

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
 Data File : BN009489.D
 Acq On : 30 Jan 2020 23:52
 Operator : CG/JU
 Sample : L1300-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C5AP2

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-BN012220MA.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	3.093	15	18	26	rVB3	23902	36245	1.39%	0.113%
2	3.469	81	82	85	rBV2	4023	4629	0.18%	0.014%
3	3.693	116	120	126	rVB3	37973	59002	2.26%	0.184%
4	3.781	132	135	136	rBV2	7259	4912	0.19%	0.015%
5	3.875	148	151	155	rVB5	6360	9050	0.35%	0.028%
6	3.993	167	171	174	rBV6	7021	9198	0.35%	0.029%
7	4.193	202	205	207	rBV4	2840	3822	0.15%	0.012%
8	4.381	235	237	243	rVB5	5098	7697	0.29%	0.024%
9	4.651	280	283	294	rBV	37518	57198	2.19%	0.178%
10	5.246	382	384	387	rVV4	3375	3375	0.13%	0.011%
11	5.887	489	493	497	rBV4	5252	7064	0.27%	0.022%
12	6.210	546	548	553	rVB4	2883	4485	0.17%	0.014%
13	6.651	617	623	636	rBV	328297	610400	23.35%	1.905%
14	6.810	645	650	659	rBV	296106	452068	17.29%	1.411%
15	6.998	674	682	692	rBV	350301	553236	21.16%	1.726%
16	7.098	696	699	702	rBV3	2846	3245	0.12%	0.010%
17	7.451	753	759	771	rBV	696062	1104268	42.24%	3.446%
18	7.545	771	775	780	rVV4	4625	8365	0.32%	0.026%
19	8.163	874	880	891	rBV	385189	626651	23.97%	1.956%
20	8.275	894	899	907	rVB3	14698	27266	1.04%	0.085%
21	8.598	946	954	966	rBV	364468	614119	23.49%	1.916%
22	8.781	983	985	990	rVB4	4723	5897	0.23%	0.018%
23	9.045	1026	1030	1037	rVV4	7673	13894	0.53%	0.043%
24	9.310	1068	1075	1084	rBV	287589	482631	18.46%	1.506%
25	9.845	1158	1166	1180	rBV	366981	635183	24.29%	1.982%
26	10.204	1220	1227	1240	rBV	972325	1559331	59.64%	4.866%
27	10.357	1245	1253	1271	rBV	328796	655297	25.06%	2.045%
28	11.063	1366	1373	1374	rBV4	1924	3200	0.12%	0.010%
29	11.810	1495	1500	1504	rVB6	4757	8088	0.31%	0.025%
30	12.098	1547	1549	1555	rVB6	2482	4574	0.17%	0.014%
31	12.375	1591	1596	1599	rBV5	2169	4094	0.16%	0.013%
32	12.439	1602	1607	1612	rVV5	3101	6539	0.25%	0.020%
33	12.945	1689	1693	1695	rBV2	2786	3637	0.14%	0.011%
34	13.516	1783	1790	1794	rBV	836834	1180315	45.14%	3.683%

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 Title : SVOA CALIBRATION

35	13.563	1794	1798	1808	rVB	208354	289158	11.06%	0.902%
36	13.775	1828	1834	1844	rBV	725369	1074629	41.10%	3.353%
37	14.022	1874	1876	1881	rVB4	3079	4114	0.16%	0.013%
38	14.092	1881	1888	1900	rBV	1414693	2029460	77.62%	6.333%
39	14.322	1921	1927	1945	rBV	239800	508512	19.45%	1.587%
40	14.539	1960	1964	1969	rBV5	22896	36152	1.38%	0.113%
41	14.574	1969	1970	1975	rVB4	4212	4961	0.19%	0.015%
42	14.716	1992	1994	1998	rBV5	2978	4600	0.18%	0.014%
43	14.922	2026	2029	2036	rVV4	5131	8121	0.31%	0.025%
44	14.986	2036	2040	2043	rVB3	8682	10727	0.41%	0.033%
45	15.092	2052	2058	2064	rBV	1091967	1500936	57.41%	4.684%
46	15.233	2075	2082	2095	rBV	387977	568020	21.73%	1.773%
47	15.333	2095	2099	2104	rVB3	10998	14278	0.55%	0.045%
48	15.545	2134	2135	2140	rVB3	3318	3172	0.12%	0.010%
49	15.598	2140	2144	2145	rBV3	3925	4253	0.16%	0.013%
50	15.780	2171	2175	2177	rBV5	2742	4281	0.16%	0.013%
51	15.851	2184	2187	2190	rBV2	5880	7483	0.29%	0.023%
52	15.880	2190	2192	2197	rVB4	5577	6305	0.24%	0.020%
53	16.016	2214	2215	2218	rVB3	4723	3562	0.14%	0.011%
54	16.104	2226	2230	2233	rBV5	2627	3781	0.14%	0.012%
55	16.257	2253	2256	2259	rBV3	3114	5218	0.20%	0.016%
56	16.639	2316	2321	2325	rBV4	11313	18348	0.70%	0.057%
57	16.845	2350	2356	2361	rVV	1752485	2389149	91.38%	7.456%
58	16.880	2361	2362	2367	rVV	45018	45331	1.73%	0.141%
59	16.939	2367	2372	2381	rVV2	1101903	1520017	58.14%	4.743%
60	17.157	2405	2409	2412	rBV5	3793	6381	0.24%	0.020%
61	17.263	2422	2427	2432	rBV3	27758	42340	1.62%	0.132%
62	17.380	2443	2447	2450	rBV3	6100	6606	0.25%	0.021%
63	17.521	2467	2471	2474	rBV5	3166	5233	0.20%	0.016%
64	17.645	2489	2492	2495	rBV4	3642	4558	0.17%	0.014%
65	17.721	2501	2505	2509	rBV6	7441	8596	0.33%	0.027%
66	17.768	2509	2513	2521	rBV	149514	219217	8.38%	0.684%
67	17.915	2534	2538	2541	rVB3	9680	12042	0.46%	0.038%
68	17.986	2548	2550	2554	rVB4	5131	4807	0.18%	0.015%
69	18.015	2554	2555	2557	rBV2	5276	3279	0.13%	0.010%
70	18.068	2562	2564	2569	rVB3	8612	11485	0.44%	0.036%
71	18.204	2584	2587	2591	rBV3	27729	31682	1.21%	0.099%

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72	18.280	2596	2600	2602	rVB4	6014	6981	0.27%	0.022%
73	18.333	2606	2609	2613	rBV5	4531	6794	0.26%	0.021%
74	18.451	2624	2629	2630	rBV5	3751	5432	0.21%	0.017%
75	18.468	2630	2632	2634	rVV2	4816	4585	0.18%	0.014%
76	18.492	2634	2636	2638	rVB3	5164	3821	0.15%	0.012%
77	18.645	2658	2662	2667	rBV6	11878	17222	0.66%	0.054%
78	18.710	2671	2673	2677	rVB2	9416	9284	0.36%	0.029%
79	18.792	2685	2687	2691	rBV5	5779	9519	0.36%	0.030%
80	18.880	2699	2702	2703	rBV2	14609	14836	0.57%	0.046%
81	18.910	2703	2707	2712	rVB	100984	130088	4.98%	0.406%
82	19.062	2729	2733	2742	rBV3	48339	79819	3.05%	0.249%
83	19.127	2742	2744	2750	rVB5	13437	18818	0.72%	0.059%
84	19.245	2758	2764	2777	rBV	1312022	1887609	72.20%	5.890%
85	19.457	2797	2800	2801	rBV3	8510	10222	0.39%	0.032%
86	19.492	2803	2806	2812	rVV2	19606	28374	1.09%	0.089%
87	19.839	2862	2865	2870	rBV4	24920	27646	1.06%	0.086%
88	20.027	2895	2897	2898	rBV2	11057	5803	0.22%	0.018%
89	20.339	2947	2950	2953	rVB3	40385	44426	1.70%	0.139%
90	20.792	3023	3027	3035	rBV2	459479	643737	24.62%	2.009%
91	21.051	3065	3071	3075	rBV	1982022	2614545	100.00%	8.159%
92	21.239	3100	3103	3109	rBV	188489	192239	7.35%	0.600%
93	21.662	3171	3175	3181	rBV	254146	325393	12.45%	1.015%
94	22.098	3243	3249	3253	rBV2	359948	591740	22.63%	1.847%
95	22.568	3325	3329	3334	rVB	394759	503298	19.25%	1.571%
96	23.033	3402	3408	3414	rBV	882310	1523802	58.28%	4.755%
97	23.092	3414	3418	3424	rVV	386407	618681	23.66%	1.931%
98	23.162	3424	3430	3441	rVB	1442034	2542587	97.25%	7.934%
99	23.692	3515	3520	3526	rVB	339317	574979	21.99%	1.794%
100	24.368	3631	3635	3641	rVB2	218705	413075	15.80%	1.289%

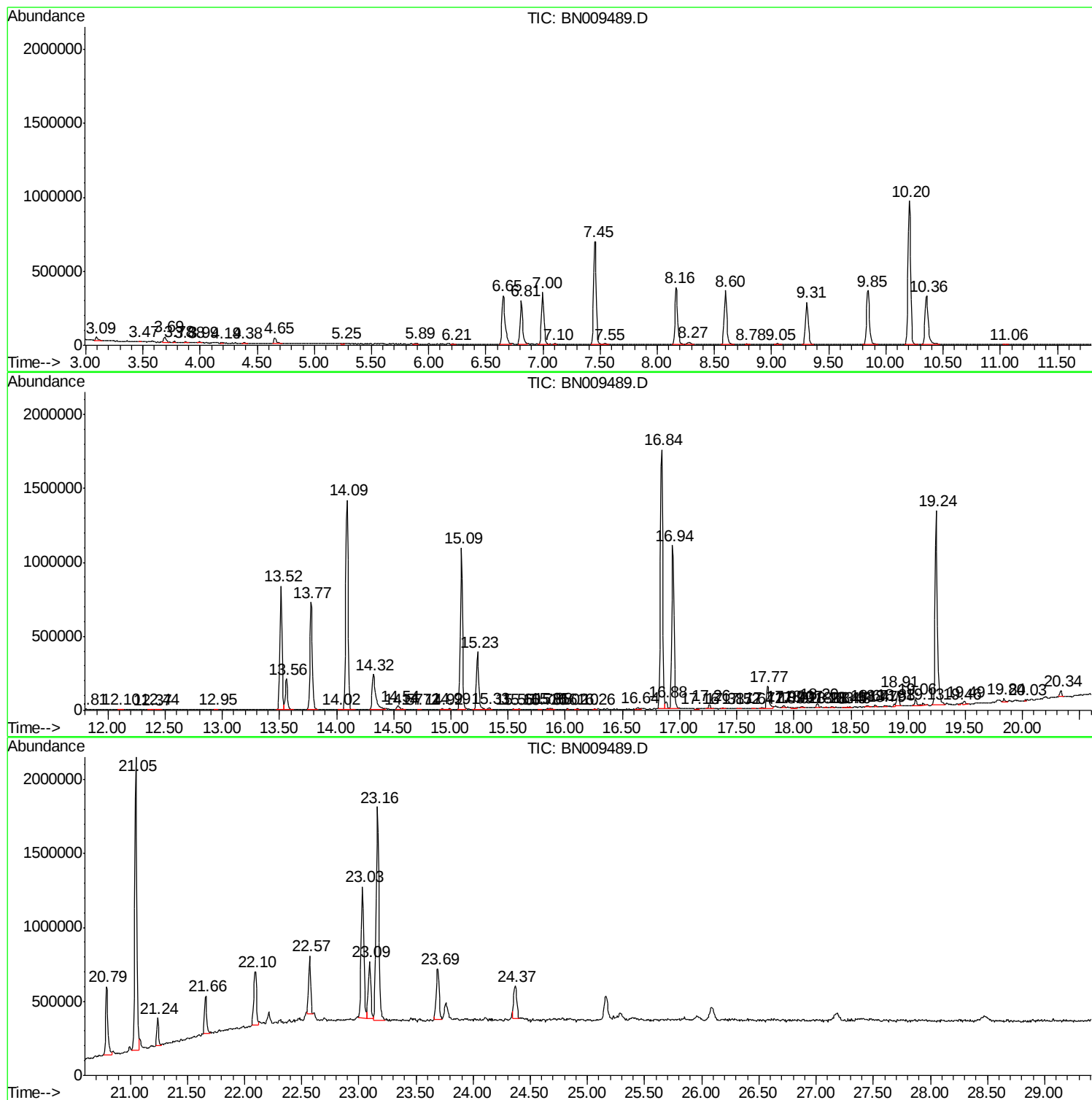
Sum of corrected areas: 32045124

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

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



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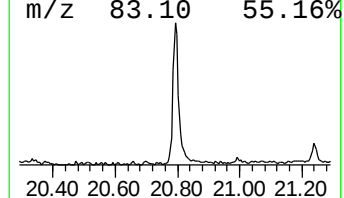
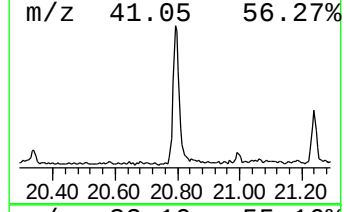
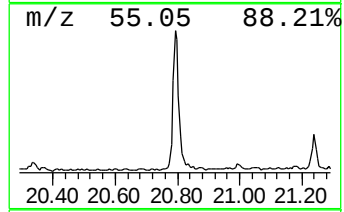
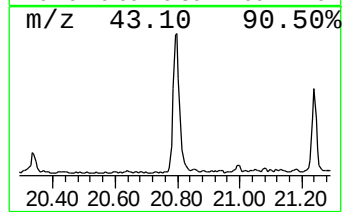
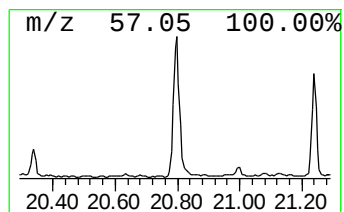
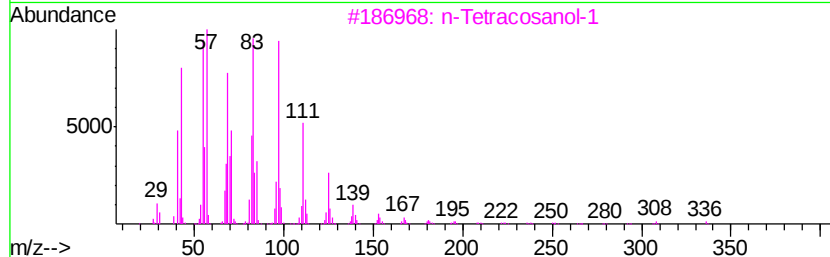
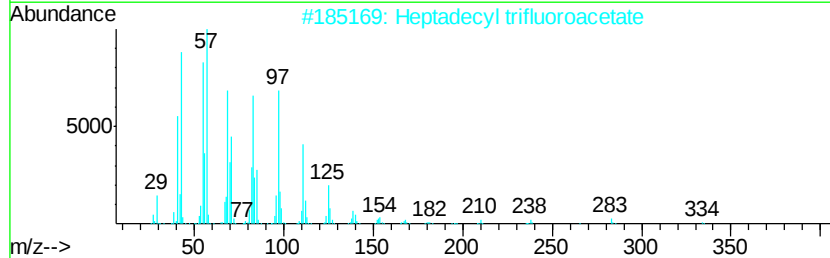
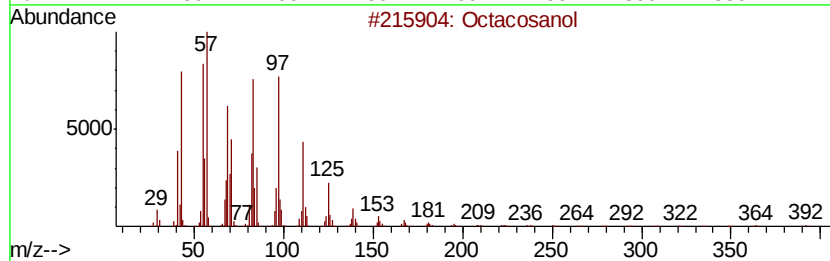
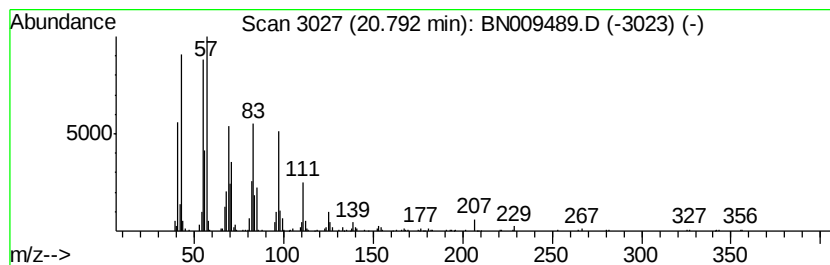
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Octacosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.79	4.92 ng/ul	643737	Chrysene-d12	21.05		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octacosanol	410	C28H58O	000557-61-9	91
2		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4		1-Heneicosanol	312	C21H44O	015594-90-8	91
5		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91



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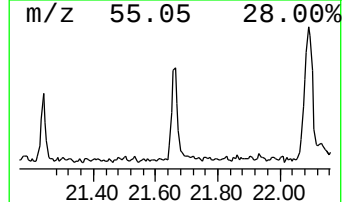
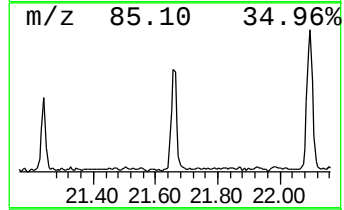
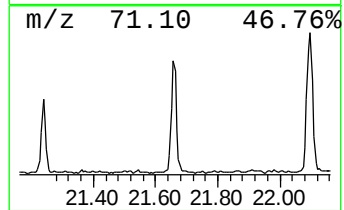
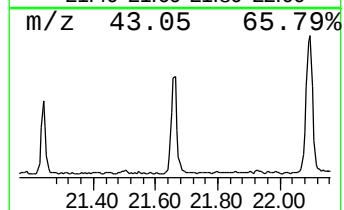
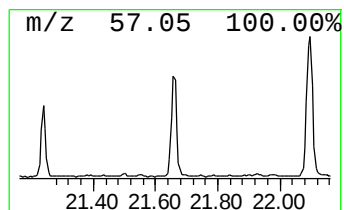
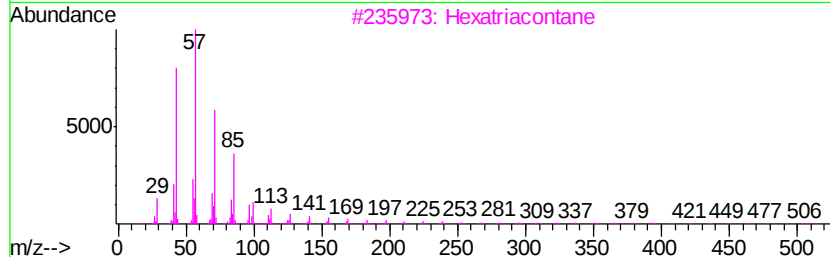
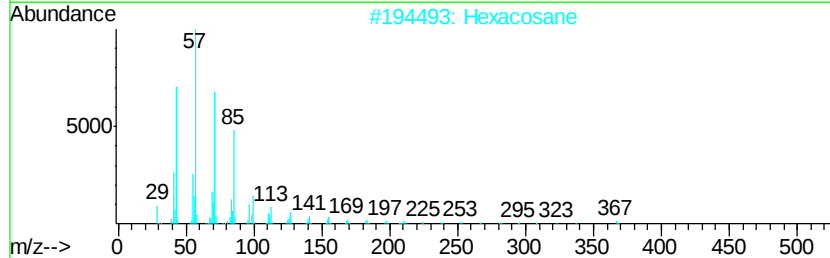
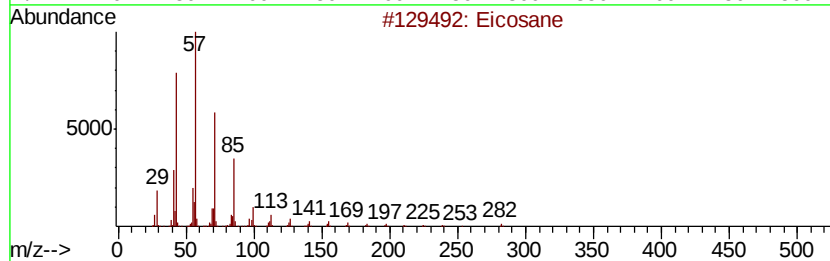
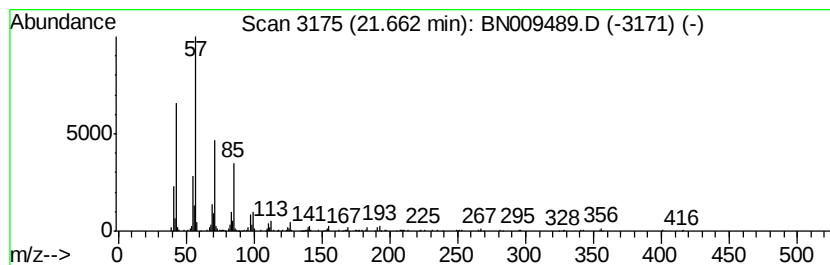
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	2.49 ng/ul	325393	Chrysene-d12	21.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	87
2		Hexacosane	366	C26H54	000630-01-3	87
3		Hexatriacontane	507	C36H74	000630-06-8	83
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
5		Heneicosane	296	C21H44	000629-94-7	83



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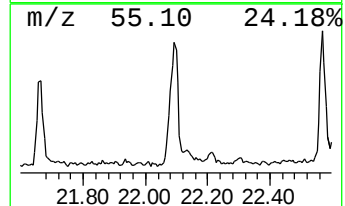
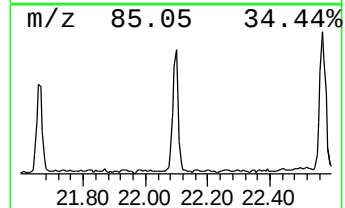
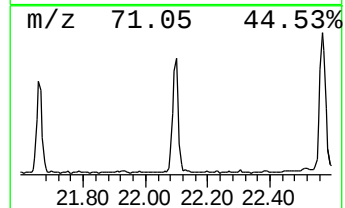
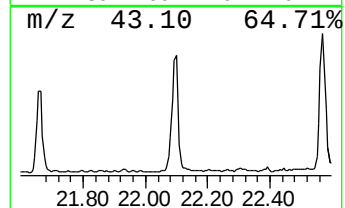
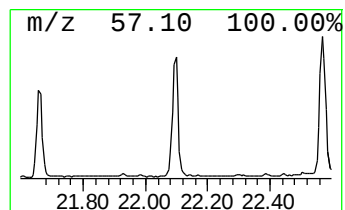
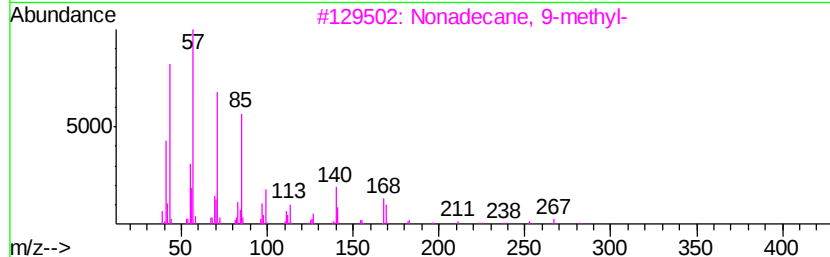
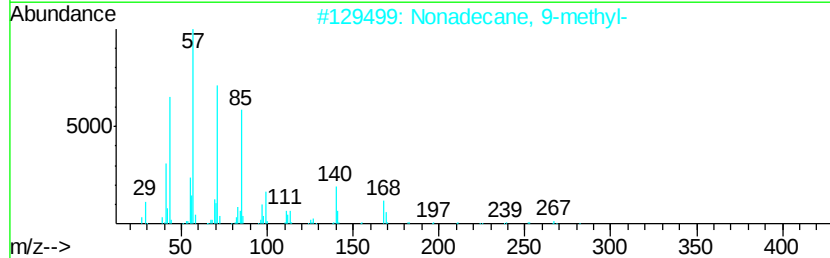
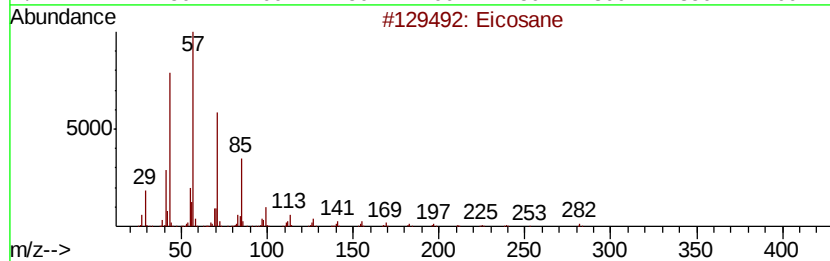
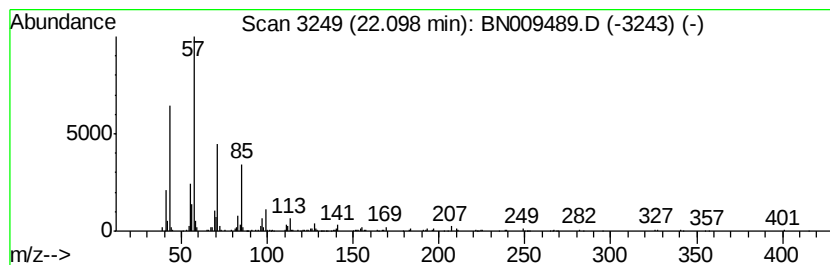
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.10	4.53 ng/ul	591740	Chrysene-d12	21.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	95
2			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
3			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
4			Octacosane	394	C28H58	000630-02-4	90
5			Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009489.D
Acq On : 30 Jan 2020 23:52
Operator : CG/JU
Sample : L1300-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5AP2

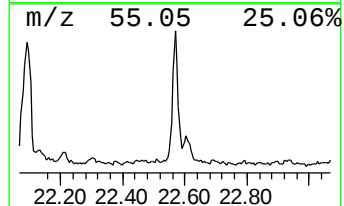
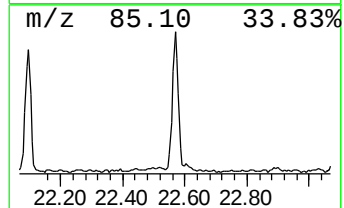
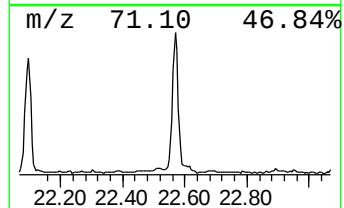
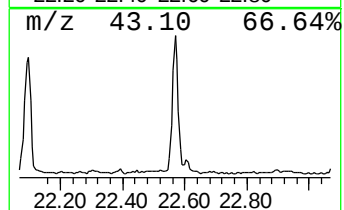
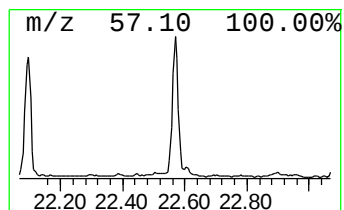
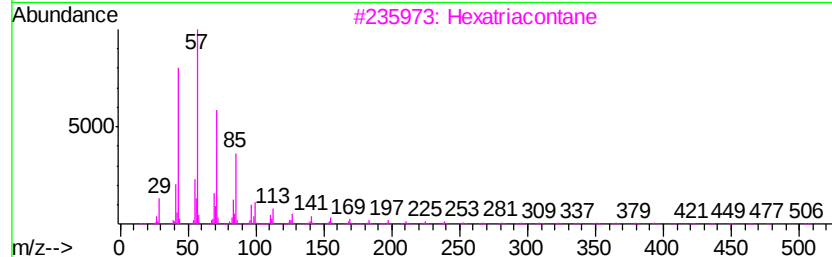
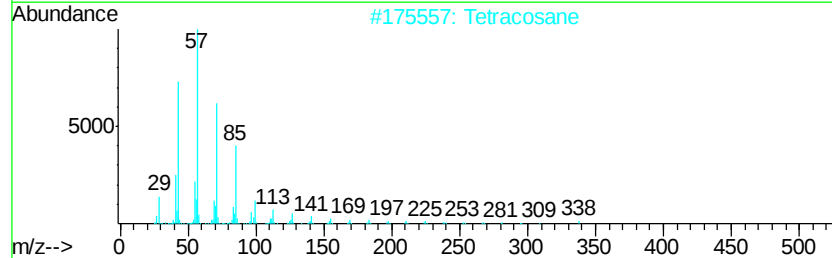
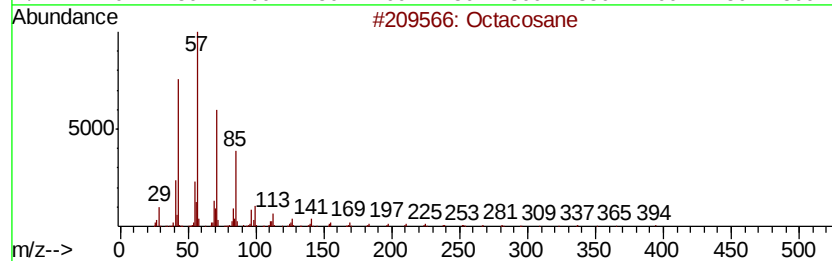
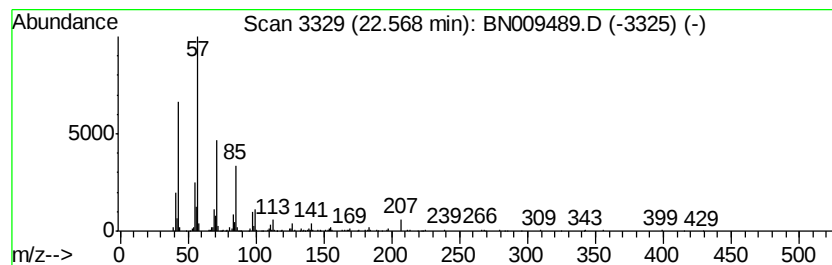
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Quant Title : SVOA CALIBRATION

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.
22.57	3.96 ng/ul	503298	Perylene-d12	23.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Tetracosane	338	C24H50	000646-31-1	86
3		Hexatriacontane	507	C36H74	000630-06-8	83
4		Heptacosane	380	C27H56	000593-49-7	83
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009489.D
Acq On : 30 Jan 2020 23:52
Operator : CG/JU
Sample : L1300-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5AP2

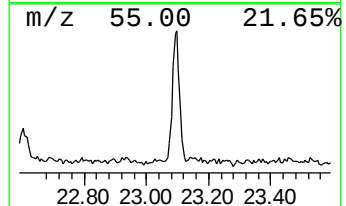
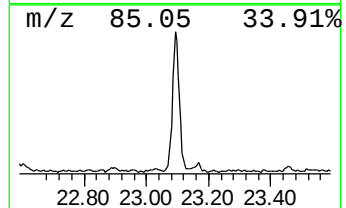
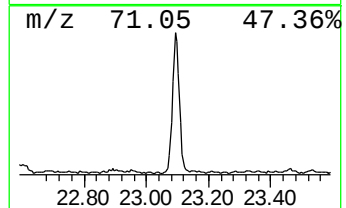
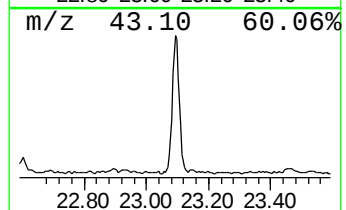
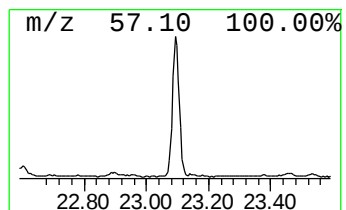
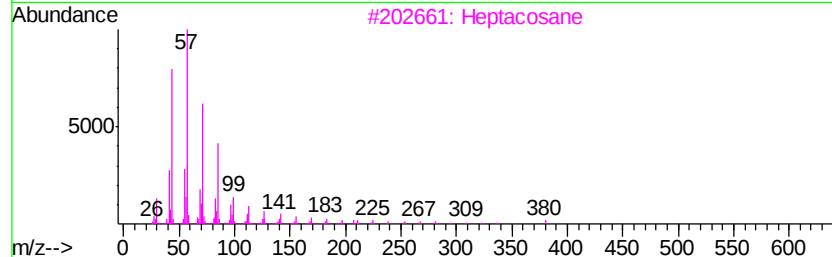
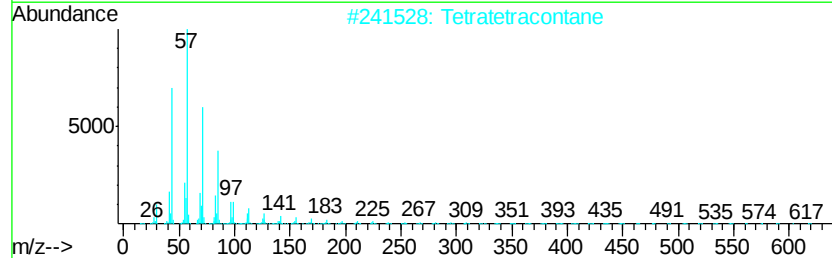
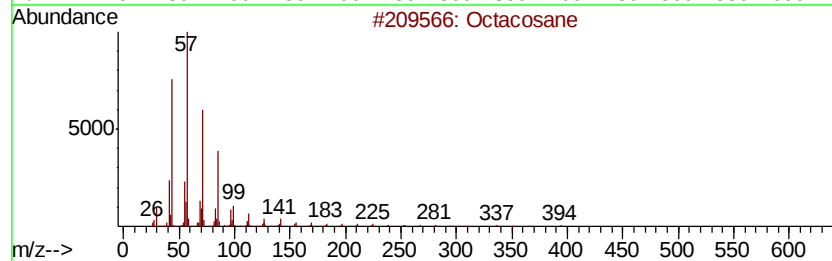
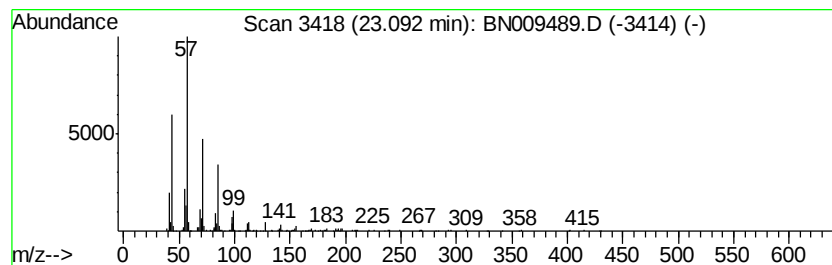
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.09	4.87 ng/ul	618681	Perylene-d12	23.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	87
2		Tetratetracontane	619	C44H90	007098-22-8	83
3		Heptacosane	380	C27H56	000593-49-7	83
4		Eicosane	282	C20H42	000112-95-8	83
5		Hexatriacontane	507	C36H74	000630-06-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009489.D
Acq On : 30 Jan 2020 23:52
Operator : CG/JU
Sample : L1300-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5AP2

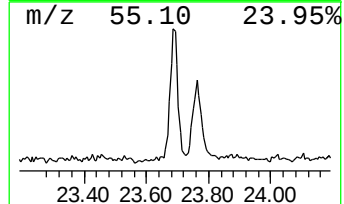
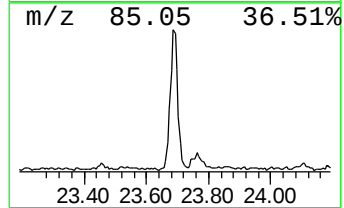
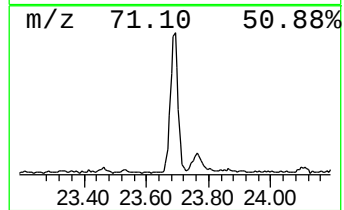
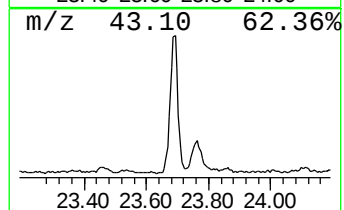
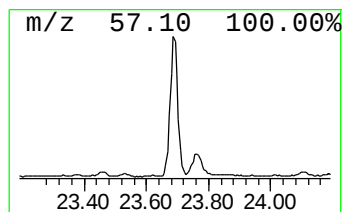
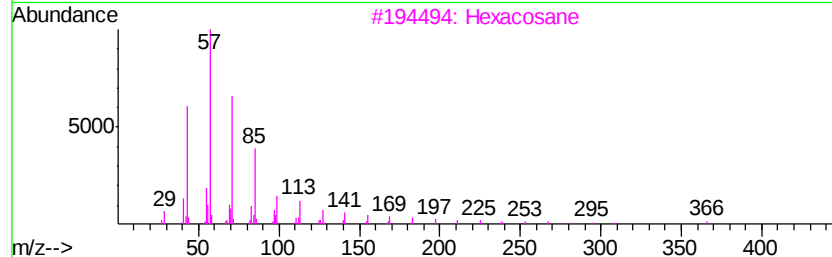
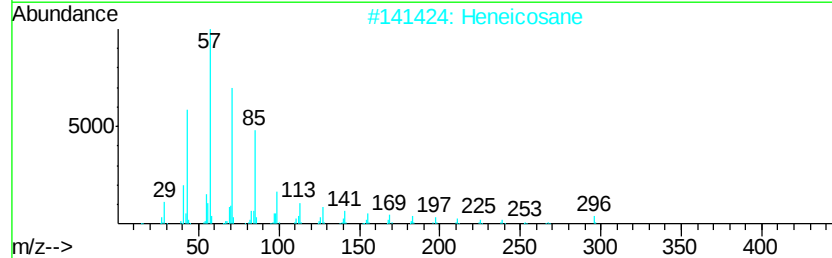
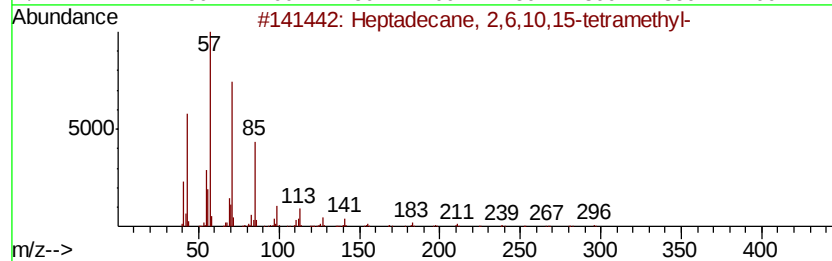
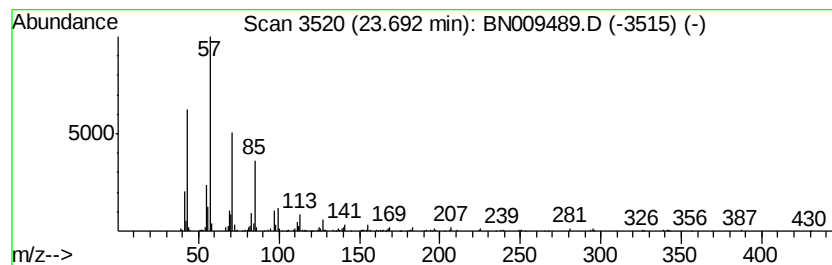
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Quant Title : SVOA CALIBRATION

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.
23.69	4.52 ng/ul	574979	Perylene-d12	23.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Hexatriacontane	507	C36H74	000630-06-8	90
5		Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009489.D
Acq On : 30 Jan 2020 23:52
Operator : CG/JU
Sample : L1300-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5AP2

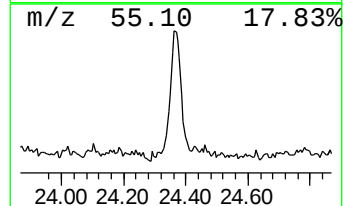
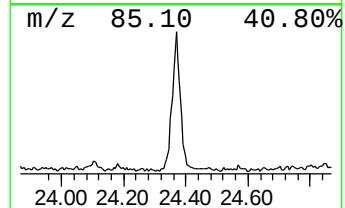
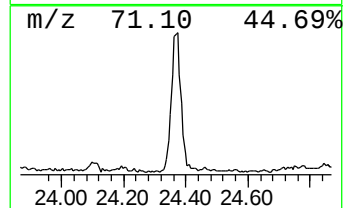
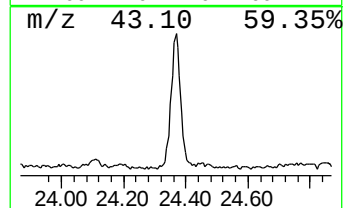
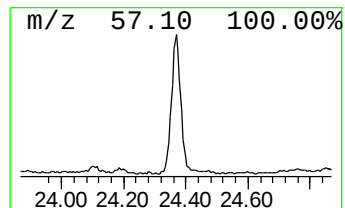
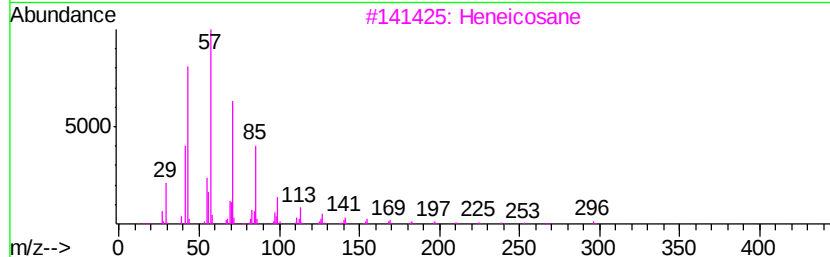
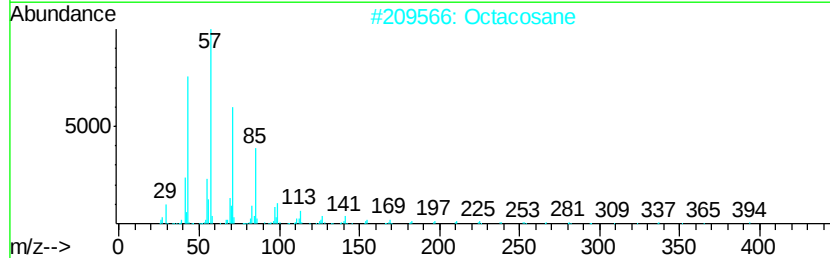
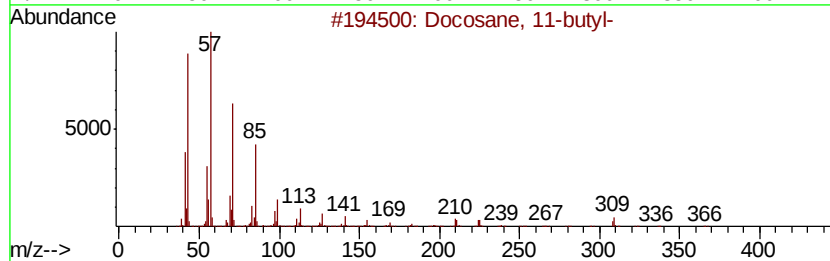
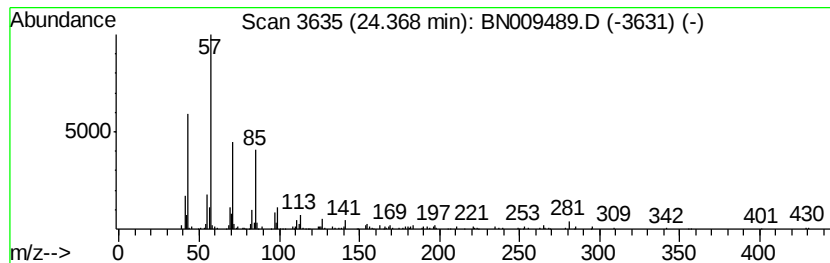
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.37	3.25 ng/ul	413075	Perylene-d12	23.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 11-butyl-	366	C26H54	013475-76-8	87
2		Octacosane	394	C28H58	000630-02-4	87
3		Heneicosane	296	C21H44	000629-94-7	83
4		Tetradecane	198	C14H30	000629-59-4	83
5		2-methyloctacosane	408	C29H60	1000376-72-8	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN013020\
Data File : BN009489.D
Acq On : 30 Jan 2020 23:52
Operator : CG/JU
Sample : L1300-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5AP2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.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
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(DEL) Alkane: Str...	21.66	2.5	ng/ul	325393	5	21.05	2614550	20.0
(DEL) Alkane: Str...	22.10	4.5	ng/ul	591740	5	21.05	2614550	20.0
(DEL) Alkane: Str...	22.57	4.0	ng/ul	503298	6	23.16	2542590	20.0
(DEL) Alkane: Str...	23.09	4.9	ng/ul	618681	6	23.16	2542590	20.0
(DEL) Alkane: Str...	23.69	4.5	ng/ul	574979	6	23.16	2542590	20.0
(DEL) Alkane: Str...	24.37	3.3	ng/ul	413075	6	23.16	2542590	20.0