

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
 Data File : BM029505.D
 Acq On : 15 Apr 2021 16:13
 Operator : CG/JU
 Sample : PB135614BL
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK14

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-BM040721MA.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	2.934	5	8	14	rVB	73887	94145	6.42%	0.879%
2	3.010	19	21	24	rVV3	18611	18129	1.24%	0.169%
3	3.063	28	30	32	rVV2	13837	12012	0.82%	0.112%
4	3.098	32	36	44	rVB	947439	1001307	68.29%	9.346%
5	3.246	59	61	64	rVB2	3096	2941	0.20%	0.027%
6	3.434	90	93	98	rVB	26151	30932	2.11%	0.289%
7	3.516	105	107	111	rBV4	2407	3027	0.21%	0.028%
8	3.898	168	172	177	rVB	9685	13940	0.95%	0.130%
9	4.581	284	288	291	rBV5	2052	3179	0.22%	0.030%
10	4.840	330	332	338	rVB5	1951	2459	0.17%	0.023%
11	5.151	382	385	388	rVB4	1322	1572	0.11%	0.015%
12	5.587	457	459	462	rVB4	2102	2038	0.14%	0.019%
13	6.157	553	556	557	rBV3	1852	1701	0.12%	0.016%
14	6.186	559	561	565	rVB5	1402	1500	0.10%	0.014%
15	6.622	632	635	638	rBV5	1200	2022	0.14%	0.019%
16	6.757	656	658	661	rBV3	1279	1517	0.10%	0.014%
17	7.445	773	775	779	rBV3	1211	1647	0.11%	0.015%
18	7.675	807	814	830	rBV	524242	824418	56.22%	7.695%
19	8.233	906	909	911	rBV3	1517	1510	0.10%	0.014%
20	9.033	1041	1045	1048	rBV5	1102	1514	0.10%	0.014%
21	9.780	1169	1172	1174	rBV3	1680	1517	0.10%	0.014%
22	10.286	1255	1258	1261	rBV4	1031	1614	0.11%	0.015%
23	10.357	1268	1270	1274	rVB3	1153	1487	0.10%	0.014%
24	10.457	1279	1287	1300	rVV	632011	1074193	73.26%	10.026%
25	10.745	1335	1336	1343	rBV4	1053	1966	0.13%	0.018%
26	10.922	1363	1366	1371	rBV5	1104	1643	0.11%	0.015%
27	14.315	1936	1943	1954	rBV	912924	1332928	90.90%	12.441%
28	16.039	2232	2236	2242	rBV2	3946	5454	0.37%	0.051%
29	16.198	2261	2263	2268	rVB4	1861	2550	0.17%	0.024%
30	16.568	2321	2326	2327	rBV3	2135	2367	0.16%	0.022%
31	16.762	2355	2359	2361	rVB2	1662	1742	0.12%	0.016%
32	16.833	2366	2371	2378	rBV5	5595	11136	0.76%	0.104%
33	17.056	2403	2409	2418	rBV	1062864	1466352	100.00%	13.686%
34	17.151	2423	2425	2430	rVB3	2865	4176	0.28%	0.039%

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35	17.298	2444	2450	2453	rBV4	1015	1917	0.13%	0.018%
36	17.403	2463	2468	2469	rVV4	1390	1984	0.14%	0.019%
37	17.533	2489	2490	2493	rBV3	1653	1657	0.11%	0.015%
38	17.568	2493	2496	2502	rVV3	3036	4584	0.31%	0.043%
39	17.733	2521	2524	2527	rVB5	1859	2315	0.16%	0.022%
40	18.021	2570	2573	2574	rBV3	1387	1533	0.10%	0.014%
41	18.262	2610	2614	2618	rVB	11050	14653	1.00%	0.137%
42	18.533	2658	2660	2662	rBV3	1452	1474	0.10%	0.014%
43	18.574	2665	2667	2669	rBV2	2013	1777	0.12%	0.017%
44	18.774	2699	2701	2702	rBV2	2367	1522	0.10%	0.014%
45	18.897	2718	2722	2727	rBV8	7179	10582	0.72%	0.099%
46	19.050	2746	2748	2749	rBV2	3171	1630	0.11%	0.015%
47	19.392	2802	2806	2812	rBV	283094	326689	22.28%	3.049%
48	19.474	2816	2820	2823	rBV	48625	54983	3.75%	0.513%
49	19.509	2823	2826	2832	rVB	64210	71943	4.91%	0.671%
50	20.009	2907	2911	2915	rBV	53756	58833	4.01%	0.549%
51	20.439	2980	2984	2990	rBV	271340	287724	19.62%	2.685%
52	20.503	2991	2995	2998	rVV	124784	134682	9.18%	1.257%
53	20.539	2998	3001	3006	rVB	25079	30188	2.06%	0.282%
54	20.962	3070	3073	3078	rBV	101675	111189	7.58%	1.038%
55	21.233	3114	3119	3125	rBV	1157862	1434718	97.84%	13.391%
56	21.397	3144	3147	3152	rBV	164883	168550	11.49%	1.573%
57	21.827	3216	3220	3224	rBV	134886	164376	11.21%	1.534%
58	22.280	3294	3297	3303	rVB	148717	195905	13.36%	1.828%
59	22.780	3379	3382	3387	rVB	129312	167099	11.40%	1.560%
60	23.338	3473	3477	3485	rVB2	121352	206243	14.07%	1.925%
61	23.438	3488	3494	3502	rVB2	695740	1324854	90.35%	12.365%

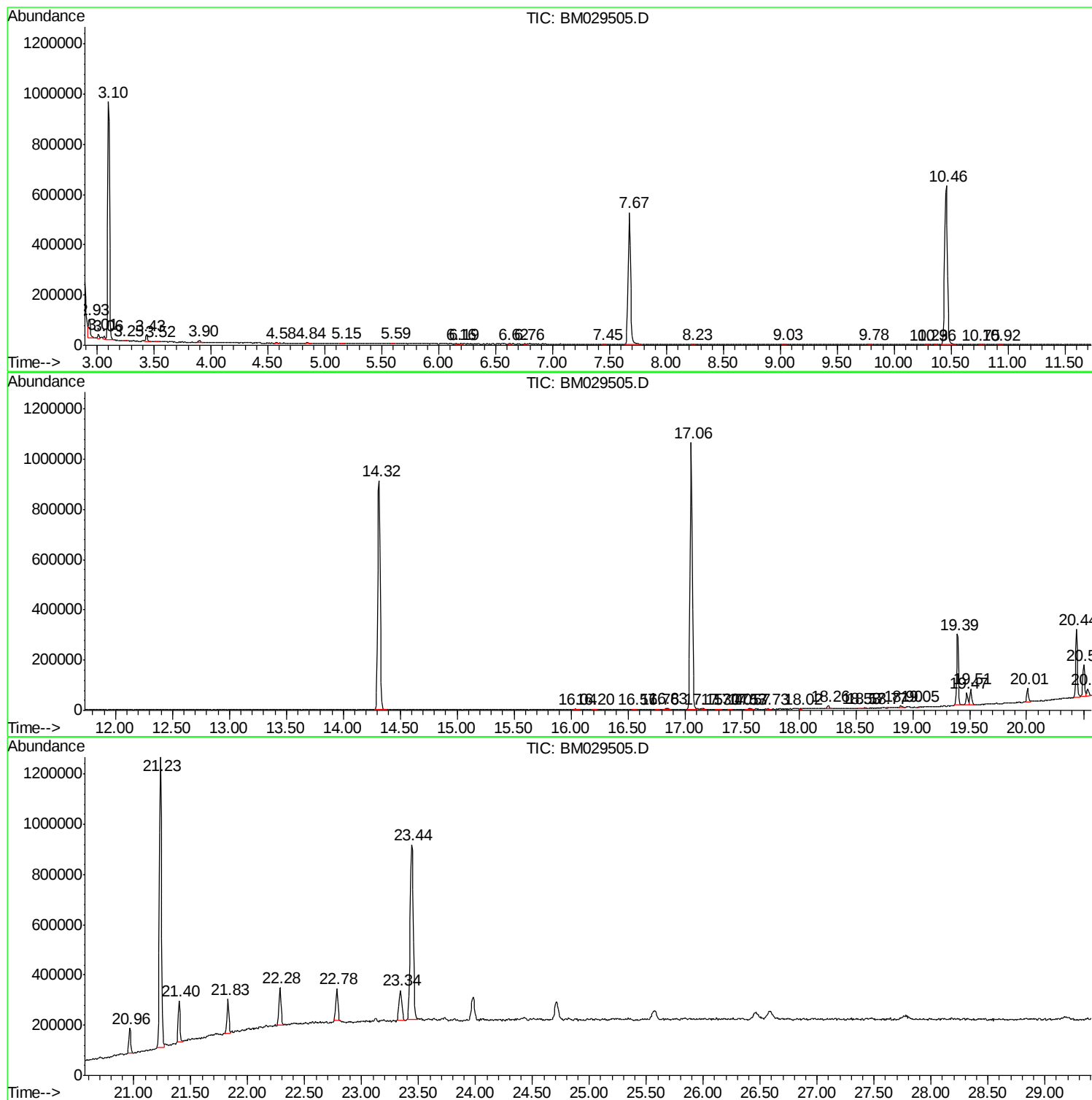
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Quant Title : SVOA CALIBRATION

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



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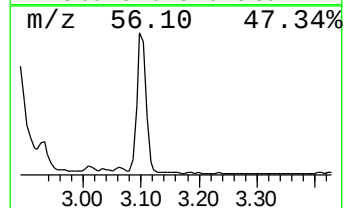
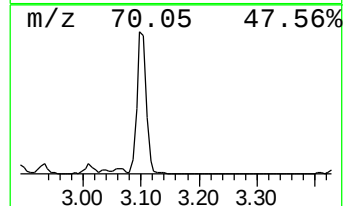
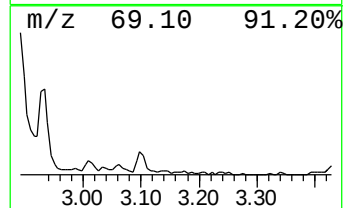
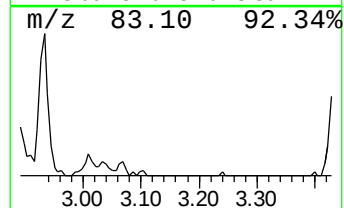
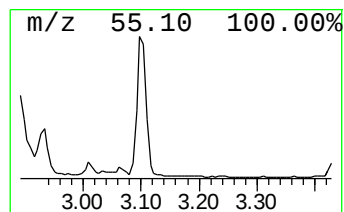
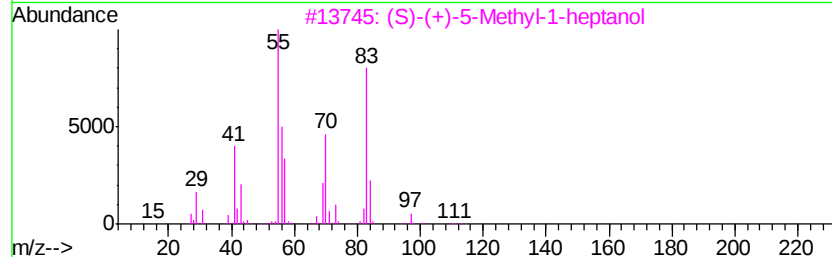
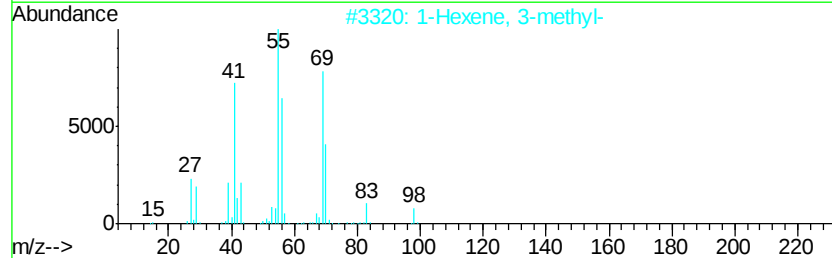
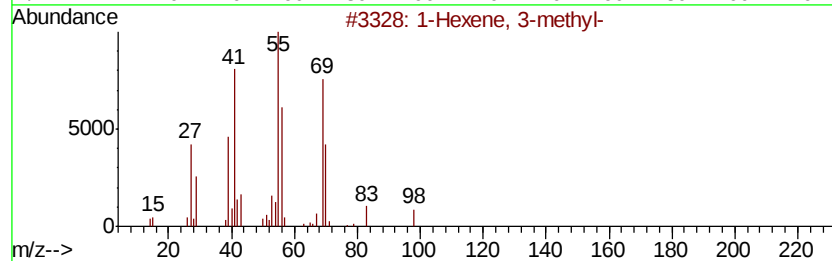
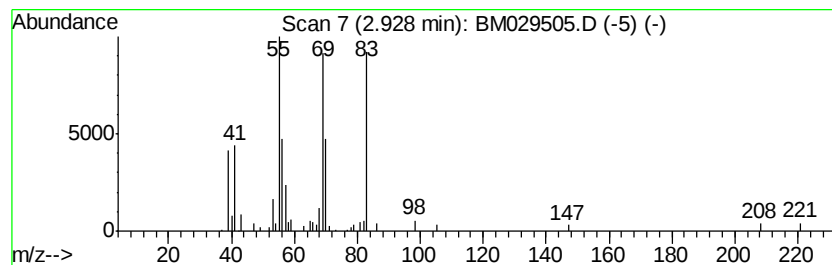
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	2.28 ng/ul	94145	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	52
2		1-Hexene, 3-methyl-	98	C7H14	003404-61-3	46
3		(S)-(+)-5-Methyl-1-heptanol	130	C8H18O	057803-73-3	43
4		Cyclooctane, 1,4-dimethyl-, trans-	140	C10H20	013151-98-9	42
5		5-Undecene, (E)-	154	C11H22	000764-97-6	40



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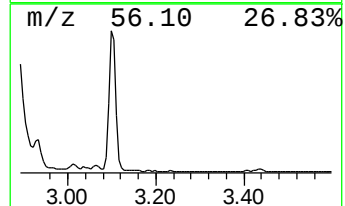
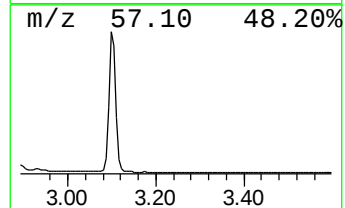
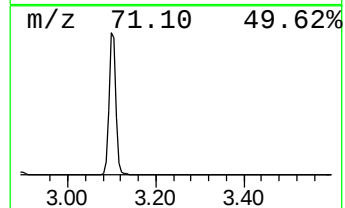
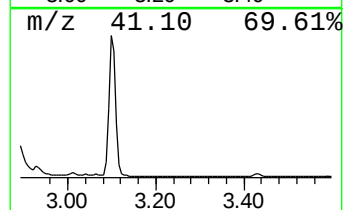
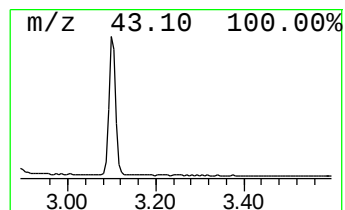
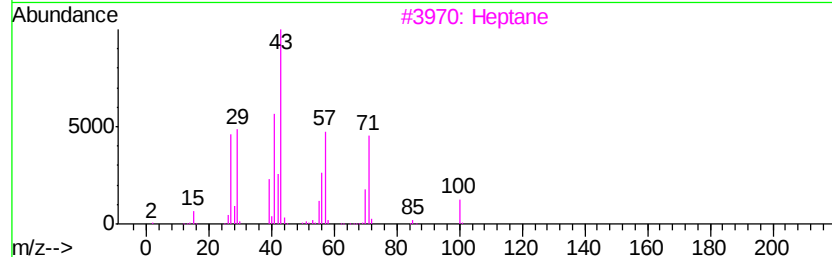
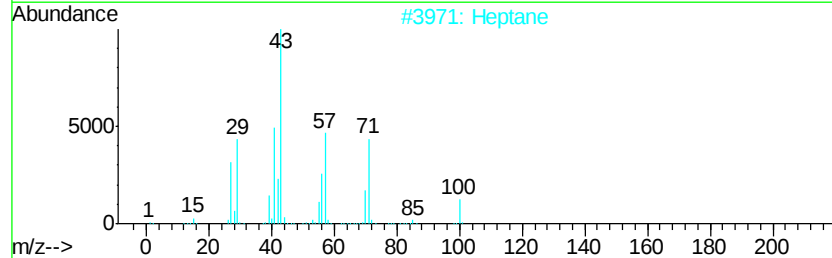
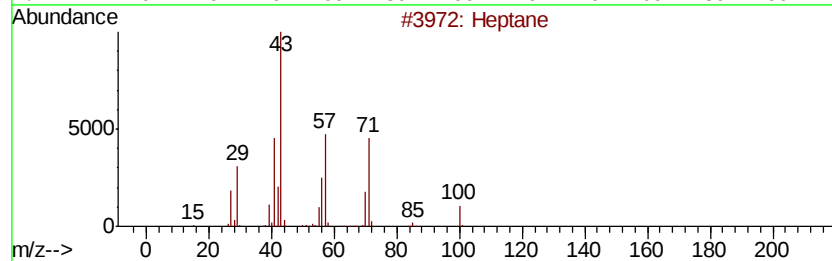
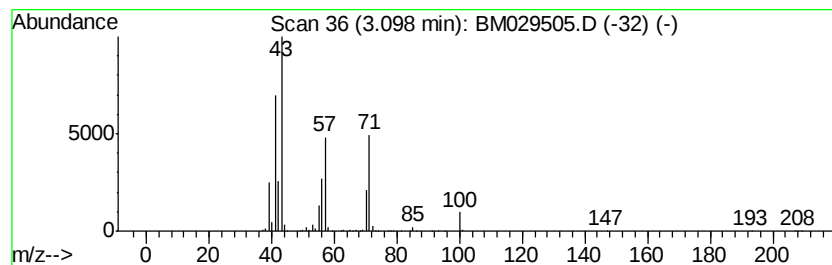
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	24.29 ng/ul	1001310	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	91
2		Heptane	100	C7H16	000142-82-5	87
3		Heptane	100	C7H16	000142-82-5	86
4		Heptane	100	C7H16	000142-82-5	47
5		Hexane, 3-methyl-	100	C7H16	000589-34-4	45



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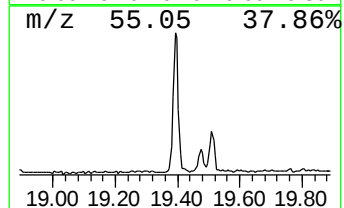
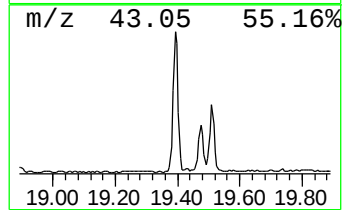
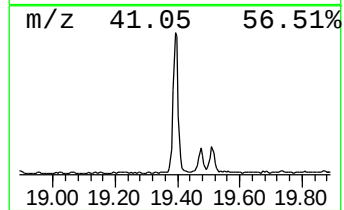
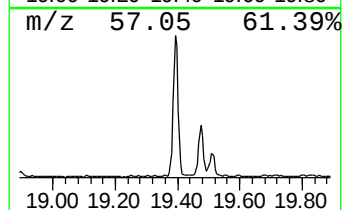
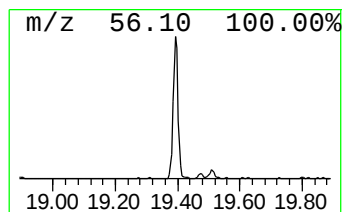
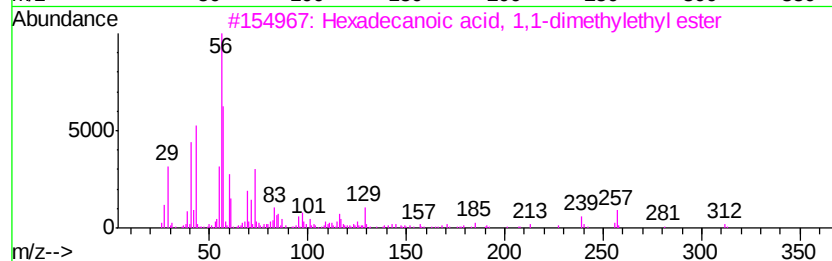
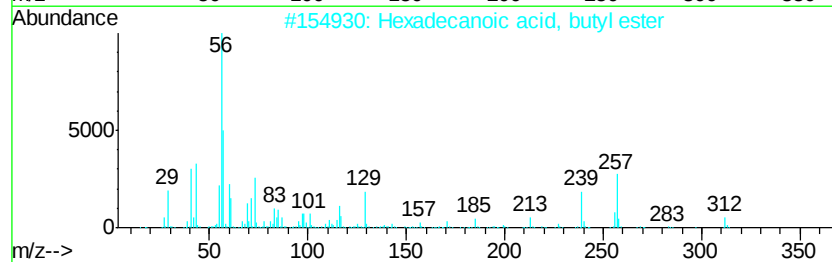
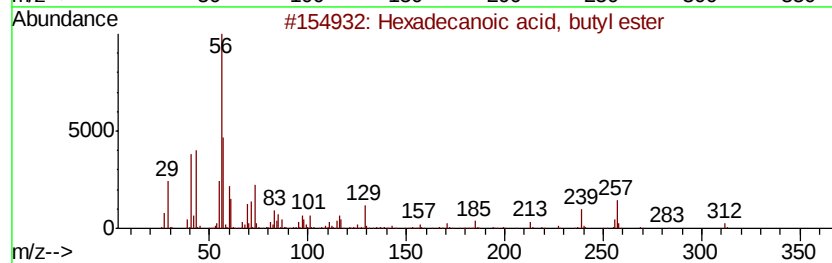
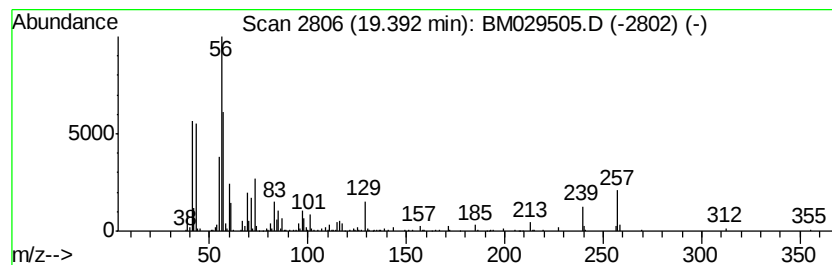
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Peak Number 3 Hexadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	4.55 ng/ul	326689	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	86
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	83
3		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	53
4		Eicosanoic acid	312	C20H40O2	000506-30-9	42
5		Eicosanoic acid	312	C20H40O2	000506-30-9	42



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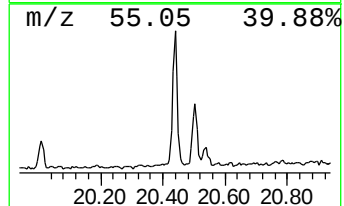
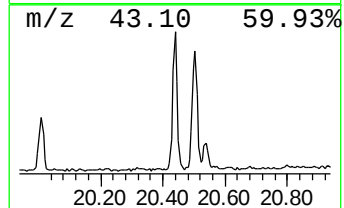
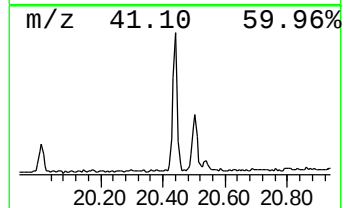
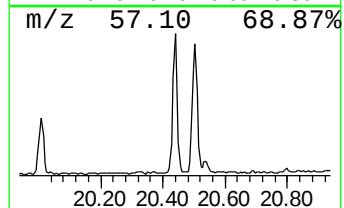
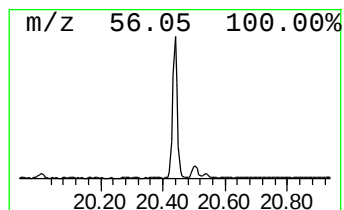
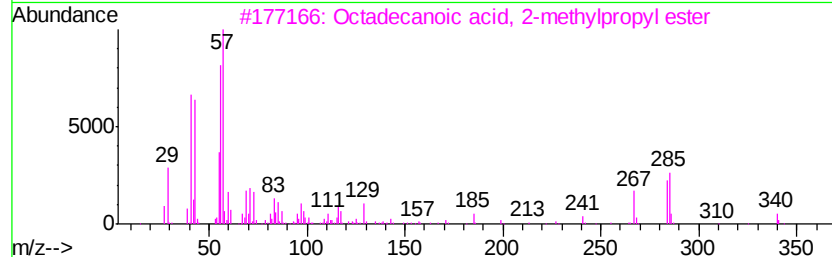
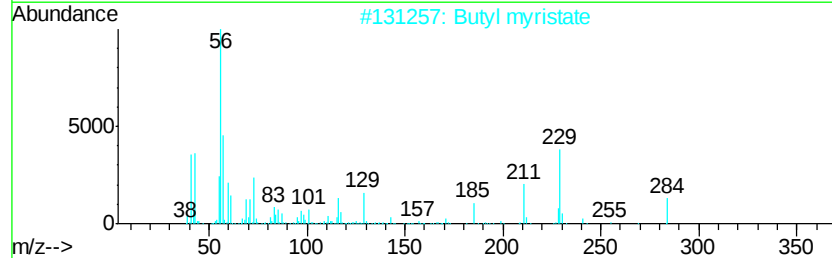
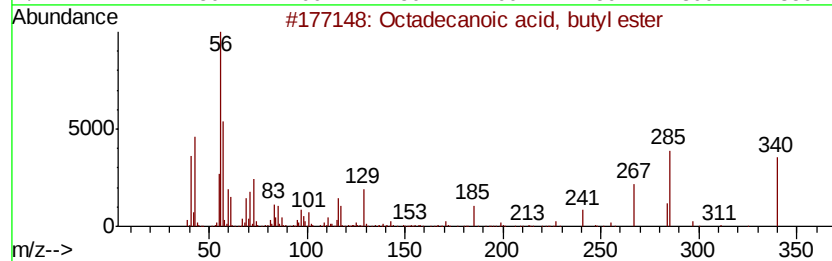
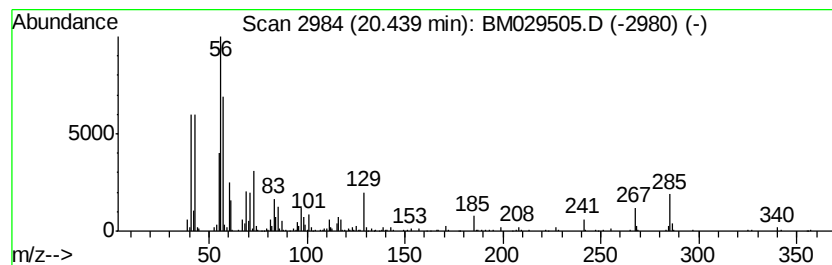
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Octadecanoic acid, butyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	4.01 ng/ul	287724	Chrysene-d12	21.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	81
2		Butyl myristate	284	C18H36O2	000110-36-1	64
3		Octadecanoic acid, 2-methylpropyl...	340	C22H44O2	000646-13-9	45
4		1-Pentadecene, 2-methyl-	224	C16H32	029833-69-0	43
5		Docosanoic acid	340	C22H44O2	000112-85-6	42



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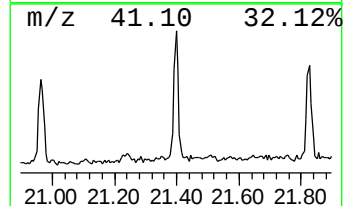
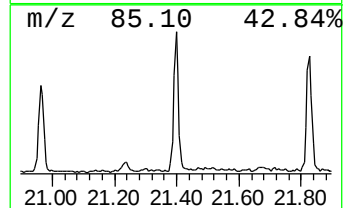
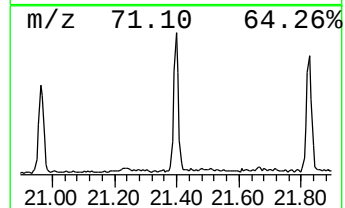
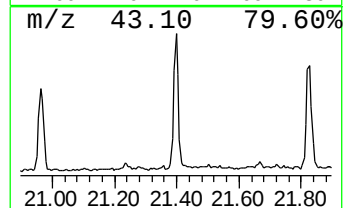
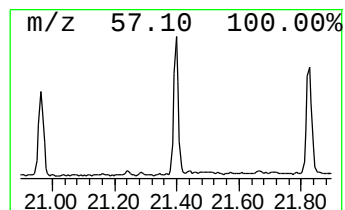
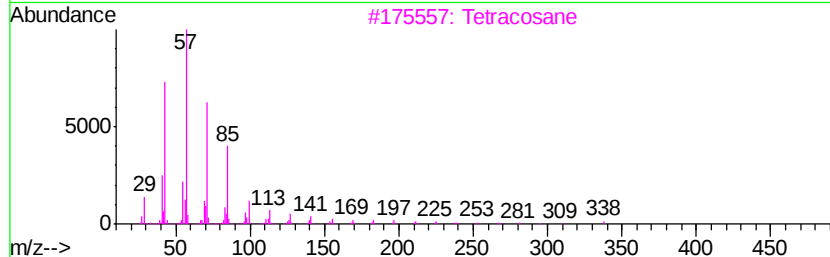
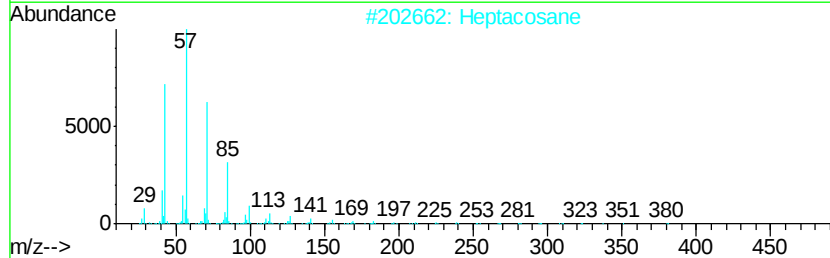
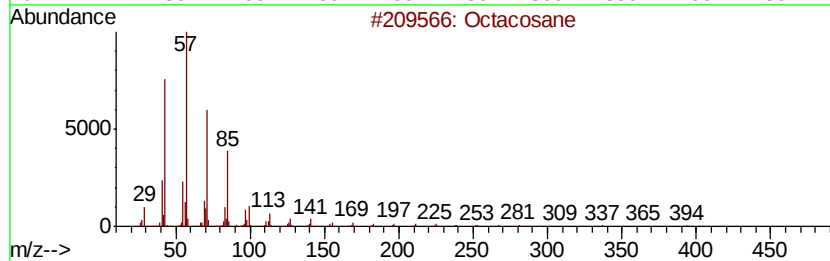
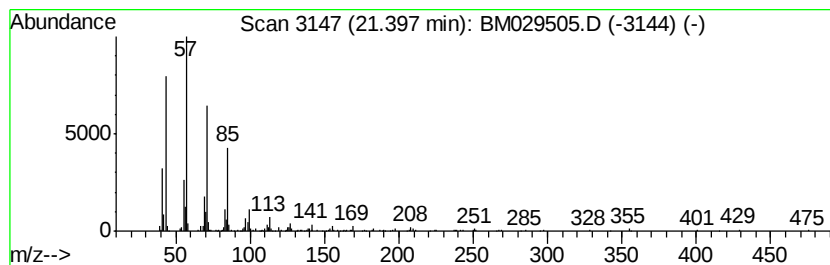
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	2.35 ng/ul	168550	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	87
2		Heptacosane	380	C27H56	000593-49-7	87
3		Tetracosane	338	C24H50	000646-31-1	87
4		Eicosane	282	C20H42	000112-95-8	87
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
Data File : BM029505.D
Acq On : 15 Apr 2021 16:13
Operator : CG/JU
Sample : PB135614BL
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK14

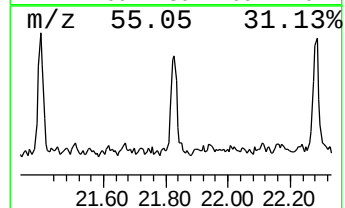
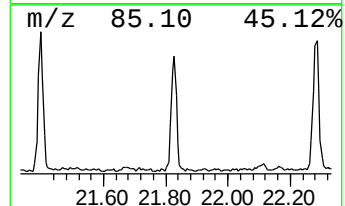
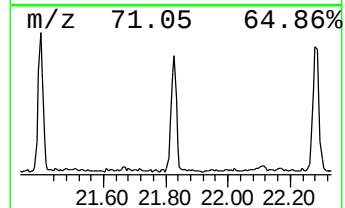
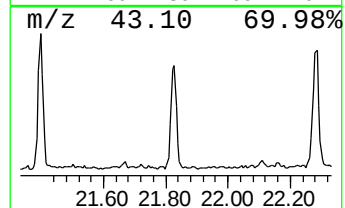
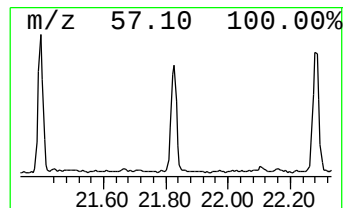
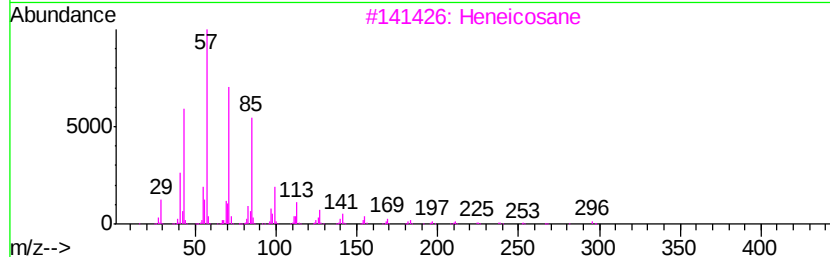
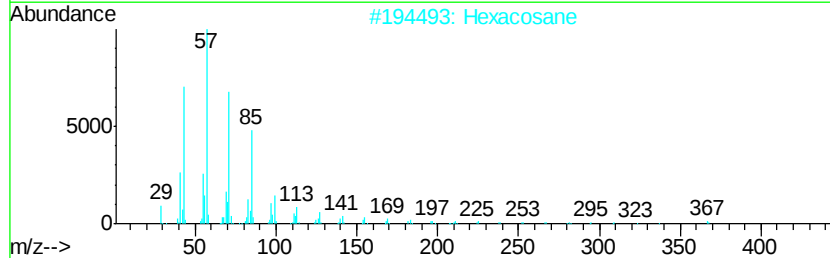
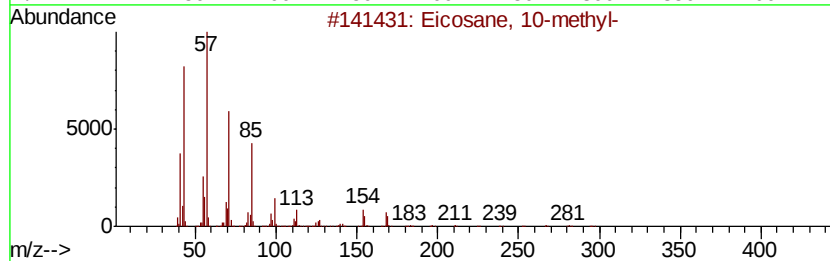
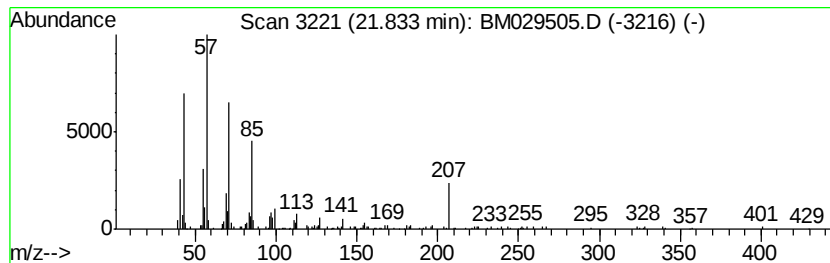
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	2.29 ng/ul	164376	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	89
2		Hexacosane	366	C26H54	000630-01-3	87
3		Heneicosane	296	C21H44	000629-94-7	83
4		Tetracosane	338	C24H50	000646-31-1	83
5		Hexatriacontane	507	C36H74	000630-06-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
Data File : BM029505.D
Acq On : 15 Apr 2021 16:13
Operator : CG/JU
Sample : PB135614BL
Misc :
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Instrument :
BNA_M
ClientSampleId :
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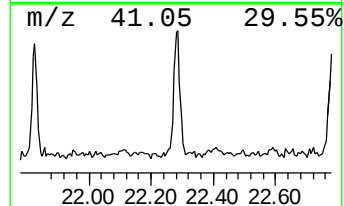
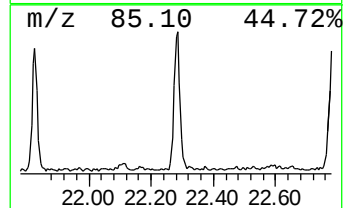
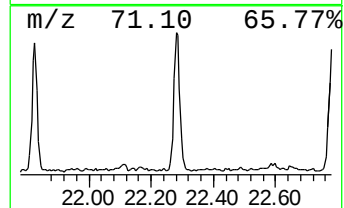
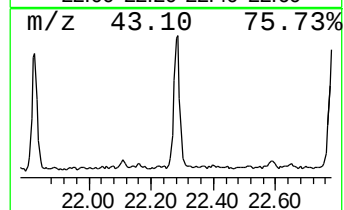
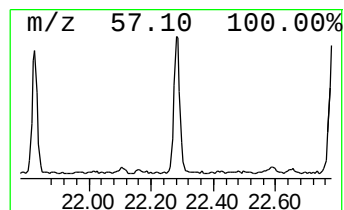
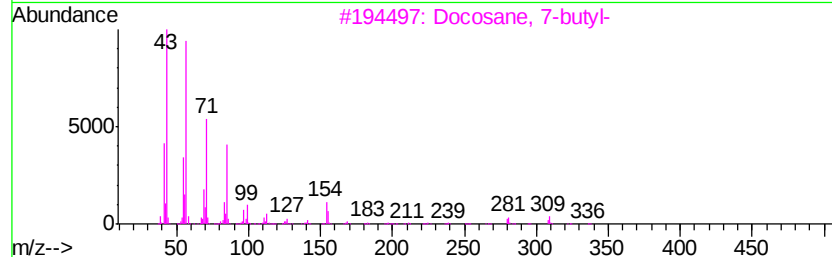
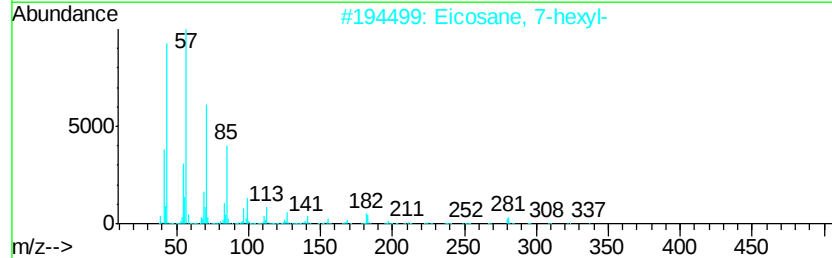
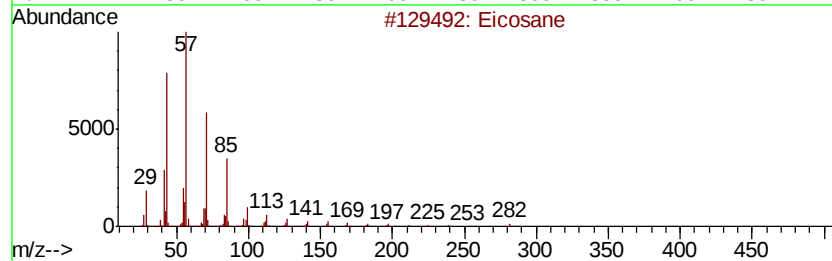
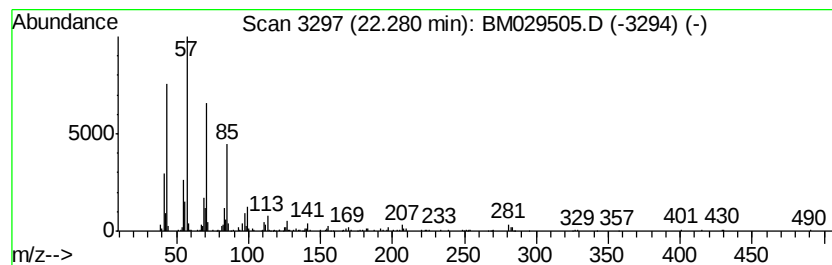
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	2.73 ng/ul	195905	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
3		Docosane, 7-butyl-	366	C26H54	055282-15-0	87
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	87
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
Data File : BM029505.D
Acq On : 15 Apr 2021 16:13
Operator : CG/JU
Sample : PB135614BL
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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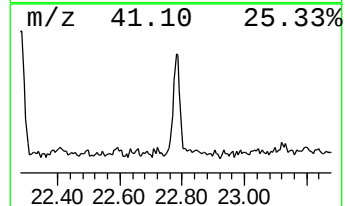
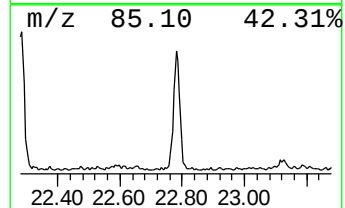
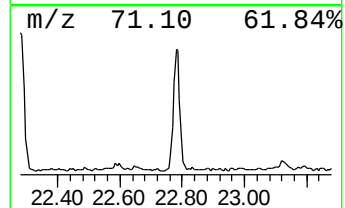
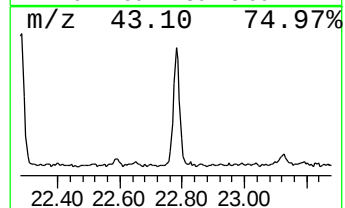
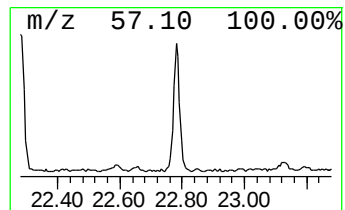
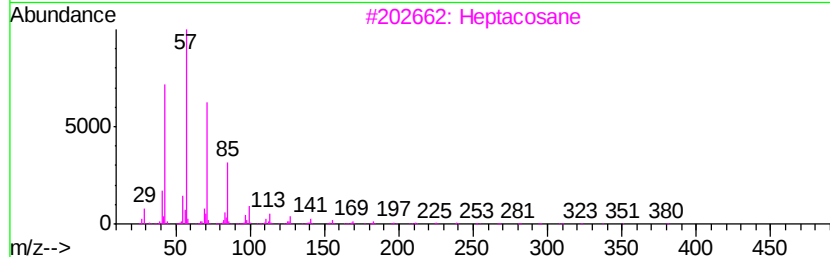
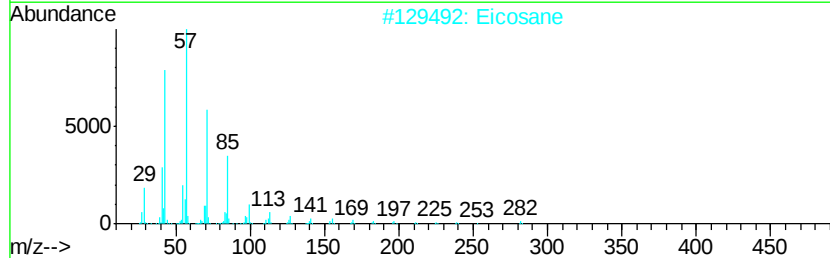
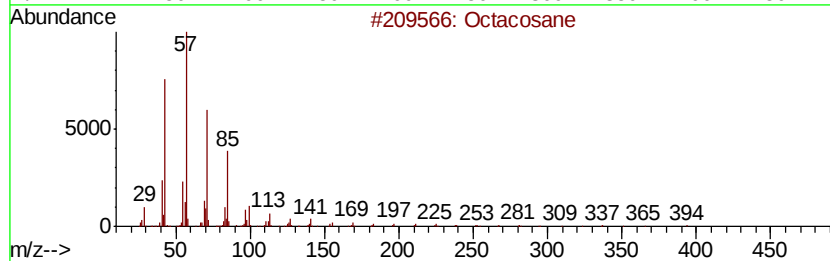
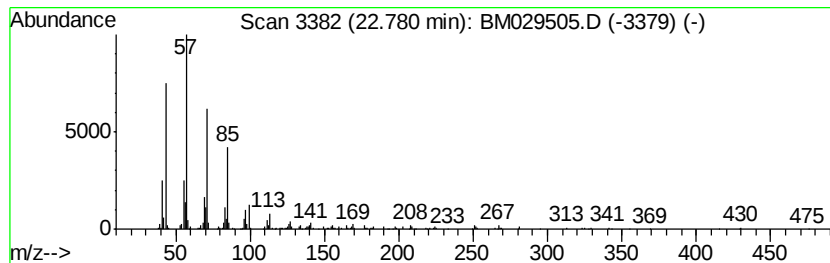
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.78	2.52 ng/ul	167099	Perylene-d12	23.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Eicosane	282	C20H42	000112-95-8	87
3		Heptacosane	380	C27H56	000593-49-7	87
4		Hexacosane	366	C26H54	000630-01-3	87
5		Tetradecane	198	C14H30	000629-59-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
Data File : BM029505.D
Acq On : 15 Apr 2021 16:13
Operator : CG/JU
Sample : PB135614BL
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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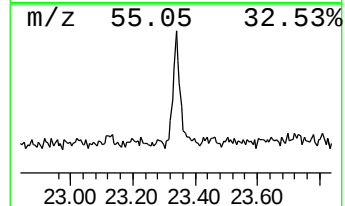
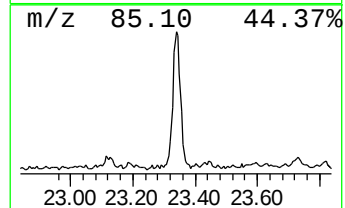
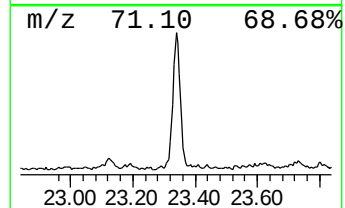
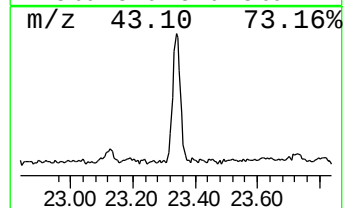
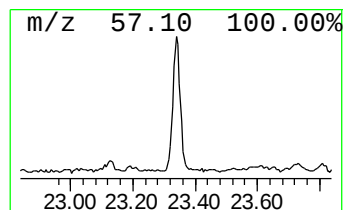
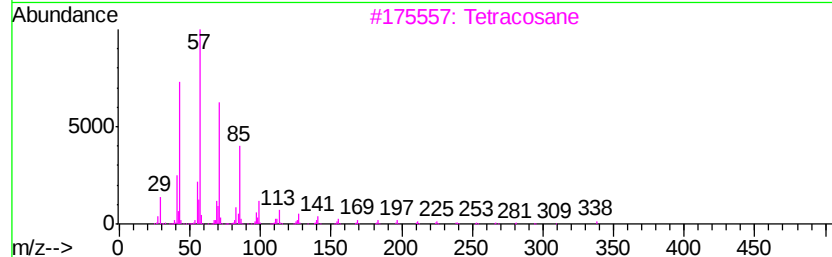
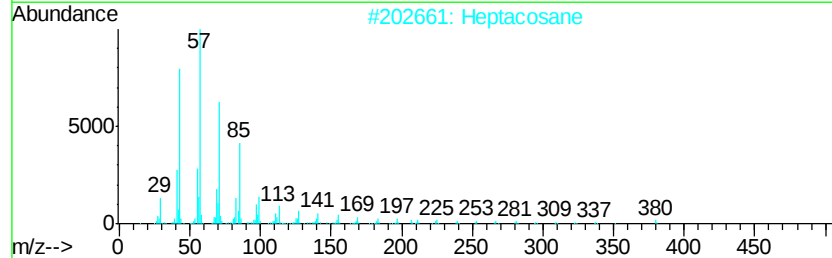
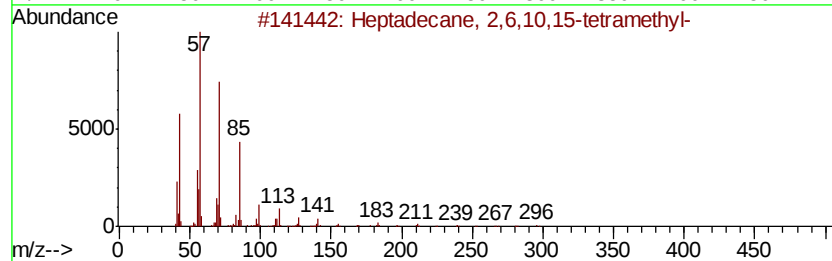
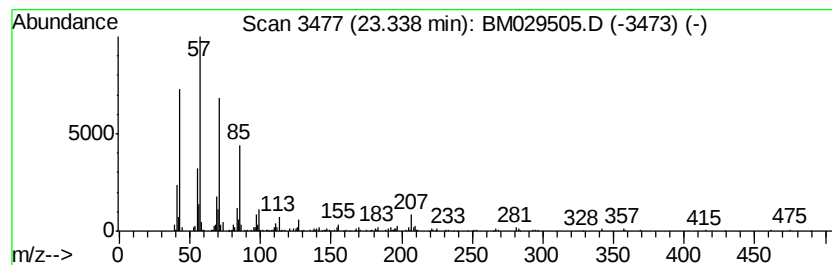
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.34	3.11 ng/ul	206243	Perylene-d12	23.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2		Heptacosane	380	C27H56	000593-49-7	87
3		Tetracosane	338	C24H50	000646-31-1	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041521\
Data File : BM029505.D
Acq On : 15 Apr 2021 16:13
Operator : CG/JU
Sample : PB135614BL
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.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...	3.10	24.3	ng/ul	1001310	1	7.67	824418	20.0
Hexadecanoic acid...	19.39	4.5	ng/ul	326689	5	21.23	1434720	20.0
Octadecanoic acid...	20.44	4.0	ng/ul	287724	5	21.23	1434720	20.0
(DEL) Alkane: Str...	21.40	2.4	ng/ul	168550	5	21.23	1434720	20.0
(DEL) Alkane: Str...	21.83	2.3	ng/ul	164376	5	21.23	1434720	20.0
(DEL) Alkane: Str...	22.28	2.7	ng/ul	195905	5	21.23	1434720	20.0
(DEL) Alkane: Str...	22.78	2.5	ng/ul	167099	6	23.44	1324850	20.0
(DEL) Alkane: Str...	23.34	3.1	ng/ul	206243	6	23.44	1324850	20.0