

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
 Data File : BM024137.D
 Acq On : 18 Dec 2019 00:33
 Operator : JU
 Sample : K6132-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFQR7

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_M\METHODS\SOM-EPA-BM121719MA.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	3.010	18	21	33	rVB	76176	139683	1.14%	0.104%
2	3.704	136	139	145	rVB2	17733	26830	0.22%	0.020%
3	6.651	632	640	654	rBV	417268	763170	6.23%	0.571%
4	6.804	660	666	684	rBV	1392463	2304256	18.80%	1.723%
5	6.992	691	698	711	rBV	1544768	2546977	20.79%	1.905%
6	7.451	768	776	788	rBV	1475395	2394134	19.54%	1.790%
7	8.175	893	899	917	rBV	1355141	2237280	18.26%	1.673%
8	8.604	962	972	984	rBV	1832196	3089726	25.22%	2.310%
9	8.957	1026	1032	1037	rVB9	23360	40837	0.33%	0.031%
10	9.045	1042	1047	1052	rBV	12178	19514	0.16%	0.015%
11	9.228	1074	1078	1084	rBV6	5378	13642	0.11%	0.010%
12	9.322	1086	1094	1110	rBV	1562543	2661947	21.72%	1.990%
13	9.857	1178	1185	1208	rBV	2353966	4176134	34.08%	3.123%
14	10.016	1209	1212	1219	rVB6	8376	16396	0.13%	0.012%
15	10.222	1239	1247	1258	rBV	2320414	3941228	32.16%	2.947%
16	10.386	1269	1275	1290	rBV2	112134	263236	2.15%	0.197%
17	11.075	1387	1392	1400	rVB8	9542	20437	0.17%	0.015%
18	11.827	1516	1520	1526	rBV2	35064	63149	0.52%	0.047%
19	12.304	1594	1601	1606	rVB9	5138	14163	0.12%	0.011%
20	13.027	1717	1724	1729	rVB10	13012	23597	0.19%	0.018%
21	13.080	1729	1733	1738	rBV8	7582	13081	0.11%	0.010%
22	13.539	1805	1811	1816	rBV	4731867	6476873	52.86%	4.843%
23	13.586	1816	1819	1825	rVB	402138	526586	4.30%	0.394%
24	13.804	1848	1856	1868	rBV	5359684	8158729	66.58%	6.101%
25	14.110	1901	1908	1916	rBV	3781800	5677407	46.33%	4.245%
26	14.374	1946	1953	1968	rBV	210981	582428	4.75%	0.436%
27	14.515	1975	1977	1983	rVB7	16487	29131	0.24%	0.022%
28	14.574	1983	1987	1995	rVB6	35549	54362	0.44%	0.041%
29	14.892	2038	2041	2046	rBV6	22858	30191	0.25%	0.023%
30	14.939	2046	2049	2056	rVB4	13464	25918	0.21%	0.019%
31	15.115	2072	2079	2095	rBV	7155840	10062396	82.12%	7.524%
32	15.262	2098	2104	2116	rVV	2127923	3023890	24.68%	2.261%
33	15.357	2116	2120	2125	rVB2	74751	117310	0.96%	0.088%
34	15.557	2152	2154	2160	rVB5	21067	27785	0.23%	0.021%

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35	15.686	2174	2176	2181	rVB6	10085	14816	0.12%	0.011%
36	15.862	2203	2206	2208	rBV4	15761	16796	0.14%	0.013%
37	15.904	2210	2213	2219	rVB3	32443	49055	0.40%	0.037%
38	16.033	2232	2235	2238	rBV4	13633	20100	0.16%	0.015%
39	16.551	2319	2323	2327	rBV6	22668	30735	0.25%	0.023%
40	16.657	2338	2341	2345	rVB	34440	44350	0.36%	0.033%
41	16.868	2371	2377	2387	rBV	4767514	6677462	54.49%	4.993%
42	16.968	2387	2394	2406	rVV2	7948193	10791275	88.07%	8.069%
43	17.174	2427	2429	2432	rBV3	14337	14073	0.11%	0.011%
44	17.798	2530	2535	2543	rBV	609093	943818	7.70%	0.706%
45	18.909	2720	2724	2728	rBV	105616	156853	1.28%	0.117%
46	19.092	2751	2755	2764	rBV2	275921	499171	4.07%	0.373%
47	19.162	2764	2767	2772	rVB	86701	127492	1.04%	0.095%
48	19.274	2780	2786	2796	rBV	9039028	12253501	100.00%	9.163%
49	20.356	2968	2970	2975	rVB	135558	142942	1.17%	0.107%
50	20.821	3045	3049	3055	rBV	975795	1175904	9.60%	0.879%
51	21.080	3088	3093	3103	rBV2	5638848	7312730	59.68%	5.468%
52	21.262	3120	3124	3128	rBV	966802	1064655	8.69%	0.796%
53	21.597	3177	3181	3189	rBV	1222880	1754385	14.32%	1.312%
54	21.680	3191	3195	3202	rVB	1633332	1946066	15.88%	1.455%
55	22.121	3266	3270	3275	rVB	2246241	2705451	22.08%	2.023%
56	22.597	3347	3351	3362	rVB	2130317	2998491	24.47%	2.242%
57	23.080	3427	3433	3438	rBV	5878816	10193156	83.19%	7.622%
58	23.133	3438	3442	3448	rVV	1893748	2991353	24.41%	2.237%
59	23.215	3449	3456	3469	rVB	3373651	6294773	51.37%	4.707%
60	23.733	3539	3544	3552	rVB	1380972	2431141	19.84%	1.818%
61	24.427	3658	3662	3670	rVB	751968	1521325	12.42%	1.138%

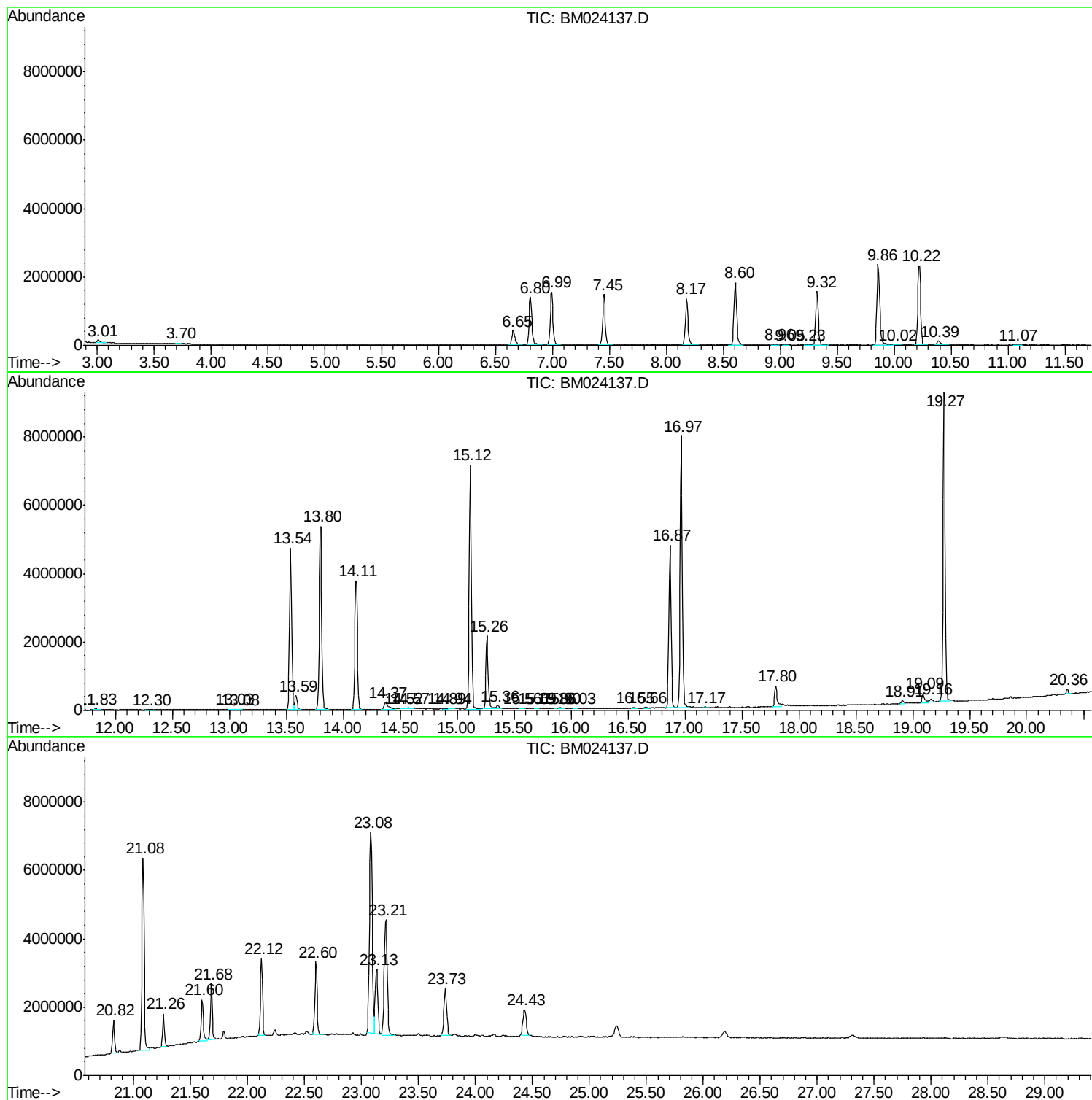
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Quant Title : SVOA CALIBRATION

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



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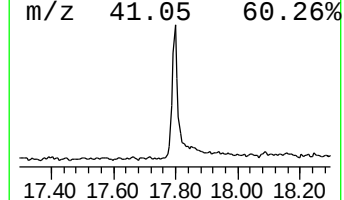
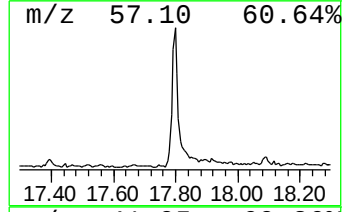
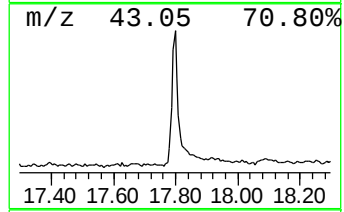
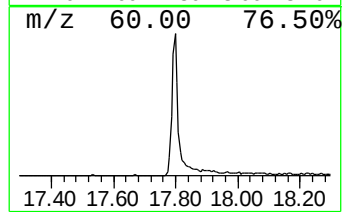
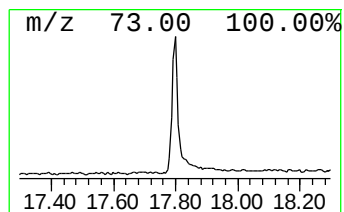
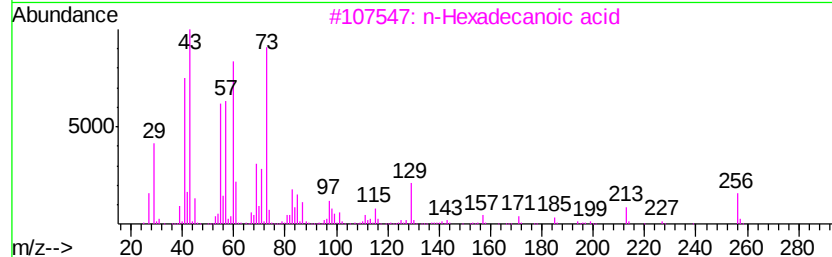
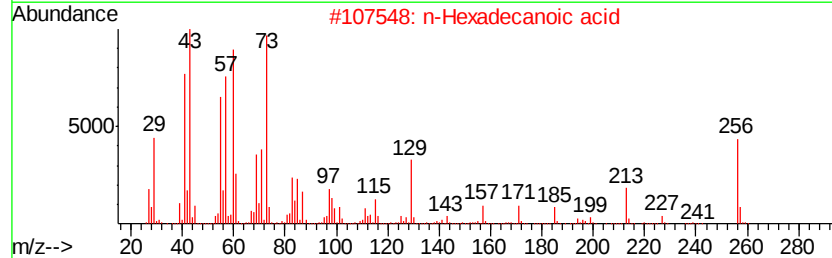
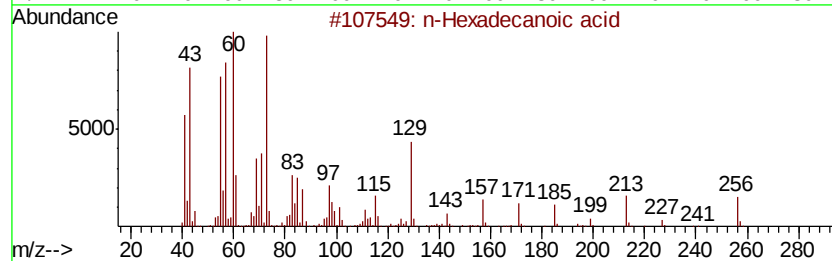
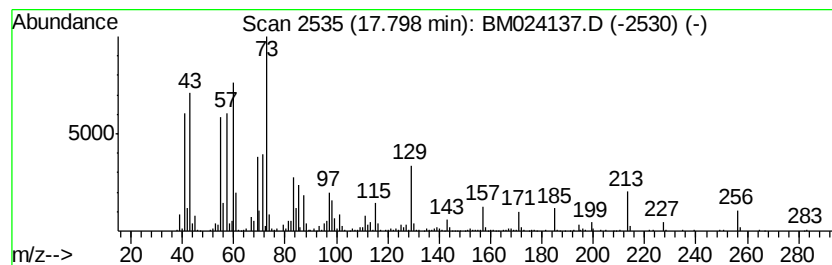
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	2.83 ng/ul	943818	Phenanthrene-d10	16.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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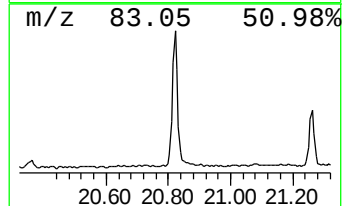
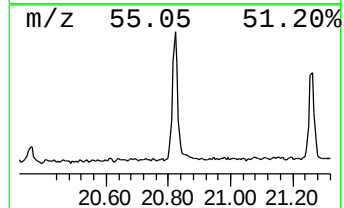
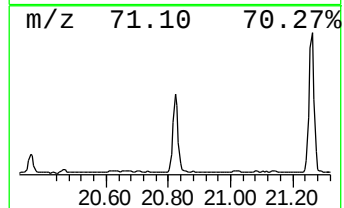
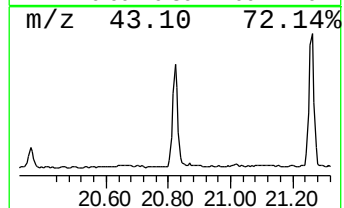
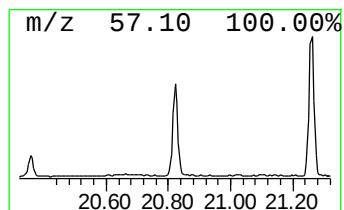
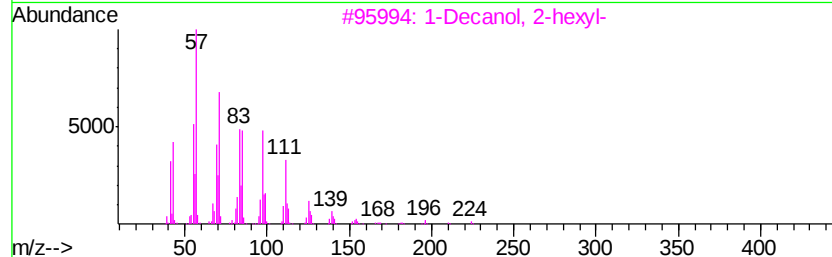
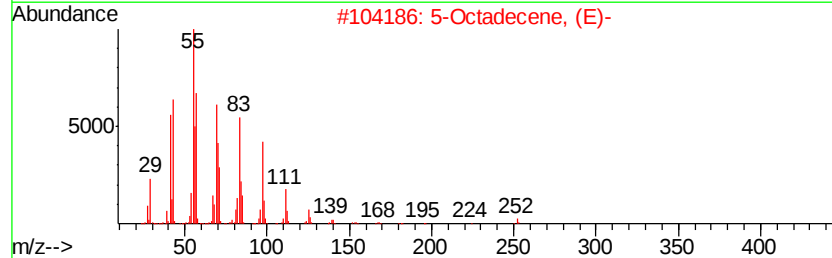
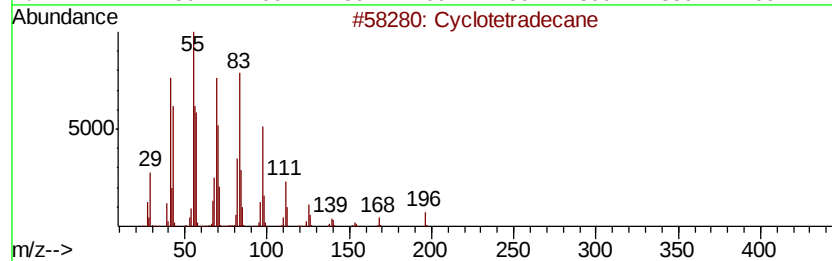
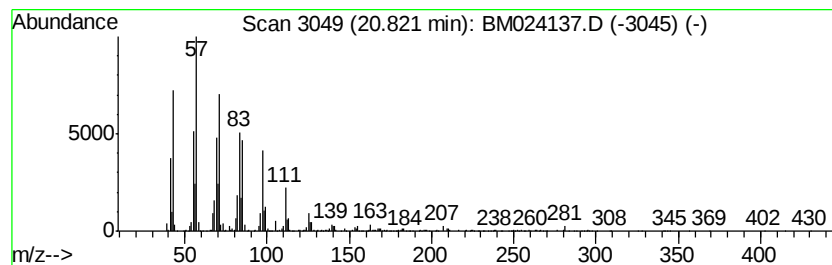
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Cyclic20.82 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	3.22 ng/ul	1175900	Chrysene-d12	21.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	92
2		5-Octadecene, (E)-	252	C18H36	007206-21-5	91
3		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
4		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
5		Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	87



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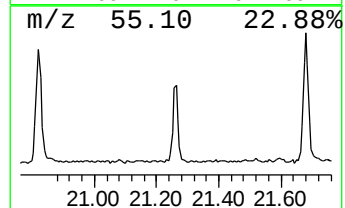
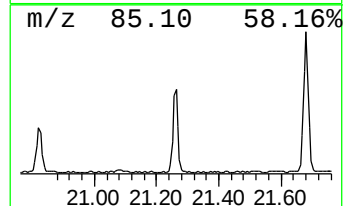
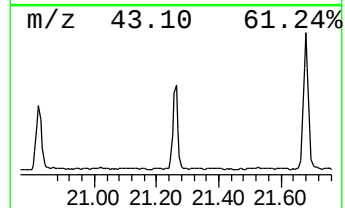
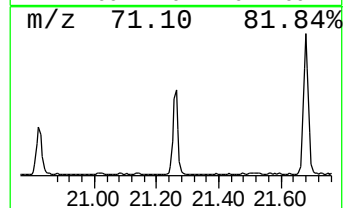
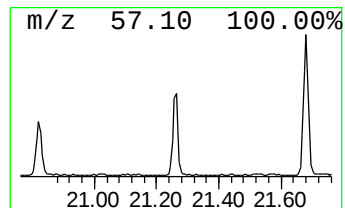
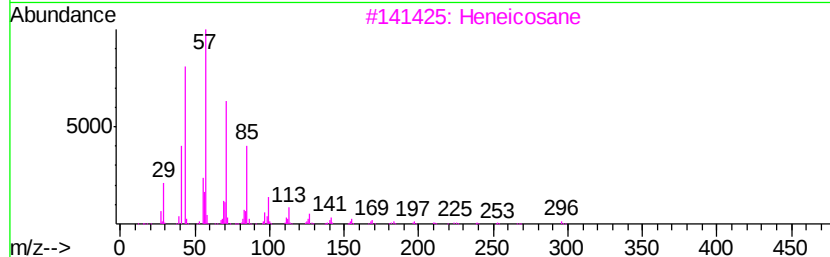
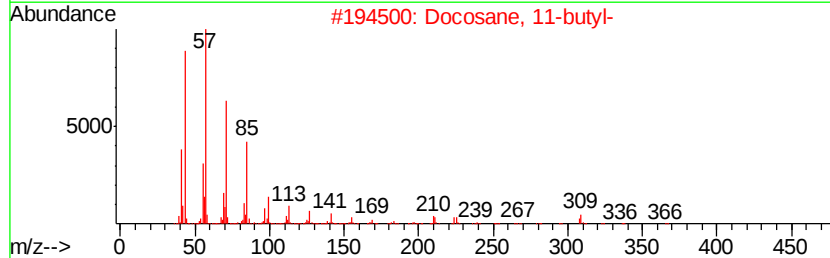
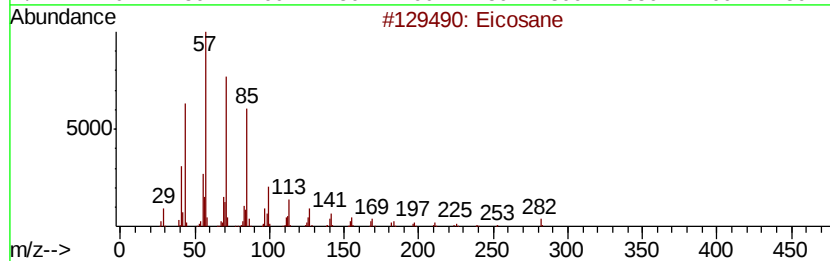
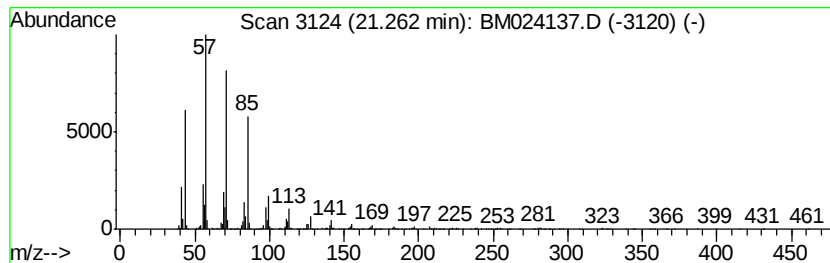
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.26	2.91 ng/ul	1064660	Chrysene-d12	21.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Hexadecane, 6,11-dipentyl-	366	C26H54	015874-03-0	91
5		Docosane, 9-butyl-	366	C26H54	055282-14-9	91



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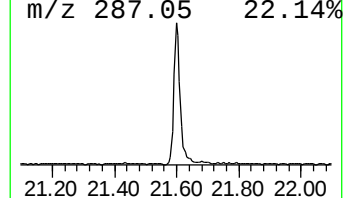
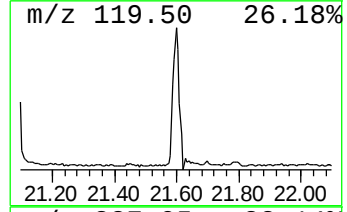
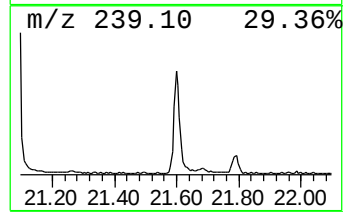
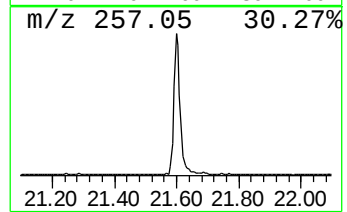
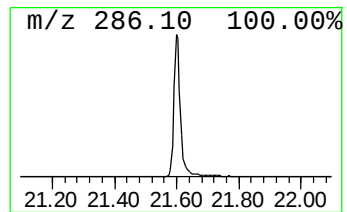
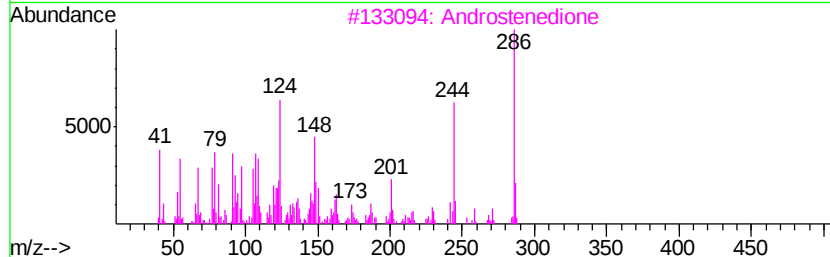
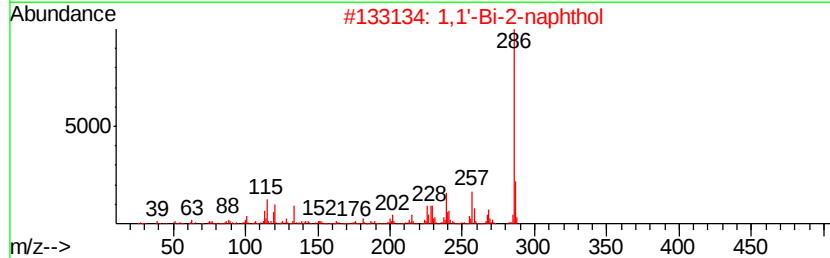
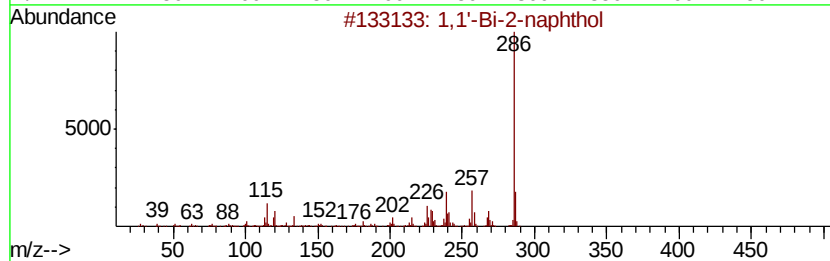
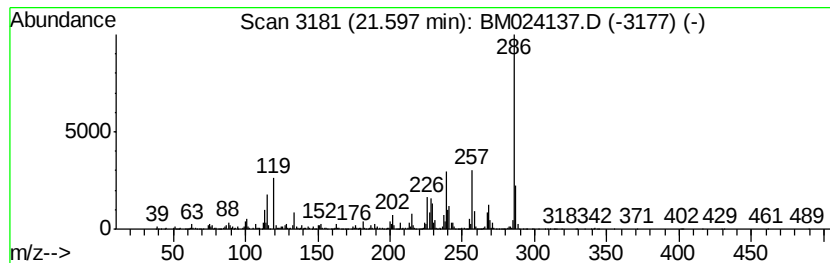
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1,1'-Bi-2-naphthol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.60	4.80 ng/ul	1754390	Chrysene-d12	21.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Bi-2-naphthol	286	C20H14O2	000602-09-5	98
2		1,1'-Bi-2-naphthol	286	C20H14O2	000602-09-5	98
3		Androstenedione	286	C19H26O2	000063-05-8	92
4		1,1'-Bi-2-naphthol	286	C20H14O2	000602-09-5	90
5		7-Hydroxymethyl-5,12-dimethylben...	286	C21H18O	035187-22-5	72



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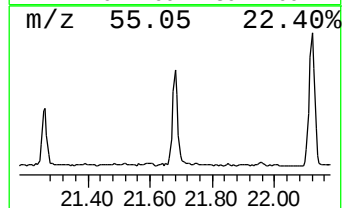
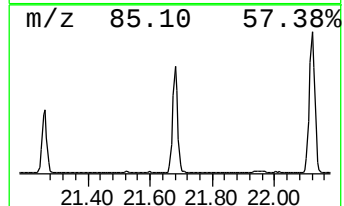
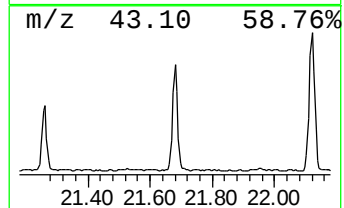
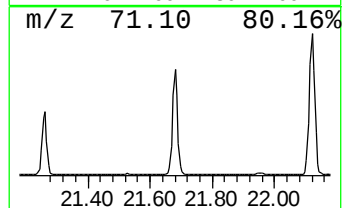
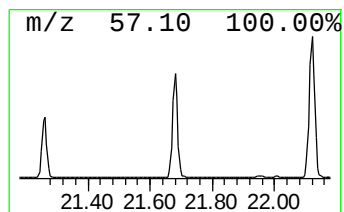
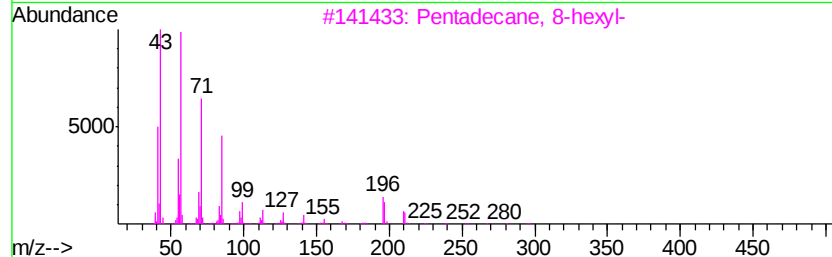
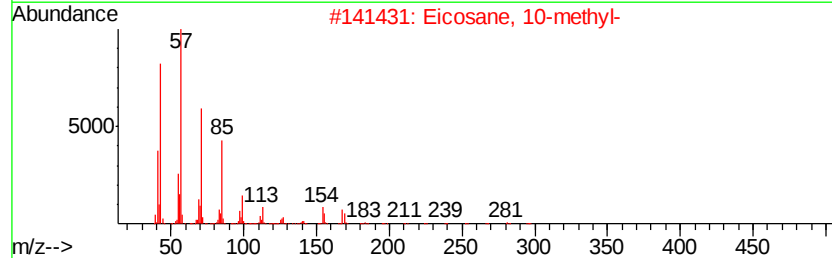
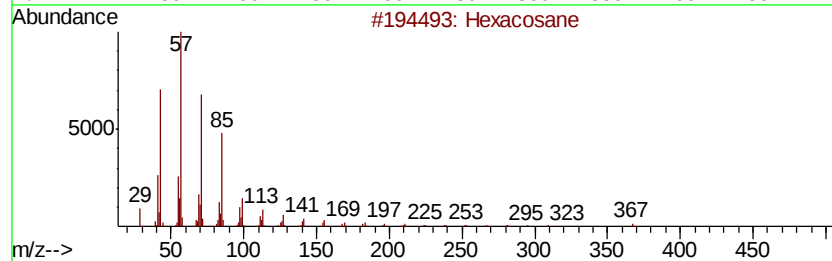
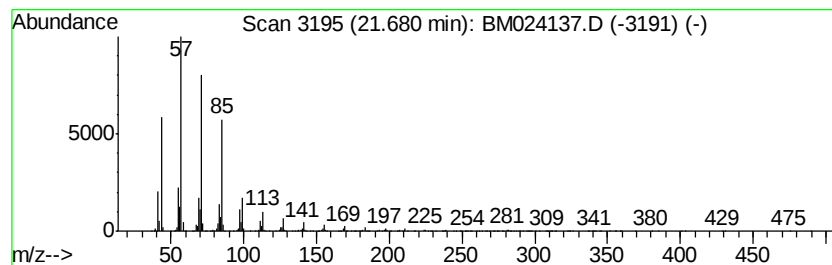
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.68	5.32 ng/ul	1946070	Chrysene-d12	21.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4		Heneicosane	296	C21H44	000629-94-7	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024137.D
Acq On : 18 Dec 2019 00:33
Operator : JU
Sample : K6132-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFQR7

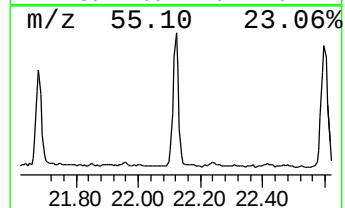
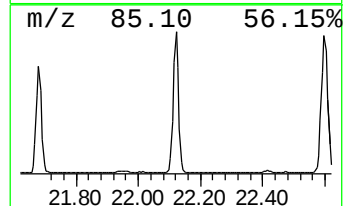
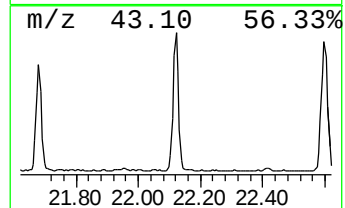
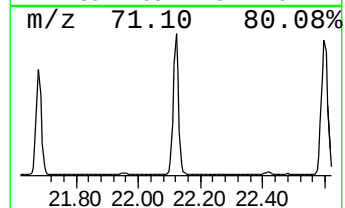
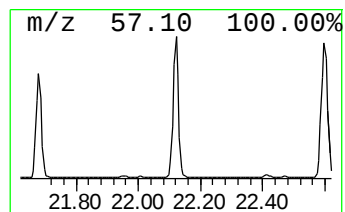
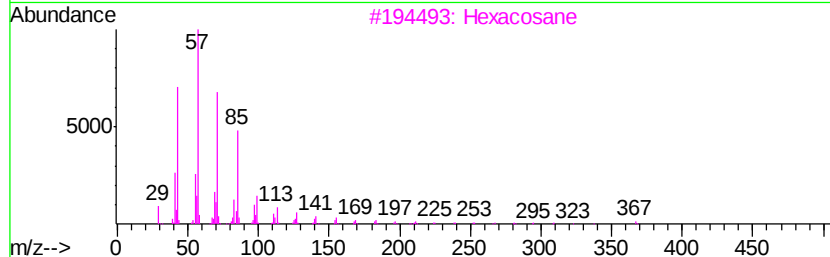
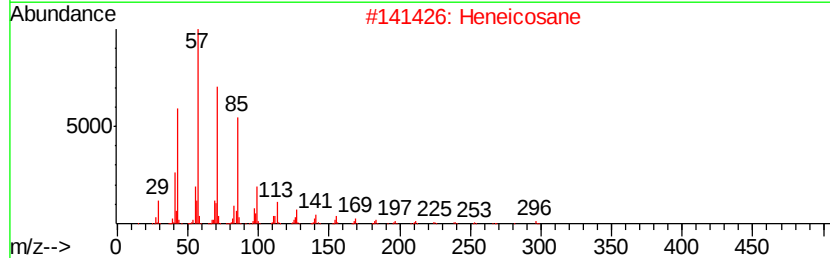
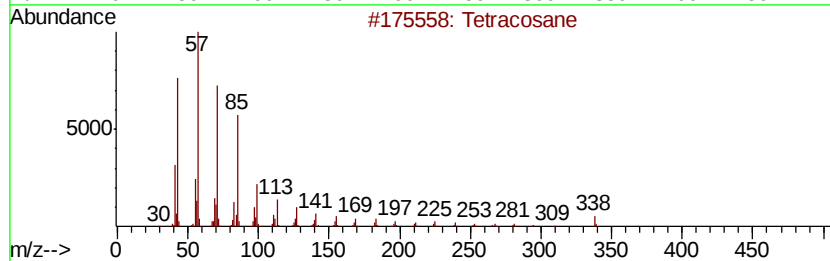
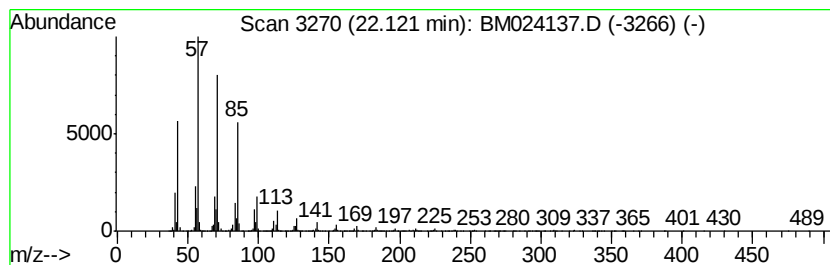
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Quant Title : SVOA CALIBRATION

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.
22.12	7.40 ng/ul	2705450	Chrysene-d12	21.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024137.D
Acq On : 18 Dec 2019 00:33
Operator : JU
Sample : K6132-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

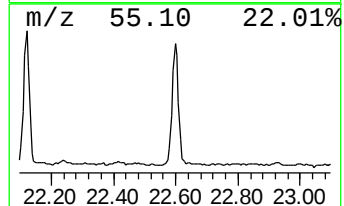
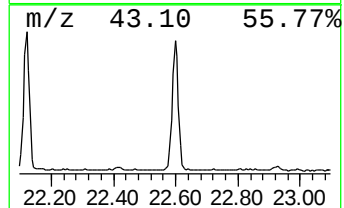
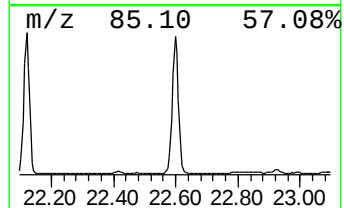
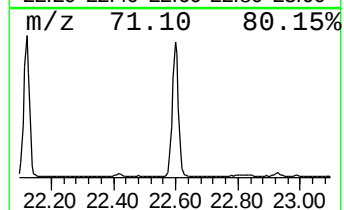
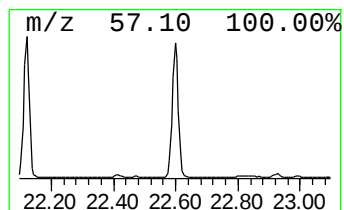
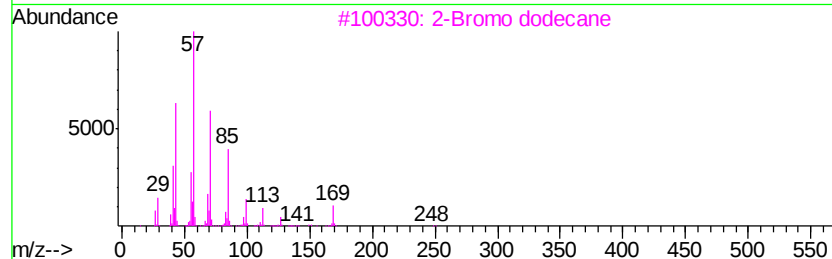
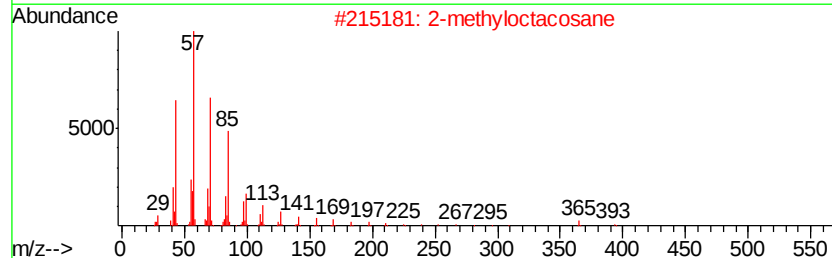
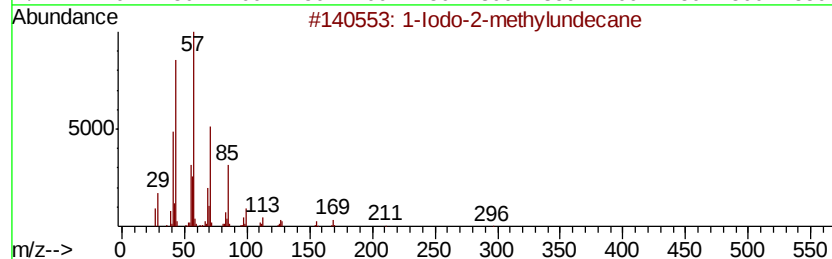
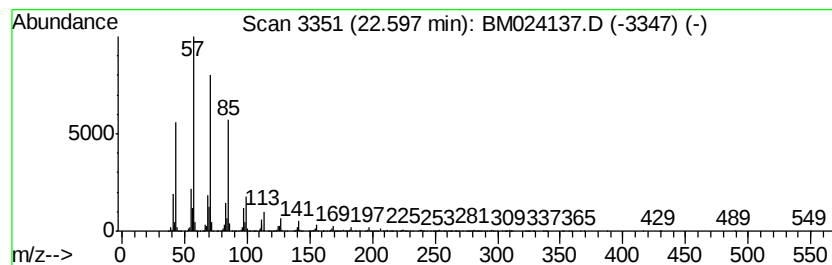
Instrument :
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ClientSampleId :
BFQR7

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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1-Iodo-2-methylundecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.60	9.53 ng/ul	2998490	Perylene-d12	23.21
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6 91
2	2-methyloctacosane	408	C29H60	1000376-72-8 91
3	2-Bromo dodecane	248	C12H25Br	013187-99-0 91
4	Octacosane	394	C28H58	000630-02-4 91
5	Heneicosane	296	C21H44	000629-94-7 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024137.D
Acq On : 18 Dec 2019 00:33
Operator : JU
Sample : K6132-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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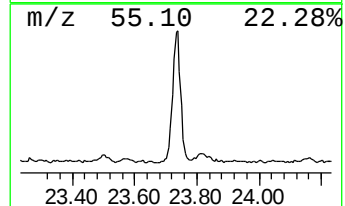
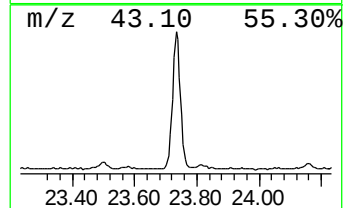
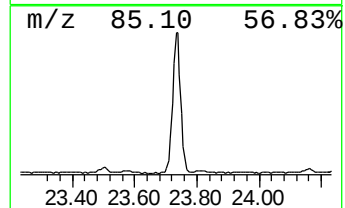
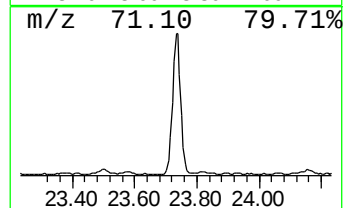
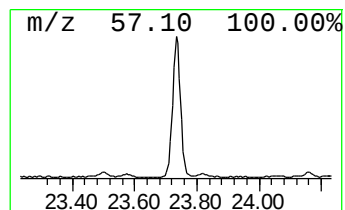
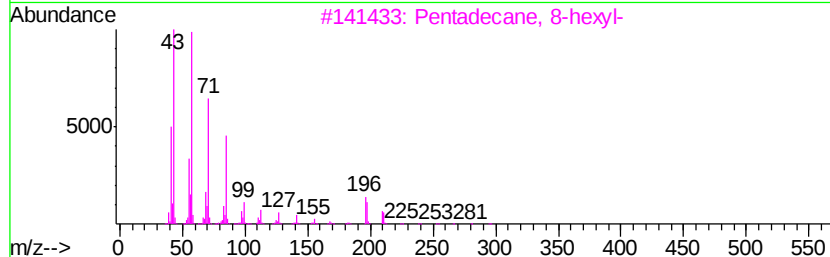
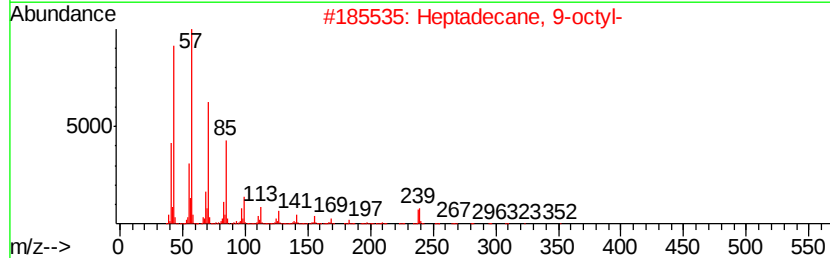
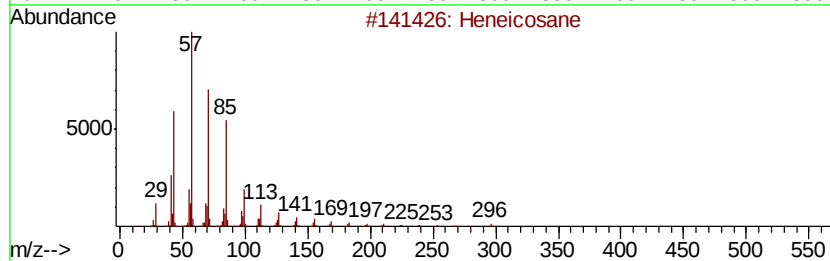
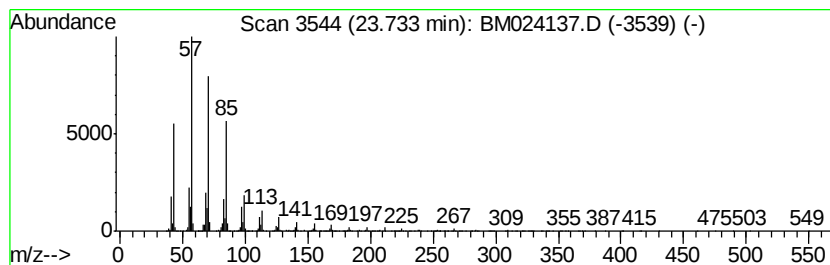
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.73	7.72 ng/ul	2431140	Perylene-d12	23.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5		Heneicosane	296	C21H44	000629-94-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024137.D
Acq On : 18 Dec 2019 00:33
Operator : JU
Sample : K6132-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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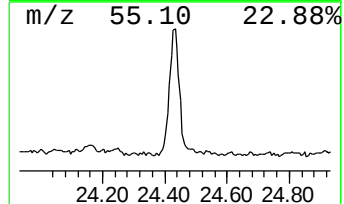
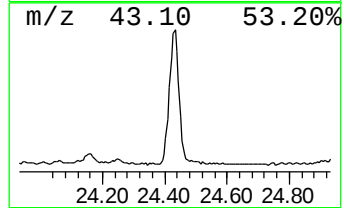
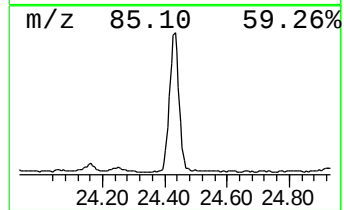
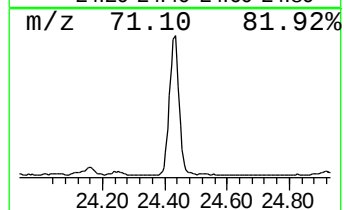
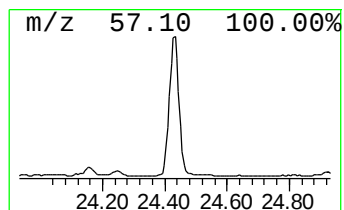
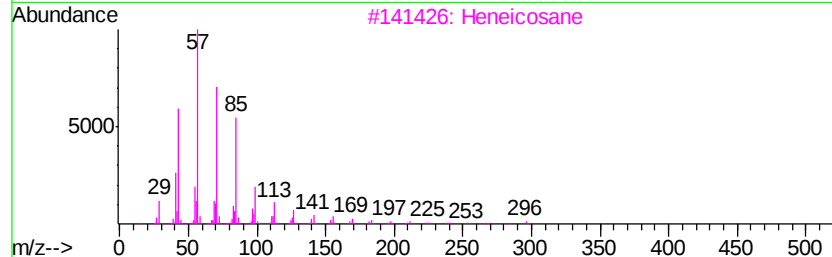
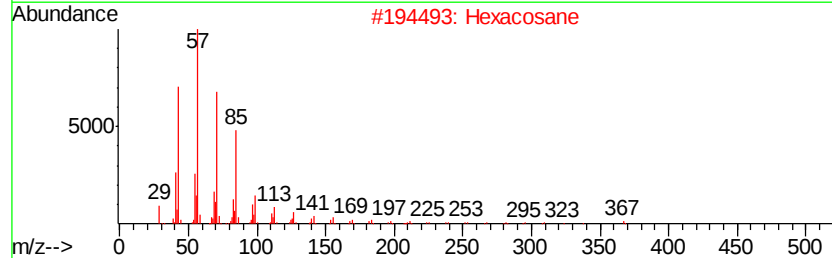
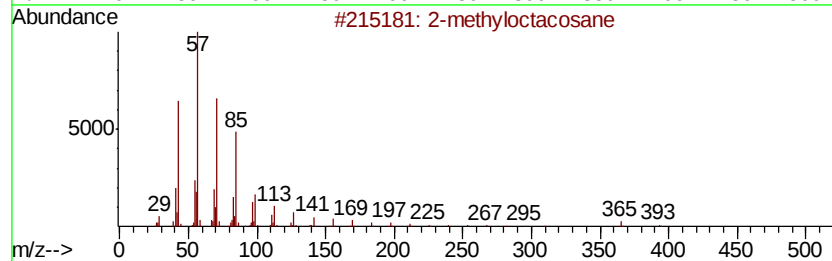
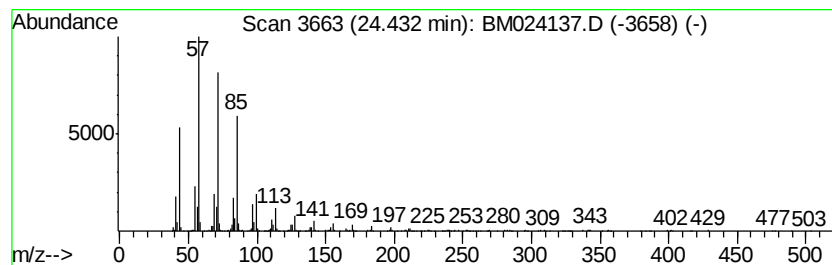
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.43	4.83 ng/ul	1521330	Perylene-d12	23.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	91
2			Hexacosane	366	C26H54	000630-01-3	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5			Eicosane, 10-methyl-	296	C21H44	054833-23-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121719\
Data File : BM024137.D
Acq On : 18 Dec 2019 00:33
Operator : JU
Sample : K6132-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFQR7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.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	17.80	2.8	ng/ul	943818	4	16.87	6677460	20.0
(DEL) Alkane: Cyc...	20.82	3.2	ng/ul	1175900	5	21.08	7312730	20.0
(DEL) Alkane: Str...	21.26	2.9	ng/ul	1064660	5	21.08	7312730	20.0
1,1'-Bi-2-naphthol	21.60	4.8	ng/ul	1754390	5	21.08	7312730	20.0
(DEL) Alkane: Str...	21.68	5.3	ng/ul	1946070	5	21.08	7312730	20.0
(DEL) Alkane: Str...	22.12	7.4	ng/ul	2705450	5	21.08	7312730	20.0
1-Iodo-2-methylun...	22.60	9.5	ng/ul	2998490	6	23.21	6294770	20.0
(DEL) Alkane: Str...	23.73	7.7	ng/ul	2431140	6	23.21	6294770	20.0
(DEL) Alkane: Str...	24.43	4.8	ng/ul	1521330	6	23.21	6294770	20.0