

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
 Data File : BN010013.D
 Acq On : 29 Feb 2020 08:07
 Operator : CG/JU
 Sample : L1516-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBD23

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-BN021220MA.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	3.029	3	7	15	rVB2	22450	30702	1.48%	0.104%
2	3.705	118	122	126	rVB3	5018	7194	0.35%	0.024%
3	4.464	247	251	256	rVB4	1827	3256	0.16%	0.011%
4	4.587	267	272	273	rBV3	3917	4046	0.20%	0.014%
5	6.587	605	612	626	rBV	386117	710101	34.22%	2.405%
6	6.734	631	637	651	rVV	292033	480377	23.15%	1.627%
7	6.917	662	668	680	rVV	430550	708685	34.16%	2.400%
8	7.375	737	746	757	rBV	501607	795139	38.32%	2.693%
9	8.093	862	868	884	rBV	462705	803020	38.70%	2.719%
10	8.522	934	941	958	rVV	392678	710794	34.26%	2.407%
11	8.958	1010	1015	1020	rVV3	5194	7919	0.38%	0.027%
12	9.228	1055	1061	1075	rBV	335333	598313	28.84%	2.026%
13	9.769	1146	1153	1172	rBV	417708	825789	39.80%	2.797%
14	10.122	1205	1213	1223	rBV	704002	1155155	55.68%	3.912%
15	10.281	1233	1240	1262	rBV	372917	811959	39.13%	2.750%
16	11.734	1483	1487	1493	rBV3	5068	9607	0.46%	0.033%
17	12.928	1686	1690	1697	rVB2	6384	9156	0.44%	0.031%
18	13.269	1745	1748	1751	rVB2	8484	8304	0.40%	0.028%
19	13.446	1771	1778	1783	rBV	744412	1098745	52.96%	3.721%
20	13.493	1783	1786	1797	rVB	90008	134161	6.47%	0.454%
21	13.704	1815	1822	1834	rBV	931022	1376444	66.34%	4.661%
22	13.846	1843	1846	1851	rVB5	2730	4382	0.21%	0.015%
23	13.916	1854	1858	1861	rVB3	4968	4675	0.23%	0.016%
24	13.951	1861	1864	1867	rVB4	2699	3303	0.16%	0.011%
25	14.016	1867	1875	1882	rBV	974457	1427404	68.80%	4.834%
26	14.081	1882	1886	1891	rVB3	9187	14536	0.70%	0.049%
27	14.287	1915	1921	1938	rBV	176176	448451	21.61%	1.519%
28	14.428	1941	1945	1952	rVV2	11479	27262	1.31%	0.092%
29	14.487	1952	1955	1958	rVB4	5331	7013	0.34%	0.024%
30	14.910	2023	2027	2031	rVB5	6068	7047	0.34%	0.024%
31	15.022	2040	2046	2053	rBV	1130375	1607744	77.49%	5.445%
32	15.081	2053	2056	2062	rVB4	21910	35051	1.69%	0.119%
33	15.187	2068	2074	2083	rBV	258230	414467	19.98%	1.404%
34	15.263	2085	2087	2093	rVV3	15692	21720	1.05%	0.074%

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35	15.316	2093	2096	2100	rVV3	4011	5601	0.27%	0.019%
36	15.381	2104	2107	2110	rVV2	3757	4641	0.22%	0.016%
37	15.528	2129	2132	2133	rBV2	5004	4607	0.22%	0.016%
38	15.540	2133	2134	2139	rVB	6543	4783	0.23%	0.016%
39	15.622	2147	2148	2153	rVB4	3241	3852	0.19%	0.013%
40	15.775	2170	2174	2177	rVV3	7275	11136	0.54%	0.038%
41	15.816	2179	2181	2186	rVV3	4056	5486	0.26%	0.019%
42	16.022	2213	2216	2219	rBV2	5058	5593	0.27%	0.019%
43	16.134	2233	2235	2237	rBV2	2860	3126	0.15%	0.011%
44	16.228	2247	2251	2254	rBV4	2616	3669	0.18%	0.012%
45	16.440	2283	2287	2288	rVV2	5774	5799	0.28%	0.020%
46	16.457	2288	2290	2297	rVB5	8735	13118	0.63%	0.044%
47	16.528	2297	2302	2305	rBV3	4453	7925	0.38%	0.027%
48	16.569	2306	2309	2310	rVV3	6523	6430	0.31%	0.022%
49	16.598	2310	2314	2321	rVB4	12208	20798	1.00%	0.070%
50	16.775	2337	2344	2348	rVV	1175951	1605879	77.40%	5.438%
51	16.816	2348	2351	2356	rVV	223149	388824	18.74%	1.317%
52	16.875	2356	2361	2377	rVV2	1180700	1807393	87.11%	6.121%
53	16.998	2378	2382	2390	rVB6	13336	28956	1.40%	0.098%
54	17.198	2411	2416	2422	rVV3	31434	51325	2.47%	0.174%
55	17.304	2431	2434	2441	rBV7	6721	12112	0.58%	0.041%
56	17.387	2447	2448	2453	rVB4	7184	6398	0.31%	0.022%
57	17.492	2464	2466	2473	rVB6	1897	3170	0.15%	0.011%
58	17.587	2479	2482	2483	rBV2	4789	5731	0.28%	0.019%
59	17.657	2486	2494	2498	rBV3	31314	60615	2.92%	0.205%
60	17.710	2498	2503	2513	rVV2	130641	220720	10.64%	0.747%
61	17.851	2522	2527	2532	rBV3	46342	79639	3.84%	0.270%
62	17.981	2546	2549	2554	rVV6	9533	11453	0.55%	0.039%
63	18.016	2554	2555	2558	rVB3	6487	3585	0.17%	0.012%
64	18.134	2572	2575	2578	rBV2	20061	26488	1.28%	0.090%
65	18.163	2578	2580	2584	rVV	18972	23754	1.14%	0.080%
66	18.222	2586	2590	2597	rVB6	20213	31791	1.53%	0.108%
67	18.281	2599	2600	2602	rBV2	4258	3849	0.19%	0.013%
68	18.410	2619	2622	2623	rBV3	4375	4477	0.22%	0.015%
69	18.463	2628	2631	2635	rBV6	4403	6246	0.30%	0.021%
70	18.510	2637	2639	2644	rVB4	6180	6481	0.31%	0.022%
71	18.581	2648	2651	2652	rBV3	9038	8308	0.40%	0.028%

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72	18.651	2659	2663	2667	rBV7	10131	17916	0.86%	0.061%
73	18.739	2673	2678	2684	rVB	25354	42309	2.04%	0.143%
74	18.786	2684	2686	2687	rBV2	5303	3433	0.17%	0.012%
75	18.851	2687	2697	2713	rBV	465927	855188	41.22%	2.896%
76	19.010	2720	2724	2729	rVB6	11512	18935	0.91%	0.064%
77	19.075	2731	2735	2742	rVV4	14099	32175	1.55%	0.109%
78	19.186	2748	2754	2758	rBV	1441462	2074815	100.00%	7.026%
79	19.298	2770	2773	2777	rVB3	20046	27984	1.35%	0.095%
80	19.410	2789	2792	2795	rBV	23731	29527	1.42%	0.100%
81	19.539	2811	2814	2815	rBV3	16921	16421	0.79%	0.056%
82	19.733	2843	2847	2853	rVB5	37187	57927	2.79%	0.196%
83	19.833	2860	2864	2867	rBV	16521	23975	1.16%	0.081%
84	19.886	2869	2873	2875	rBV4	21385	23577	1.14%	0.080%
85	20.086	2902	2907	2912	rBV3	79582	109669	5.29%	0.371%
86	20.257	2934	2936	2938	rBV3	18511	19747	0.95%	0.067%
87	20.733	3013	3017	3024	rBV	597200	741704	35.75%	2.512%
88	20.792	3025	3027	3032	rVB4	27048	39989	1.93%	0.135%
89	20.998	3056	3062	3067	rBV	1289180	1734887	83.62%	5.875%
90	21.186	3091	3094	3098	rVB2	60604	72794	3.51%	0.247%
91	21.604	3162	3165	3172	rVB2	88357	141166	6.80%	0.478%
92	22.033	3234	3238	3242	rBV	124538	163068	7.86%	0.552%
93	22.145	3254	3257	3263	rVB	97752	115782	5.58%	0.392%
94	22.498	3313	3317	3321	rBV	172944	226719	10.93%	0.768%
95	22.969	3391	3397	3402	rBV	965744	1644382	79.25%	5.569%
96	23.010	3402	3404	3410	rVB	178536	249339	12.02%	0.844%
97	23.098	3413	3419	3428	rVB2	860394	1551971	74.80%	5.256%
98	23.592	3500	3503	3510	rVB	155637	248150	11.96%	0.840%
99	23.669	3512	3516	3521	rVB3	129097	220517	10.63%	0.747%
100	24.257	3612	3616	3622	rVB	115939	209401	10.09%	0.709%

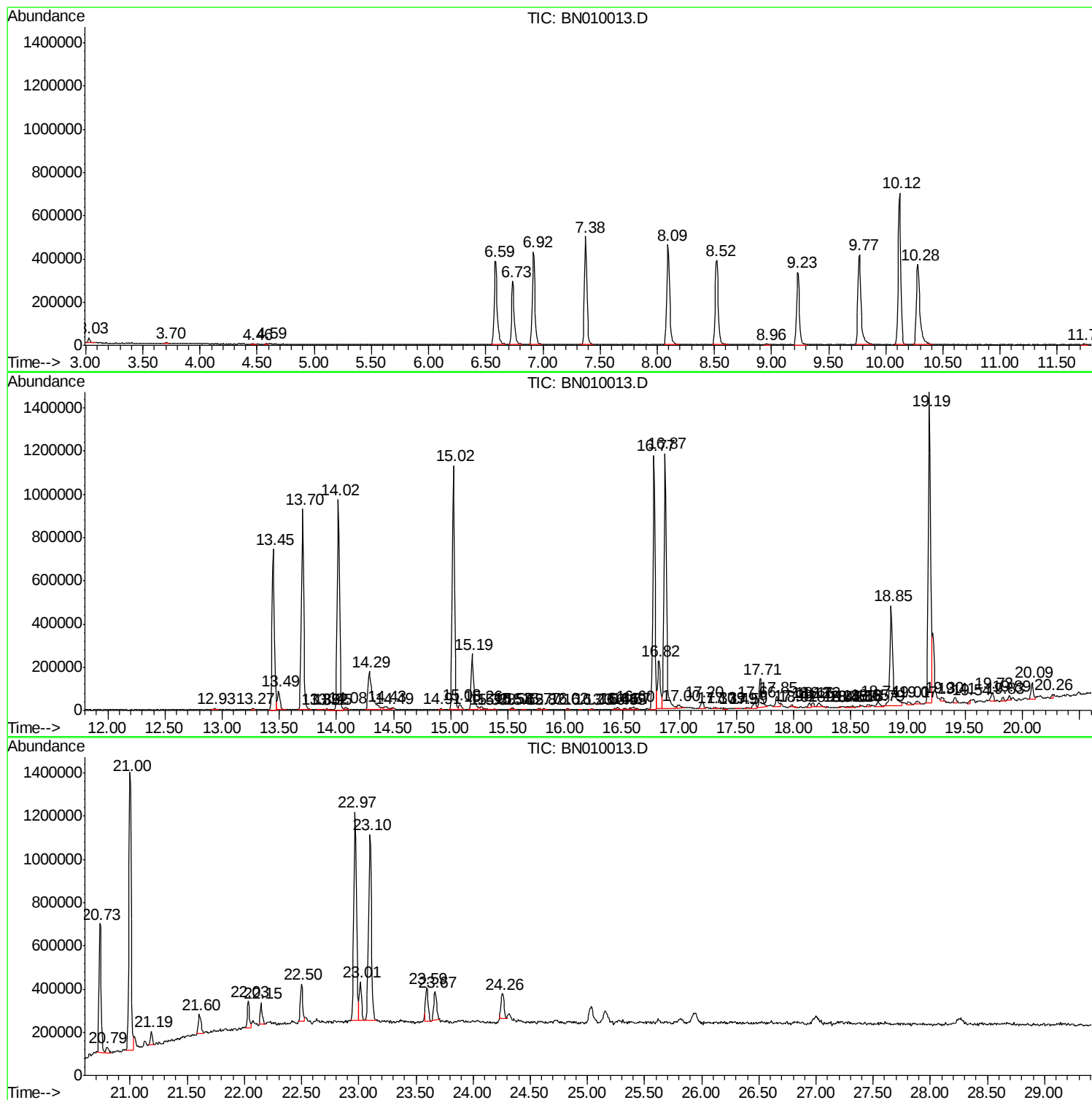
Sum of corrected areas: 29529146

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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



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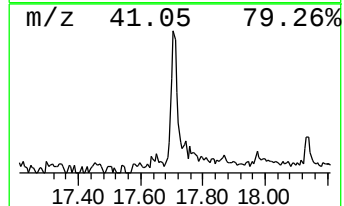
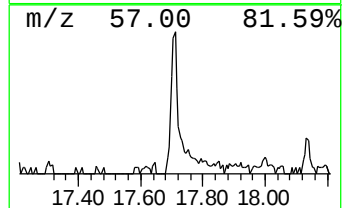
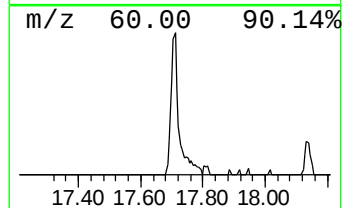
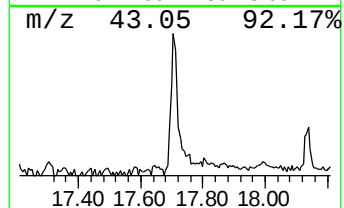
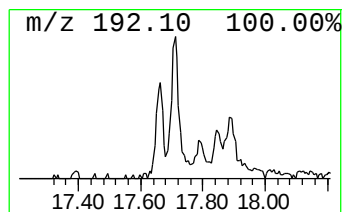
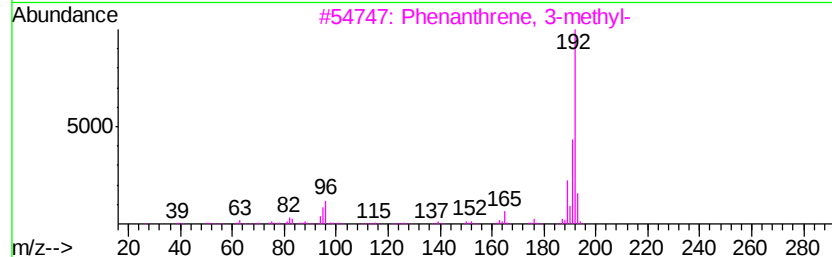
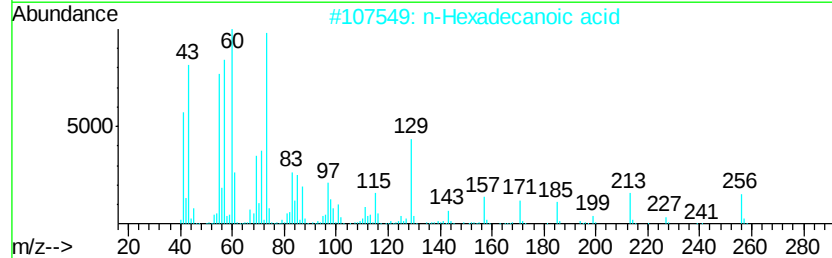
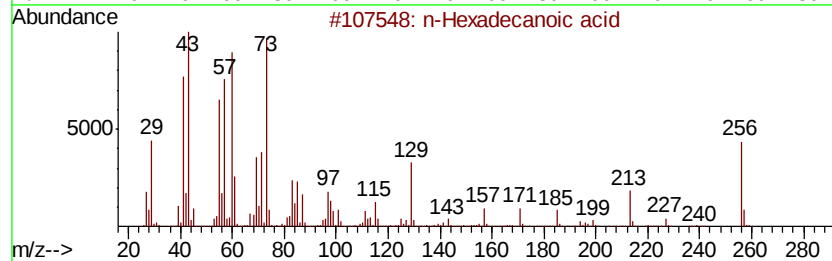
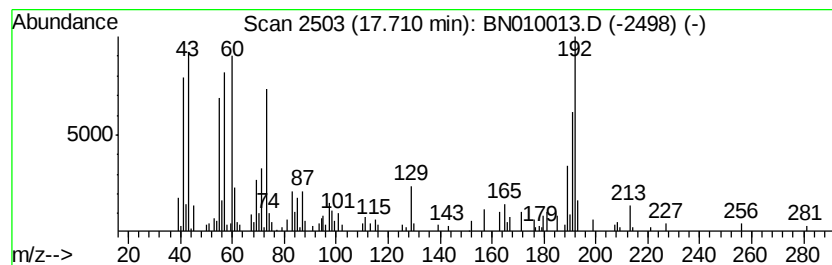
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	2.75 ng/ul	220720	Phenanthrene-d10	16.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50
3		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	47
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	43



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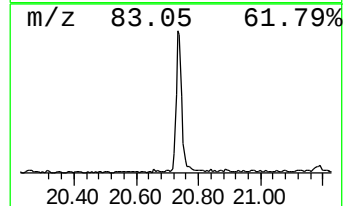
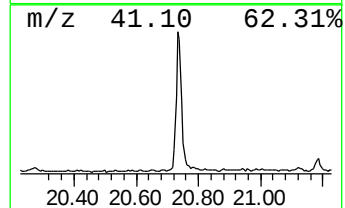
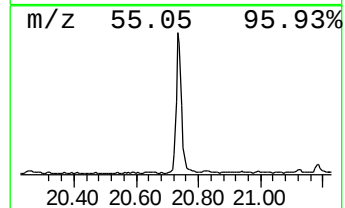
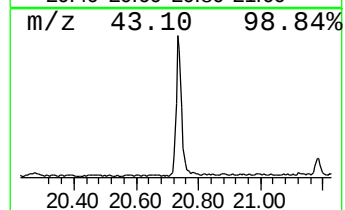
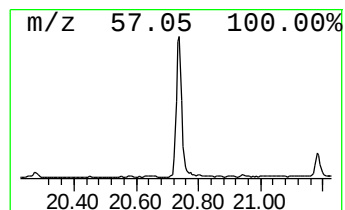
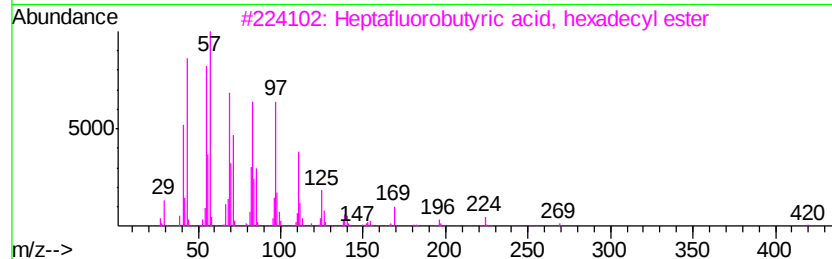
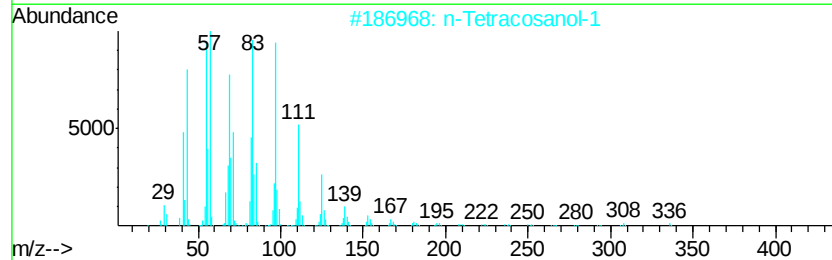
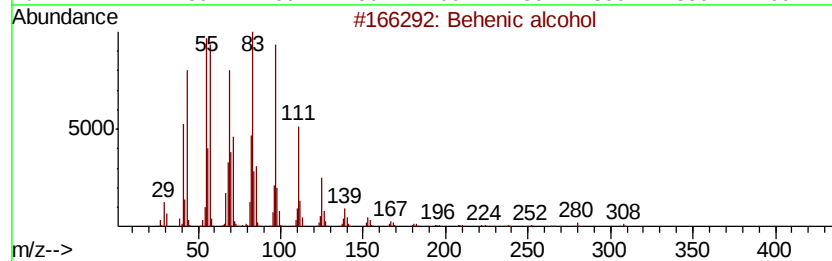
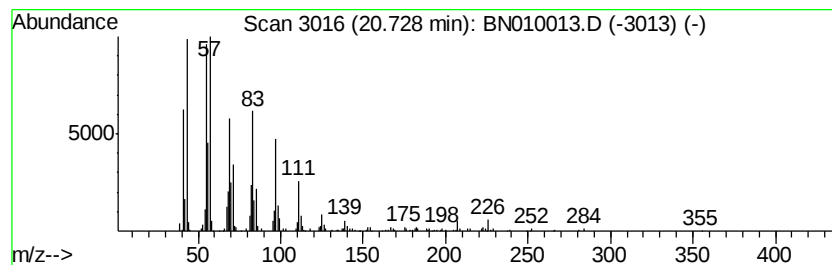
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	8.55 ng/ul	741704	Chrysene-d12	21.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Behenic alcohol	326 C22H46O	000661-19-8 91
2		n-Tetracosanol-1	354 C24H50O	000506-51-4 91
3		Heptafluorobutyric acid, hexadec...	438 C20H33F7O2	006385-15-5 91
4		Cyclotetracosane	336 C24H48	000297-03-0 91
5		1-Docosene	308 C22H44	001599-67-3 91



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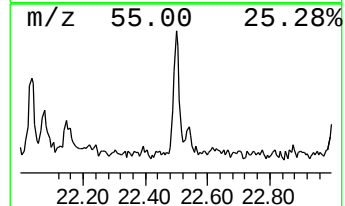
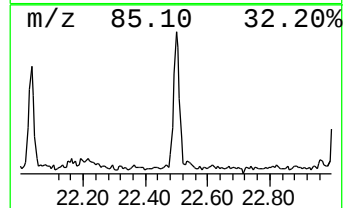
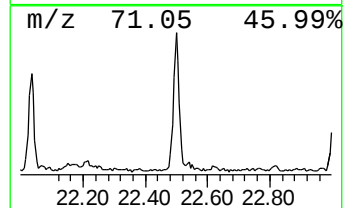
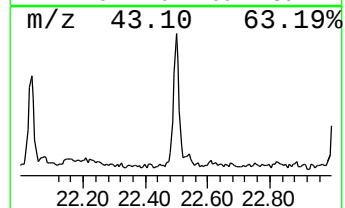
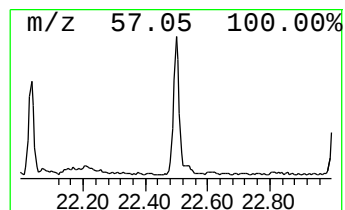
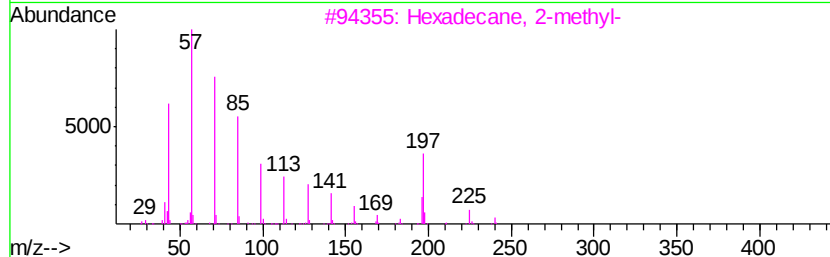
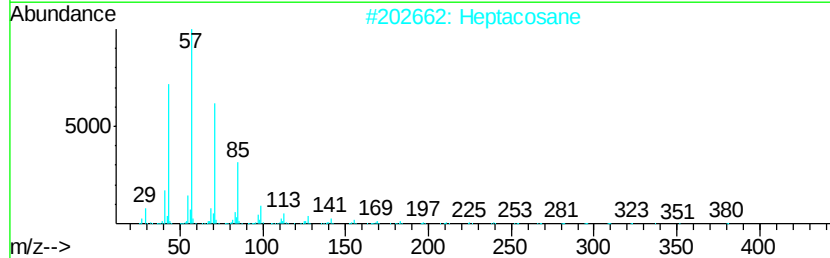
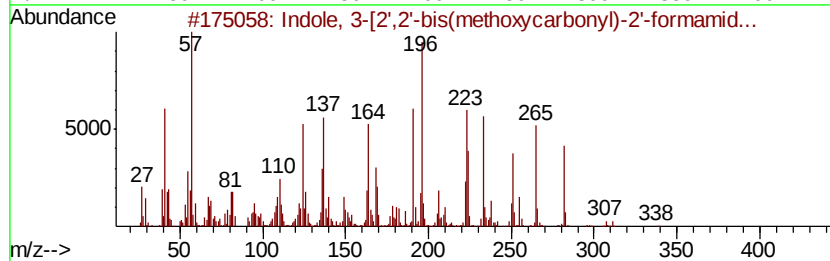
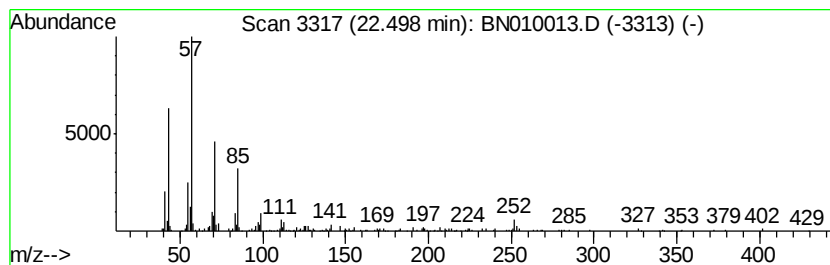
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Indole, 3-[2',2'-bis(methox... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
22.50	2.92 ng/ul	226719	Perylene-d12	23.10		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indole, 3-[2',2'-bis(methoxycarb...	338	C17H26N2O5	1000195-88-7	91	
2	Heptacosane	380	C27H56	000593-49-7	81	
3	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	81	
4	Octacosane	394	C28H58	000630-02-4	76	
5	Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	74	



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Data File : BN010013.D
Acq On : 29 Feb 2020 08:07
Operator : CG/JU
Sample : L1516-05
Misc :
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Instrument :
BNA_N
ClientSampleId :
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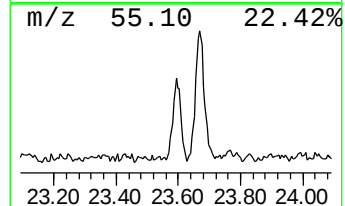
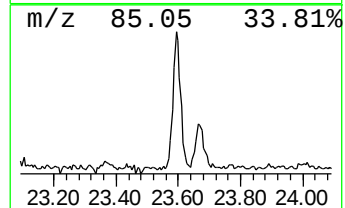
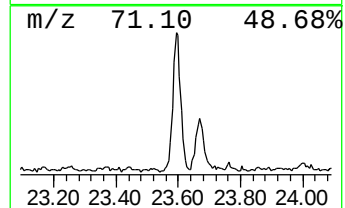
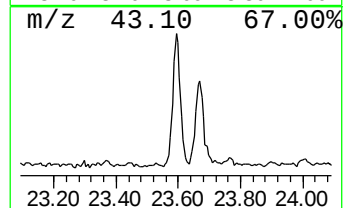
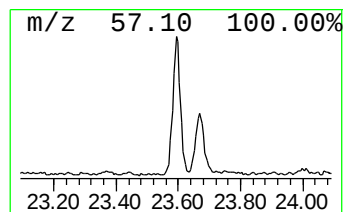
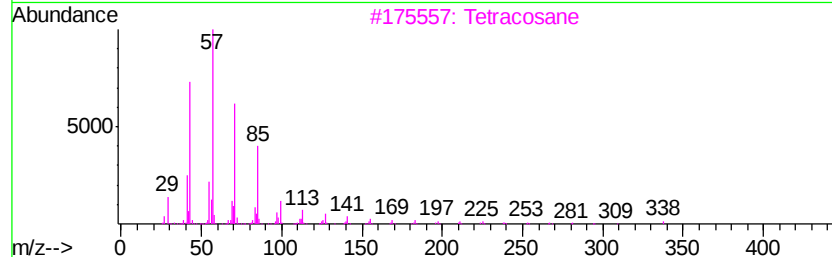
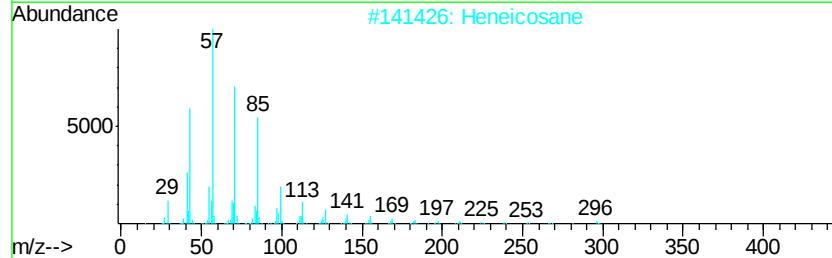
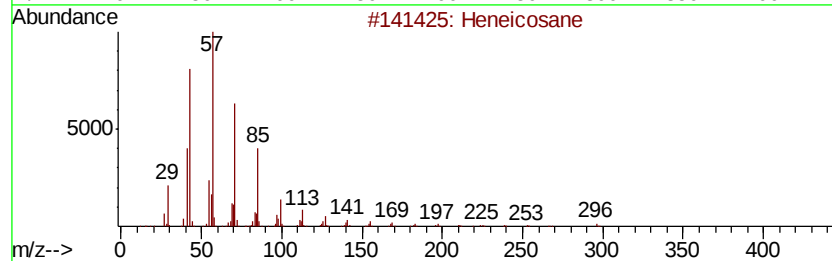
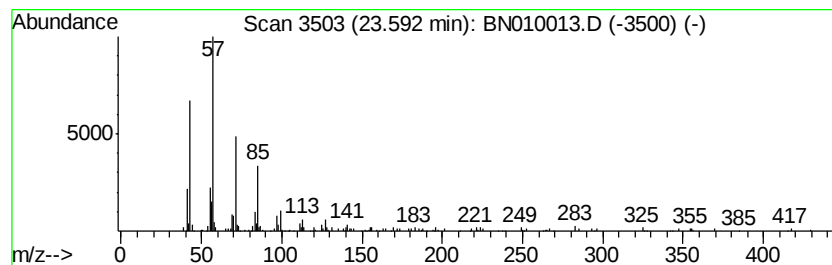
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.59	3.20 ng/ul	248150	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	94
2		Heneicosane	296	C21H44	000629-94-7	94
3		Tetracosane	338	C24H50	000646-31-1	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Heptacosane	380	C27H56	000593-49-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010013.D
Acq On : 29 Feb 2020 08:07
Operator : CG/JU
Sample : L1516-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBD23

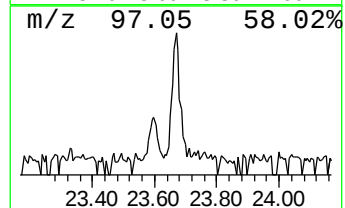
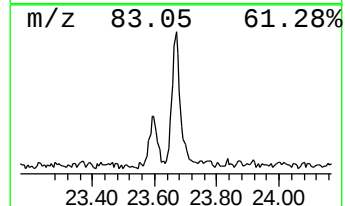
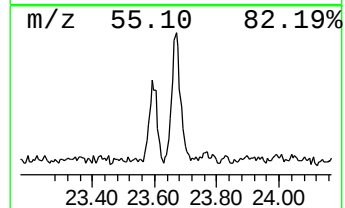
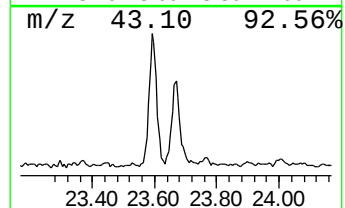
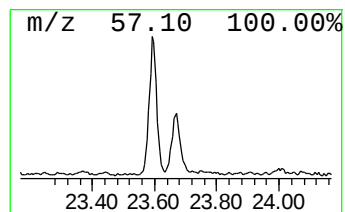
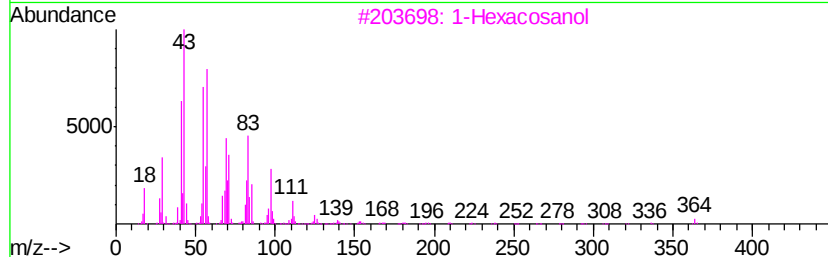
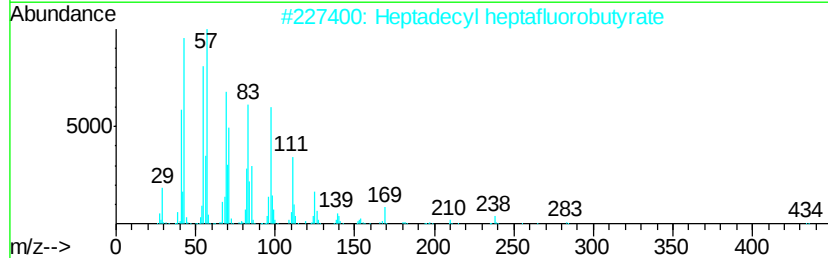
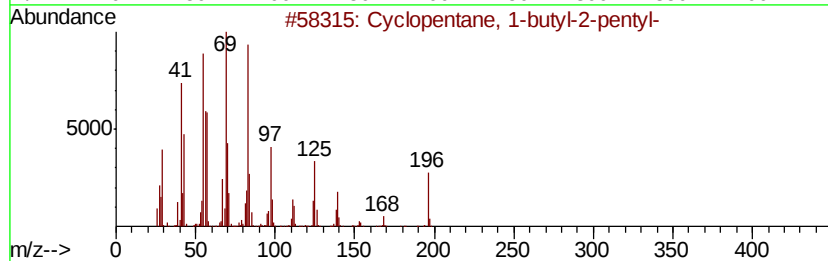
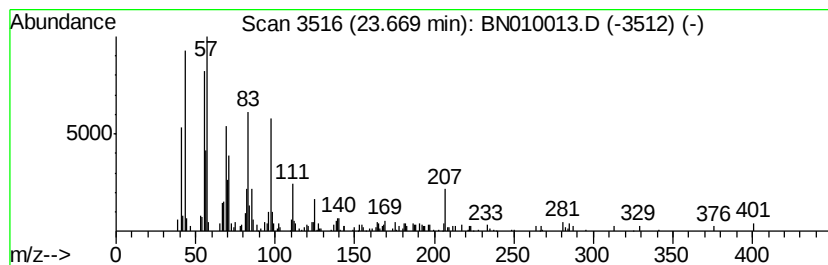
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic23.67 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	2.84 ng/ul	220517	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-butyl-2-pentyl-	196	C14H28	061142-52-7	84
2		Heptadecyl heptafluorobutyrte	452	C21H35F7O2	959085-66-6	80
3		1-Hexacosanol	382	C26H54O	000506-52-5	64
4		Heptadecyl heptafluorobutyrte	452	C21H35F7O2	959085-66-6	64
5		1-Docosene	308	C22H44	001599-67-3	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
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Acq On : 29 Feb 2020 08:07
Operator : CG/JU
Sample : L1516-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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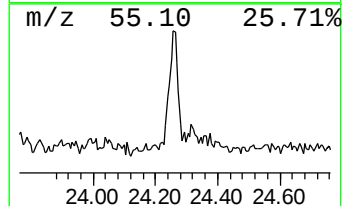
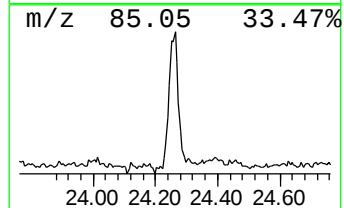
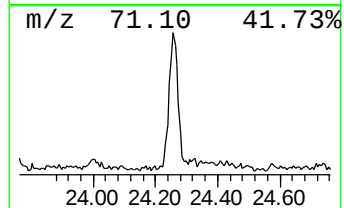
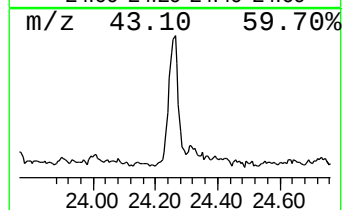
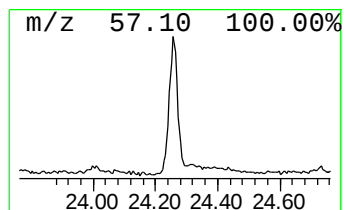
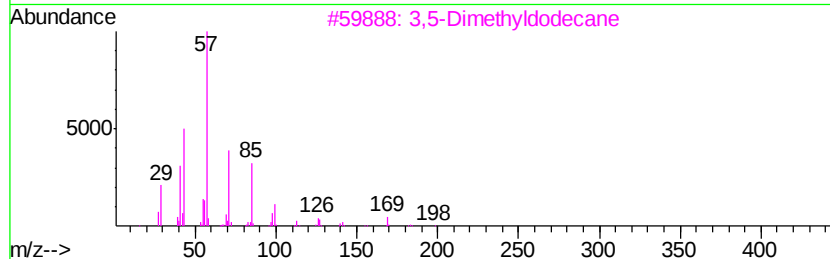
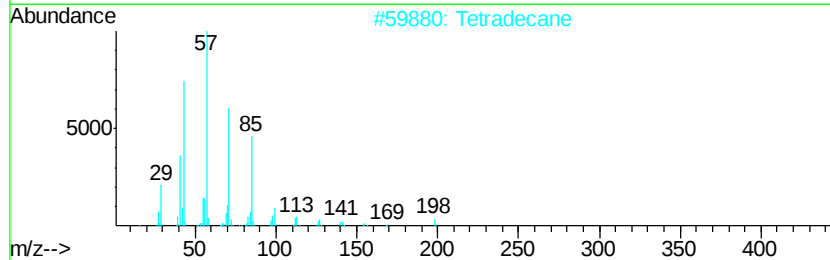
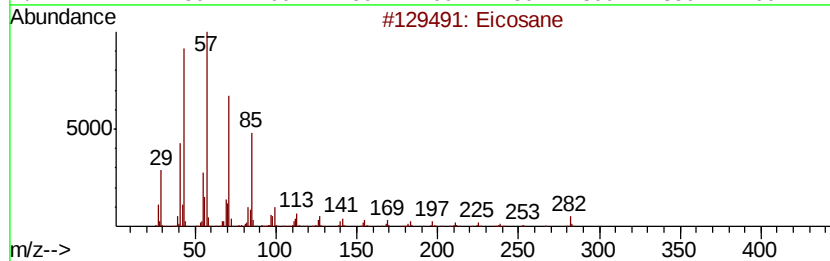
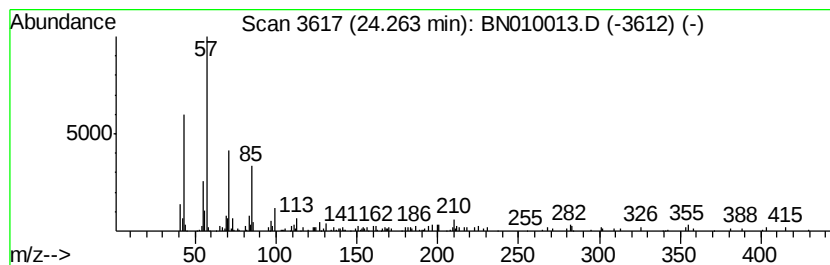
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.26	2.70 ng/ul	209401	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	86
2		Tetradecane	198	C14H30	000629-59-4	70
3		3,5-Dimethyldodecane	198	C14H30	107770-99-0	64
4		Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	64
5		Nonadecane	268	C19H40	000629-92-5	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022820\
Data File : BN010013.D
Acq On : 29 Feb 2020 08:07
Operator : CG/JU
Sample : L1516-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBD23

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.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
n-Hexadecanoic acid	17.71	2.8	ng/ul	220720	4	16.77	1605880	20.0
Behenic alcohol	20.73	8.6	ng/ul	741704	5	21.00	1734890	20.0
Indole, 3-[2',2'-...	22.50	2.9	ng/ul	226719	6	23.10	1551970	20.0
(DEL) Alkane: Str...	23.59	3.2	ng/ul	248150	6	23.10	1551970	20.0
(DEL) Alkane: Cyc...	23.67	2.8	ng/ul	220517	6	23.10	1551970	20.0
(DEL) Alkane: Str...	24.26	2.7	ng/ul	209401	6	23.10	1551970	20.0