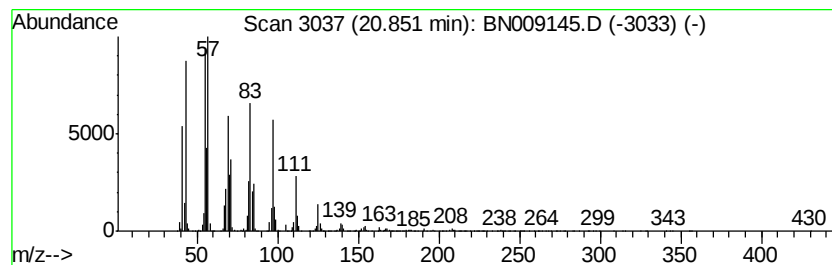
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Heptadecyl trifluoroacetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	11.65 ng/ul	3053800	Chrysene-d12	21.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
2		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
4		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
5		1-Hexadecanol	242	C16H34O	036653-82-4	91



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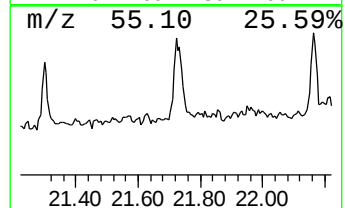
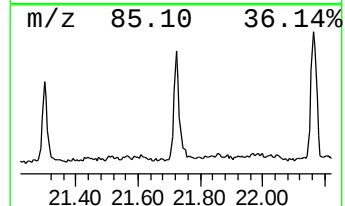
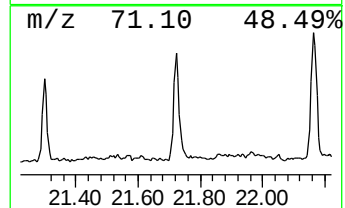
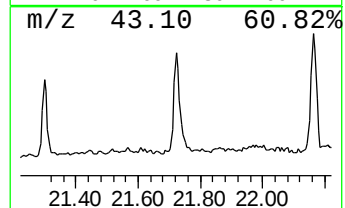
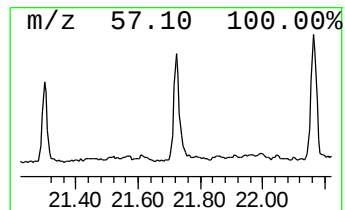
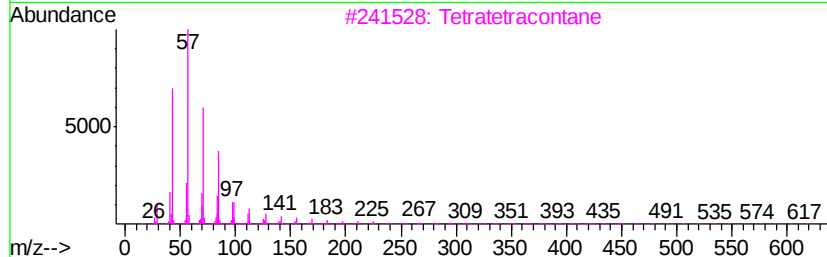
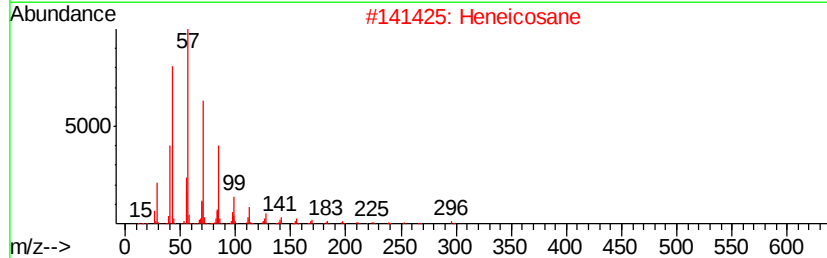
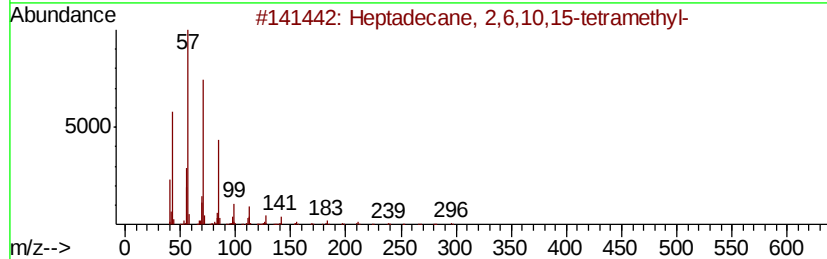
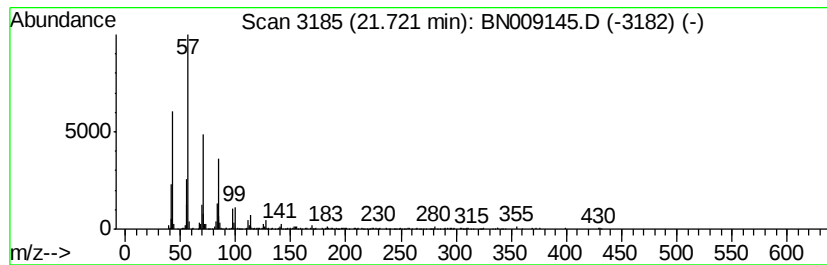
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.72	2.62 ng/ul	685702	Chrysene-d12	21.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2		Heneicosane	296	C21H44	000629-94-7	83
3		Tetratetracontane	619	C44H90	007098-22-8	83
4		Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	81
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	80



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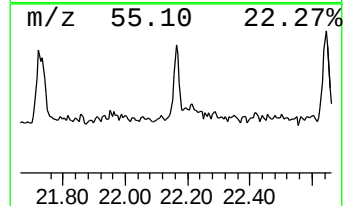
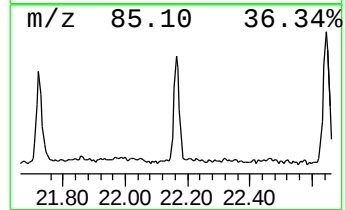
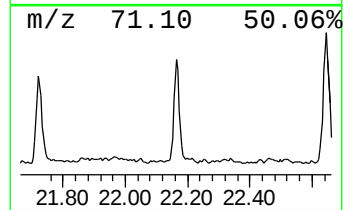
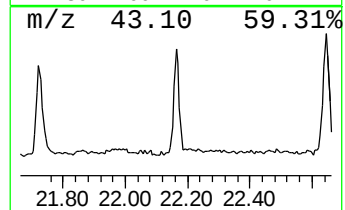
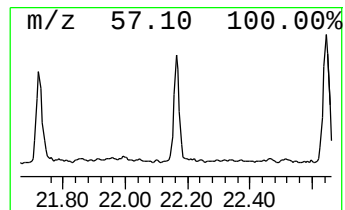
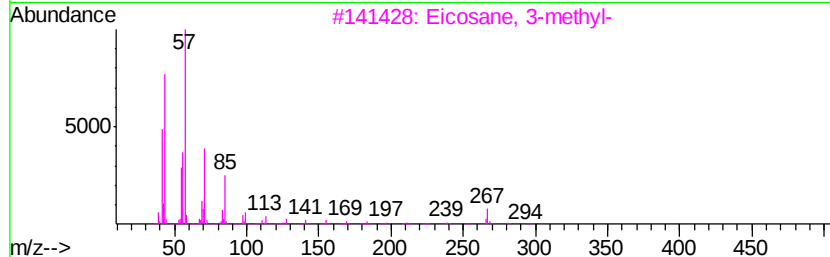
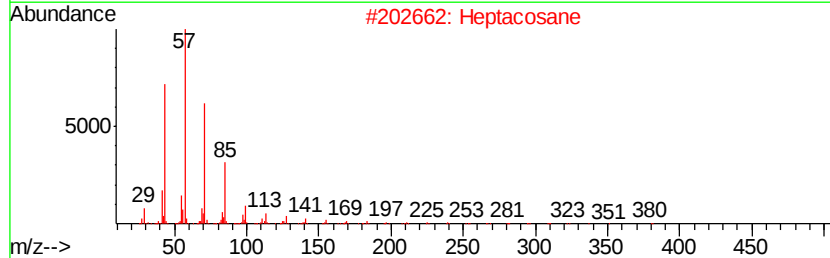
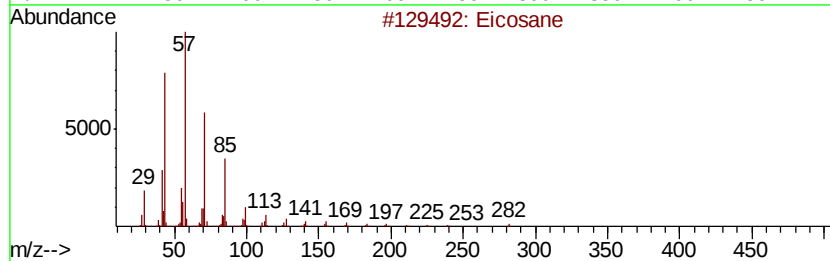
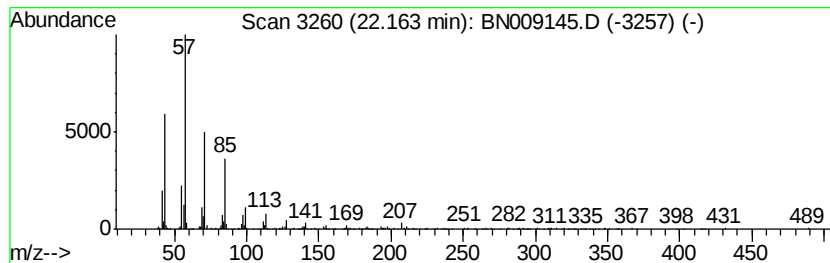
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.16	2.18 ng/ul	571296	Chrysene-d12	21.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Heptacosane	380	C27H56	000593-49-7	90
3		Eicosane, 3-methyl-	296	C21H44	006418-46-8	90
4		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	87
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	87



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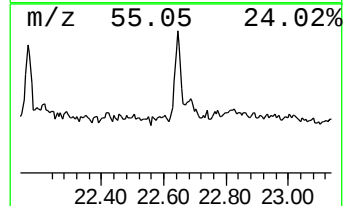
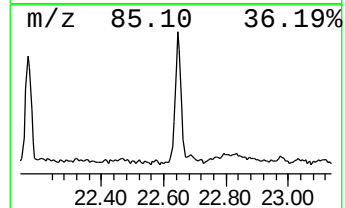
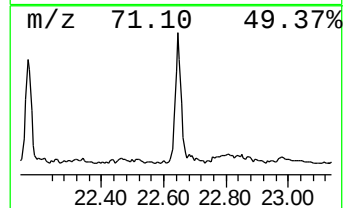
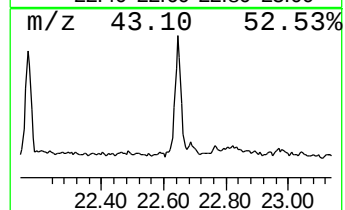
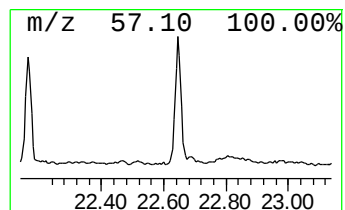
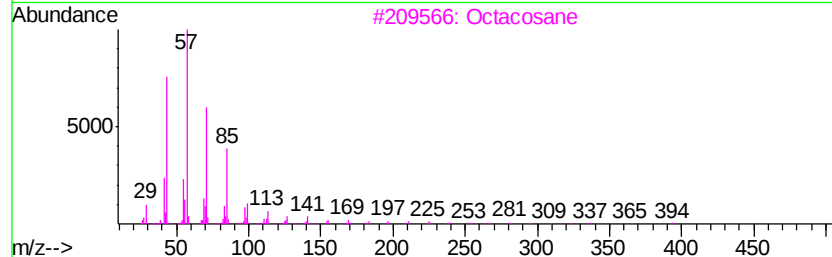
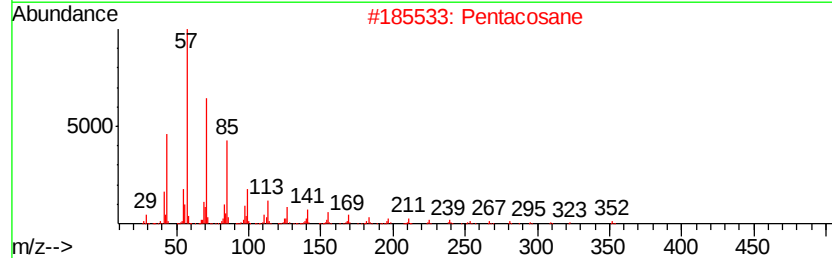
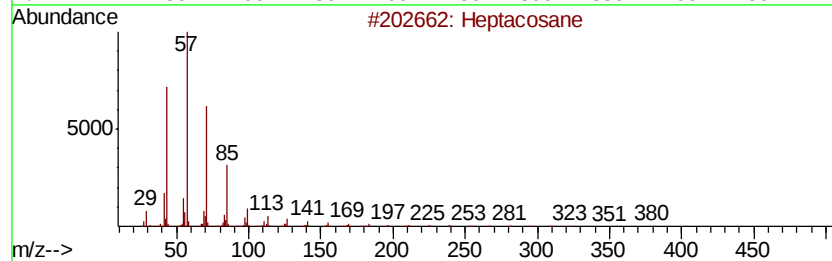
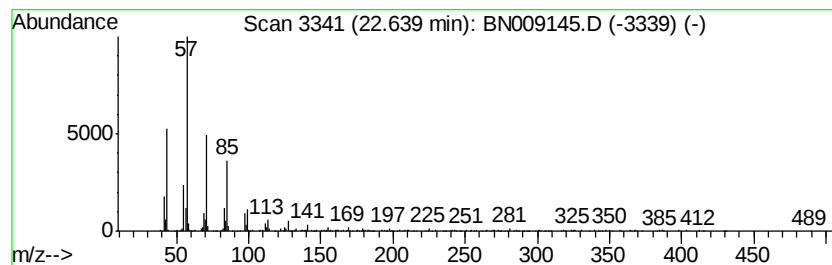
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	2.73 ng/ul	654560	Perylene-d12	23.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	90
2		Pentacosane	352	C25H52	000629-99-2	90
3		Octacosane	394	C28H58	000630-02-4	87
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
5		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122419\
Data File : BN009145.D
Acq On : 25 Dec 2019 02:56
Operator : JU
Sample : K6257-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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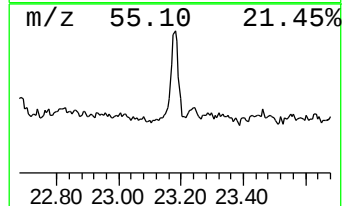
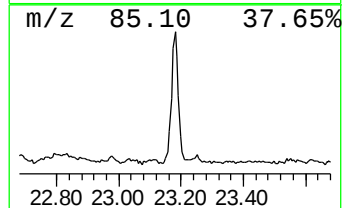
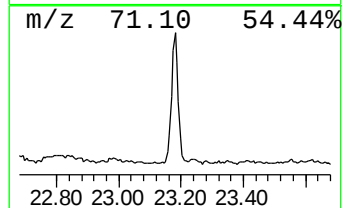
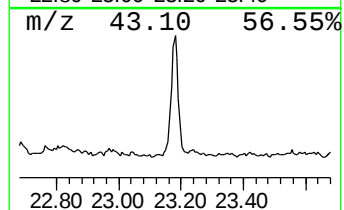
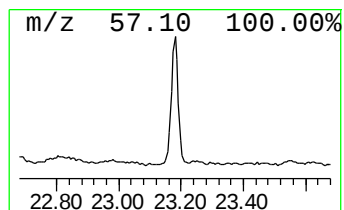
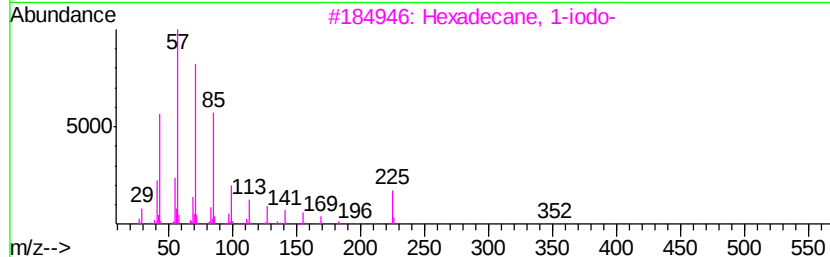
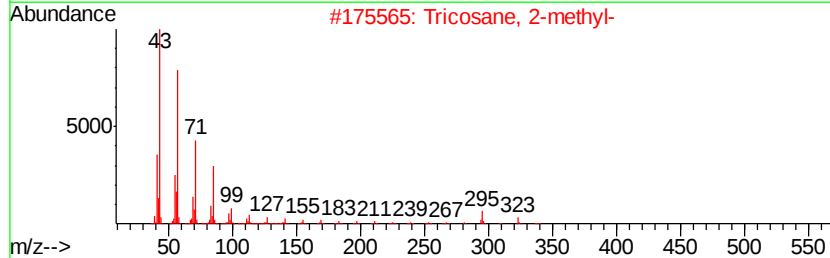
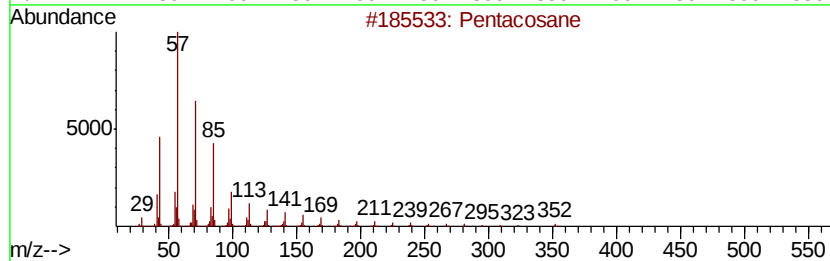
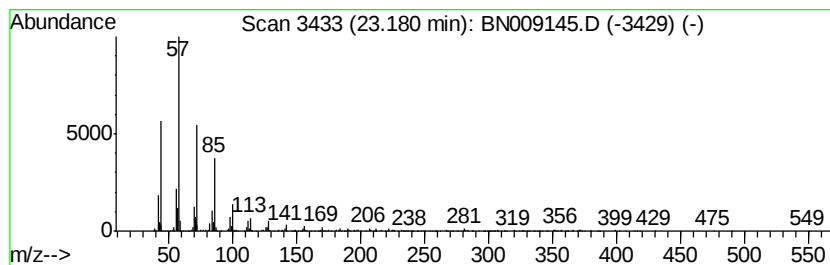
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Quant Title : SVOA CALIBRATION

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	3.76 ng/ul	900939	Perylene-d12	23.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	93
2		Tricosane, 2-methyl-	338	C24H50	001928-30-9	91
3		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	89
4		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	89
5		Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122419\
Data File : BN009145.D
Acq On : 25 Dec 2019 02:56
Operator : JU
Sample : K6257-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFEW9

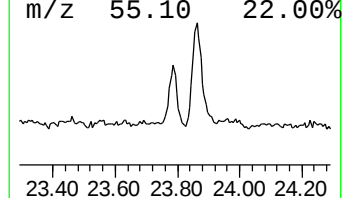
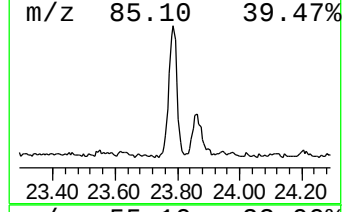
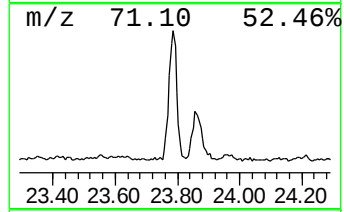
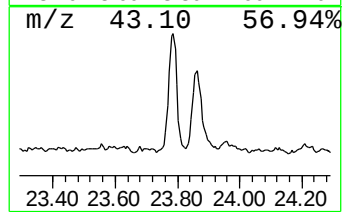
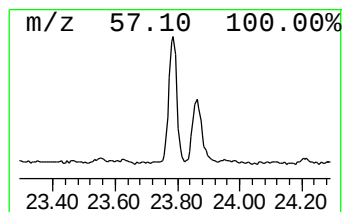
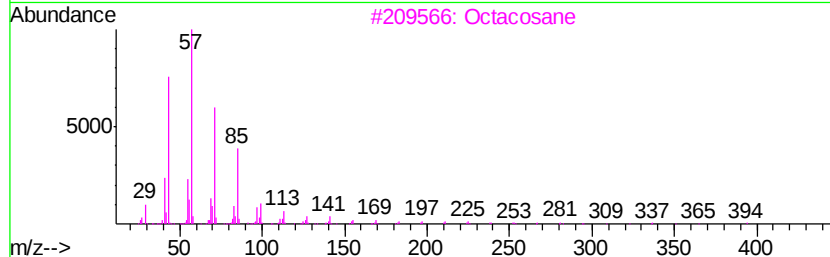
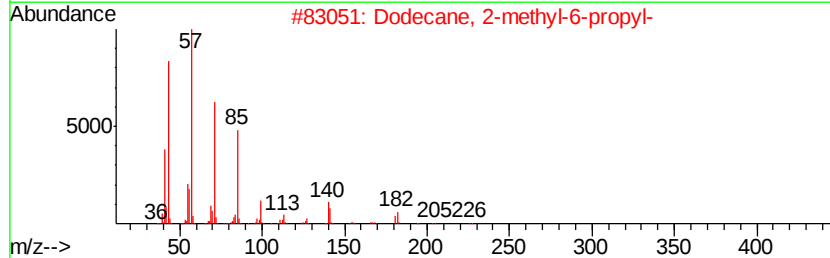
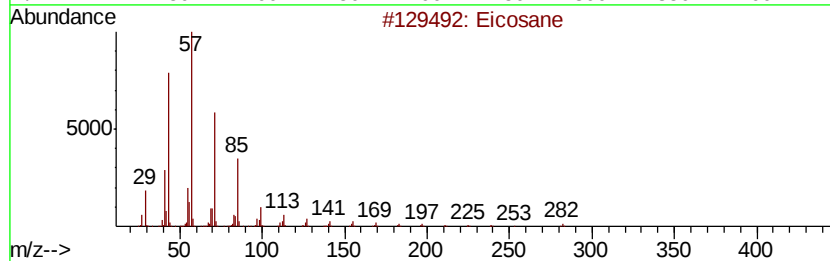
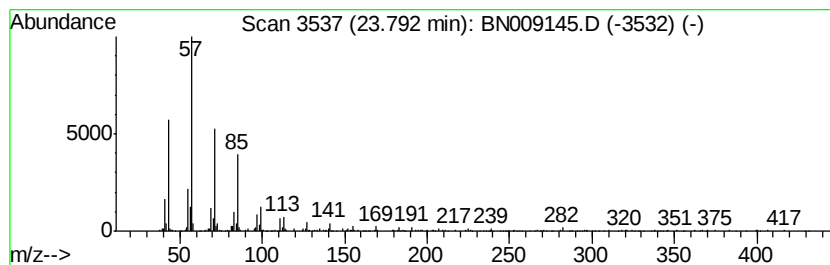
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.79	3.67 ng/ul	879929	Perylene-d12	23.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	81
3		Octacosane	394	C28H58	000630-02-4	81
4		Hexacosane	366	C26H54	000630-01-3	76
5		Heneicosane	296	C21H44	000629-94-7	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122419\
Data File : BN009145.D
Acq On : 25 Dec 2019 02:56
Operator : JU
Sample : K6257-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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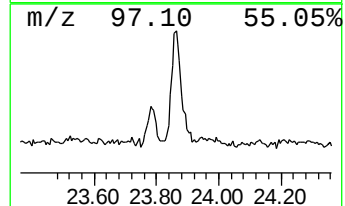
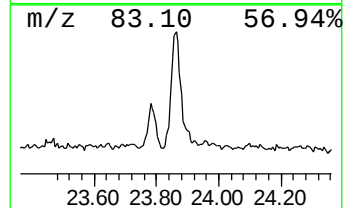
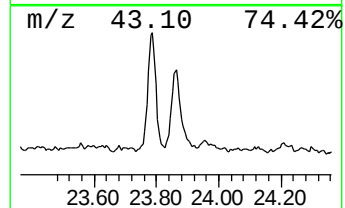
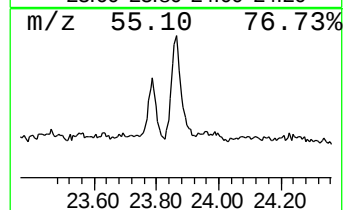
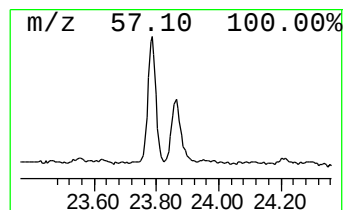
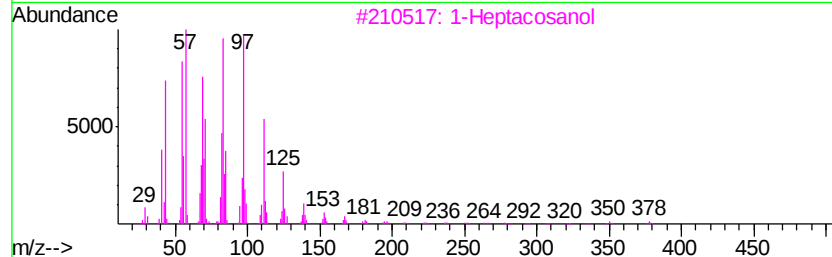
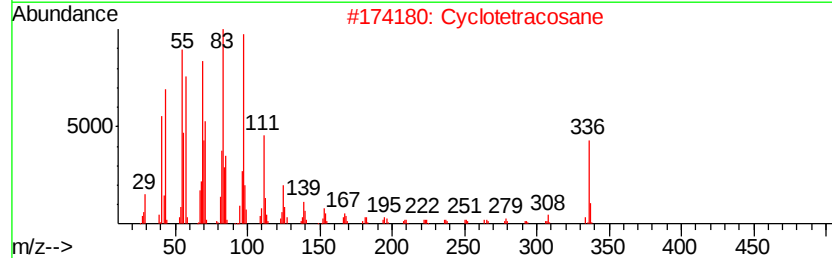
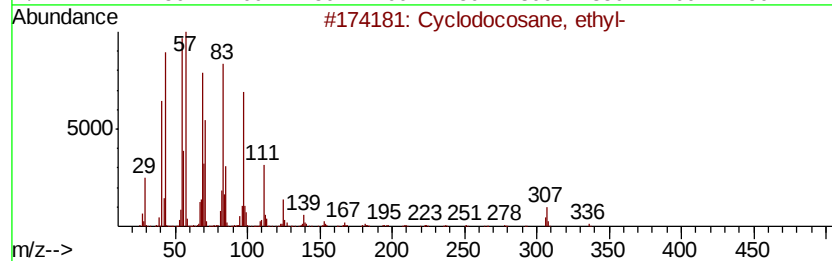
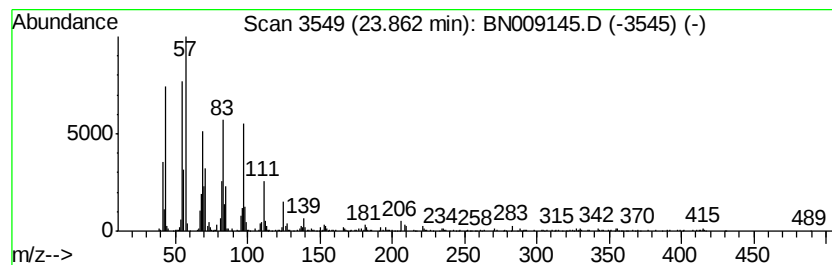
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic23.86 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	4.21 ng/ul	1008530	Perylene-d12	23.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	99
2		Cyclotetracosane	336	C24H48	000297-03-0	97
3		1-Heptacosanol	396	C27H56O	002004-39-9	91
4		Octacosanol	410	C28H58O	000557-61-9	91
5		1-Heneicosanol	312	C21H44O	015594-90-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122419\
Data File : BN009145.D
Acq On : 25 Dec 2019 02:56
Operator : JU
Sample : K6257-12
Misc :
ALS Vial : 14 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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Heptadecyl triflu...	20.85	11.7	ng/ul	3053800	5	21.11	5244030	20.0
(DEL) Alkane: Str...	21.72	2.6	ng/ul	685702	5	21.11	5244030	20.0
(DEL) Alkane: Str...	22.16	2.2	ng/ul	571296	5	21.11	5244030	20.0
(DEL) Alkane: Str...	22.64	2.7	ng/ul	654560	6	23.24	4795100	20.0
(DEL) Alkane: Str...	23.18	3.8	ng/ul	900939	6	23.24	4795100	20.0
(DEL) Alkane: Str...	23.79	3.7	ng/ul	879929	6	23.24	4795100	20.0
(DEL) Alkane: Cyc...	23.86	4.2	ng/ul	1008530	6	23.24	4795100	20.0