

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072120\
 Data File : BM026822.D
 Acq On : 21 Jul 2020 23:46
 Operator : JU/CG
 Sample : L3336-20
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FB(071620)

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-BM063020MA.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	2.902	25	28	34	rBV	31411	42064	1.34%	0.148%
2	3.166	69	73	76	rVB4	4311	6653	0.21%	0.023%
3	3.507	126	131	135	rVB4	7222	11025	0.35%	0.039%
4	3.590	142	145	149	rBV2	5581	7152	0.23%	0.025%
5	6.519	637	643	657	rVB	93270	168643	5.37%	0.594%
6	6.660	661	667	680	rBV	333386	500675	15.93%	1.765%
7	6.842	692	698	708	rBV	366322	573514	18.25%	2.021%
8	6.937	712	714	720	rVB6	2901	4199	0.13%	0.015%
9	7.301	769	776	784	rBV	328347	516265	16.43%	1.820%
10	7.395	788	792	798	rVB5	3739	4958	0.16%	0.017%
11	8.031	894	900	914	rBV	290703	465853	14.83%	1.642%
12	8.137	914	918	925	rVB4	11158	17562	0.56%	0.062%
13	8.448	963	971	982	rBV	472388	750005	23.87%	2.644%
14	9.160	1086	1092	1105	rBV	411584	655531	20.86%	2.311%
15	9.701	1177	1184	1209	rBV	424002	859854	27.37%	3.031%
16	10.054	1233	1244	1252	rBV	467365	755491	24.04%	2.663%
17	10.236	1268	1275	1288	rBV2	23633	60173	1.92%	0.212%
18	10.654	1339	1346	1348	rBV4	2655	4681	0.15%	0.016%
19	10.707	1351	1355	1359	rBV4	2544	4449	0.14%	0.016%
20	11.672	1515	1519	1526	rBV2	5597	9640	0.31%	0.034%
21	12.530	1660	1665	1669	rBV6	3578	4528	0.14%	0.016%
22	12.883	1718	1725	1730	rVB2	7105	10909	0.35%	0.038%
23	13.395	1805	1812	1816	rBV	1164992	1507162	47.97%	5.312%
24	13.442	1816	1820	1827	rVB	202993	285683	9.09%	1.007%
25	13.648	1848	1855	1866	rBV	1221324	1654186	52.65%	5.831%
26	13.960	1902	1908	1918	rBV	717392	1045101	33.26%	3.684%
27	14.254	1953	1958	1982	rBV3	30016	117621	3.74%	0.415%
28	14.454	1988	1992	1997	rVB3	2840	4602	0.15%	0.016%
29	14.748	2034	2042	2048	rBV	55806	78792	2.51%	0.278%
30	14.824	2053	2055	2058	rVV2	3046	3650	0.12%	0.013%
31	14.865	2058	2062	2066	rVB4	2845	3830	0.12%	0.013%
32	14.971	2073	2080	2091	rBV	1561615	2141550	68.16%	7.548%
33	15.124	2100	2106	2117	rBV	600332	859198	27.34%	3.028%
34	15.213	2117	2121	2127	rVB2	18112	28437	0.91%	0.100%

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35	15.736	2205	2210	2211	rVV2	3755	4854	0.15%	0.017%
36	15.760	2211	2214	2219	rVB6	6420	9823	0.31%	0.035%
37	15.907	2233	2239	2242	rBV5	2843	5818	0.19%	0.021%
38	16.083	2266	2269	2274	rVB5	1573	3444	0.11%	0.012%
39	16.524	2338	2344	2347	rBV7	5107	8744	0.28%	0.031%
40	16.583	2350	2354	2359	rVB6	3300	5780	0.18%	0.020%
41	16.724	2371	2378	2388	rBV	958532	1285518	40.91%	4.531%
42	16.824	2388	2395	2408	rBV	1899047	2617607	83.31%	9.226%
43	16.995	2421	2424	2430	rVB5	4155	6685	0.21%	0.024%
44	17.259	2466	2469	2474	rBV7	2321	3573	0.11%	0.013%
45	17.665	2533	2538	2546	rBV	176246	251380	8.00%	0.886%
46	17.959	2585	2588	2592	rVB6	4298	5373	0.17%	0.019%
47	18.348	2650	2654	2656	rBV5	3458	4427	0.14%	0.016%
48	18.418	2663	2666	2669	rBV4	2671	3569	0.11%	0.013%
49	18.465	2672	2674	2679	rVV5	2532	4277	0.14%	0.015%
50	18.771	2721	2726	2731	rBV	22794	33185	1.06%	0.117%
51	18.959	2755	2758	2764	rBV	56104	79263	2.52%	0.279%
52	19.018	2765	2768	2774	rVB	22051	27834	0.89%	0.098%
53	19.136	2781	2788	2796	rBV	2404714	3142129	100.00%	11.075%
54	19.700	2882	2884	2887	rBV3	5826	5453	0.17%	0.019%
55	20.695	3048	3053	3062	rBV	344012	514565	16.38%	1.814%
56	20.942	3090	3095	3106	rBV	1153481	1532533	48.77%	5.402%
57	21.136	3125	3128	3132	rBV	73440	79137	2.52%	0.279%
58	21.553	3195	3199	3206	rBV	135701	174724	5.56%	0.616%
59	21.977	3267	3271	3276	rBV	220407	251919	8.02%	0.888%
60	22.430	3344	3348	3353	rBV	231184	316349	10.07%	1.115%
61	22.877	3418	3424	3430	rBV	1597110	2531055	80.55%	8.921%
62	22.936	3430	3434	3440	rVV	253505	376288	11.98%	1.326%
63	23.006	3440	3446	3455	rVB	815050	1345655	42.83%	4.743%
64	23.506	3527	3531	3536	rVB	188657	295855	9.42%	1.043%
65	24.159	3637	3642	3650	rVB	142198	280656	8.93%	0.989%

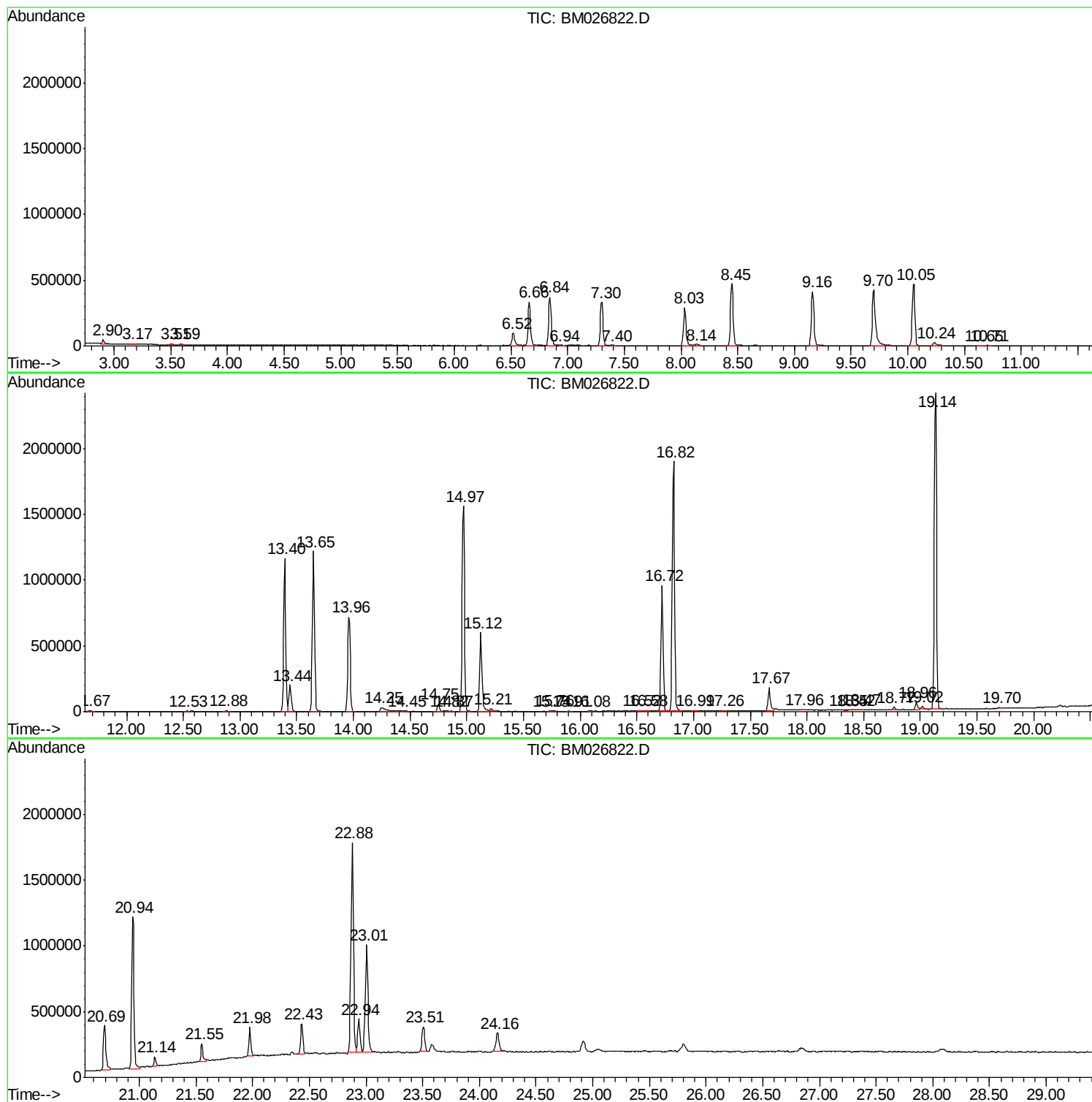
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION

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



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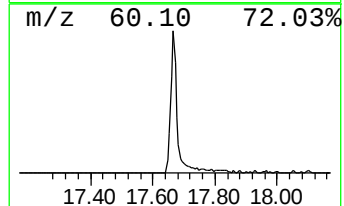
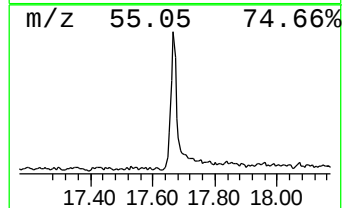
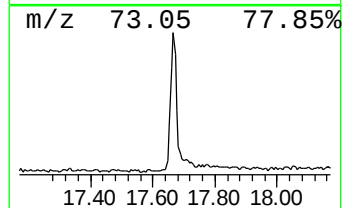
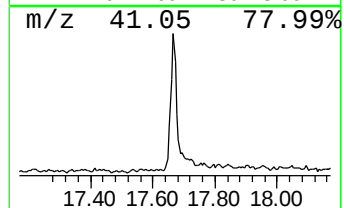
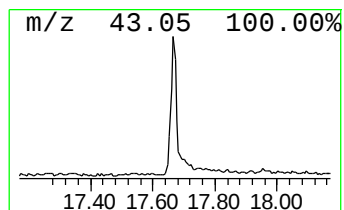
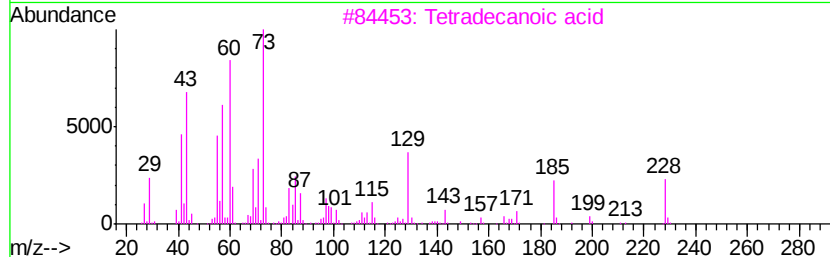
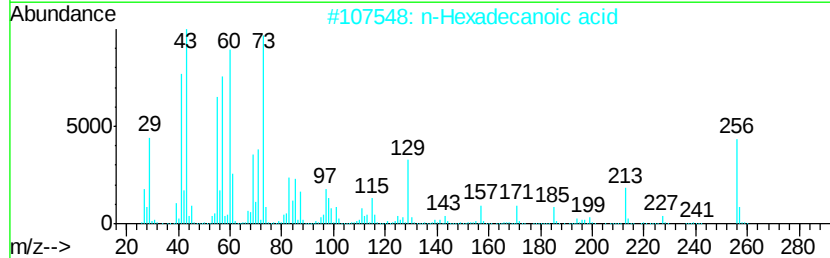
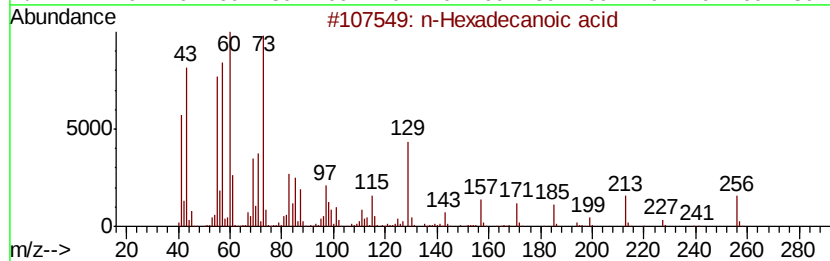
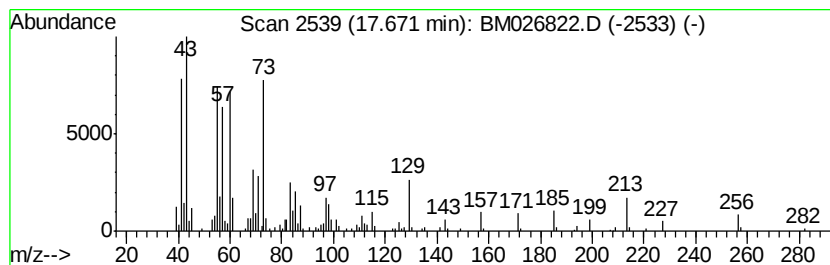
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.67	3.91 ng/ul	251380	Phenanthrene-d10		16.72		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4			Tridecanoic acid	214	C13H26O2	000638-53-9	91
5			Tridecanoic acid	214	C13H26O2	000638-53-9	81



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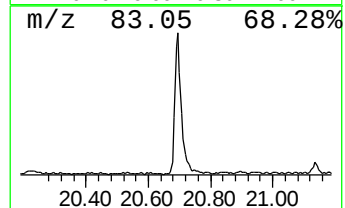
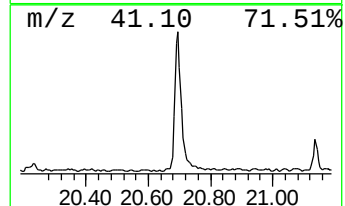
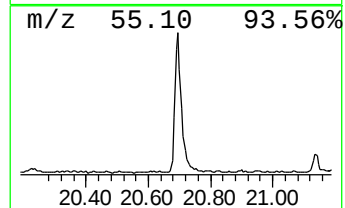
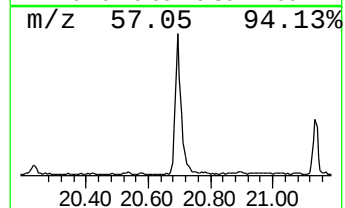
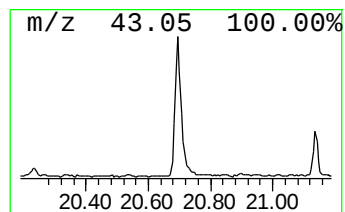
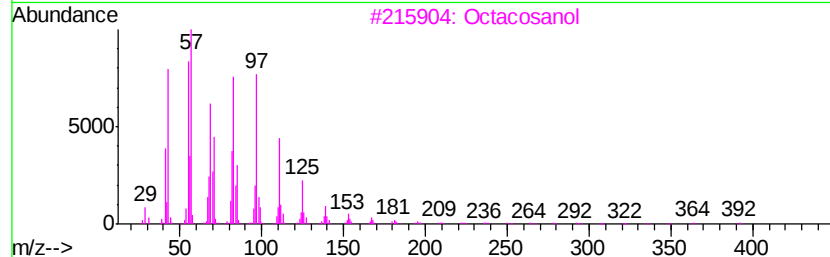
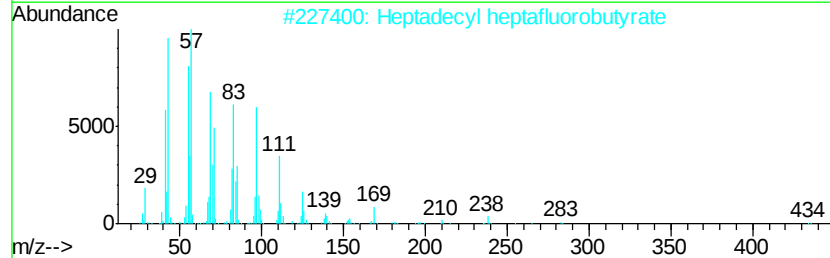
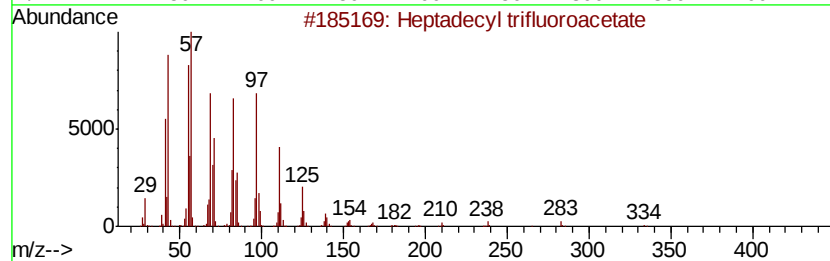
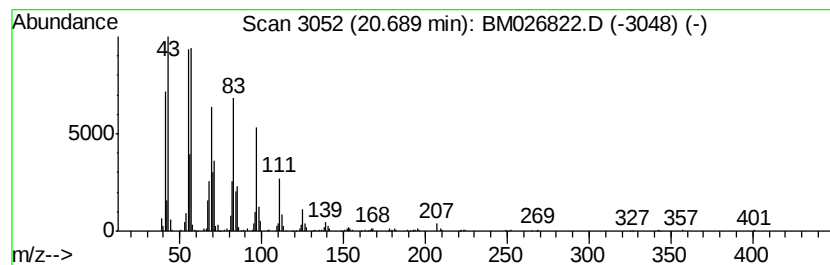
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Heptadecyl trifluoroacetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	6.72 ng/ul	514565	Chrysene-d12	20.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3		Octacosanol	410	C28H58O	000557-61-9	91
4		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
5		1-Octadecanol	270	C18H38O	000112-92-5	91



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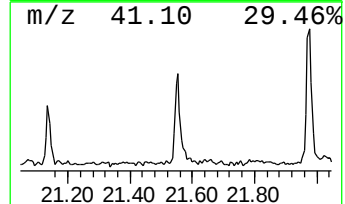
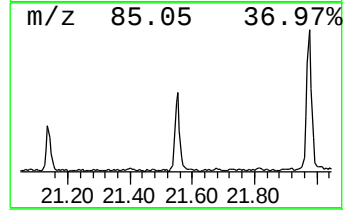
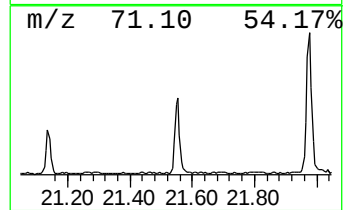
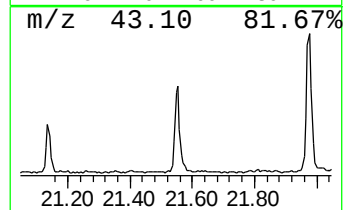
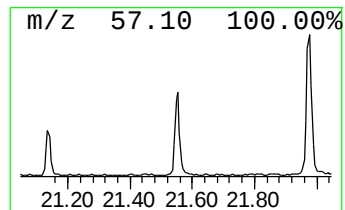
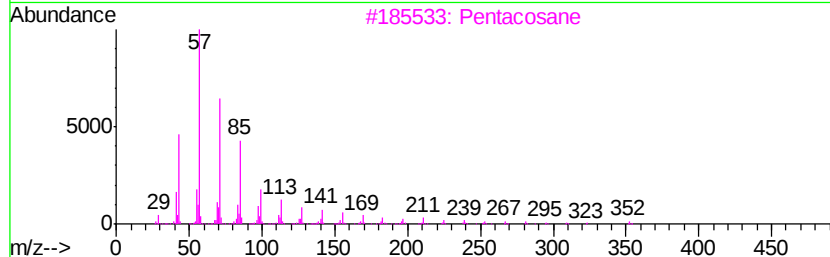
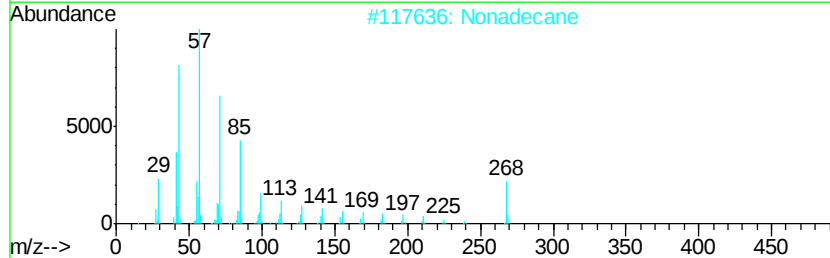
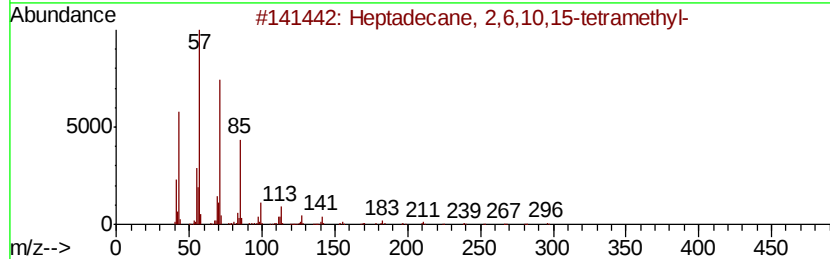
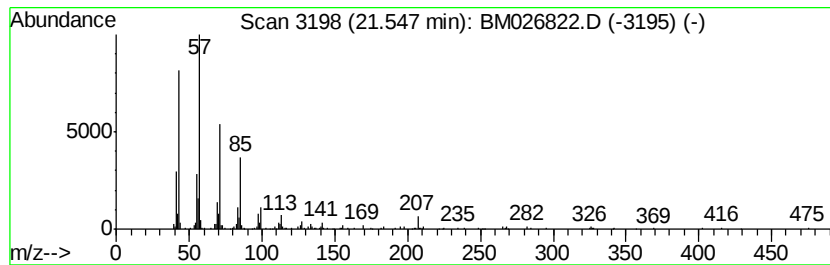
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.55	2.28 ng/ul	174724	Chrysene-d12	20.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	96
2		Nonadecane	268	C19H40	000629-92-5	94
3		Pentacosane	352	C25H52	000629-99-2	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90



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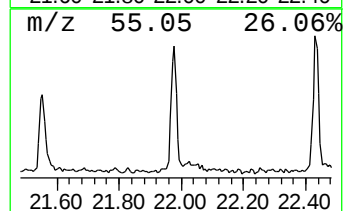
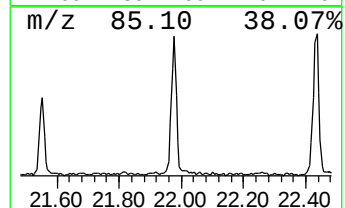
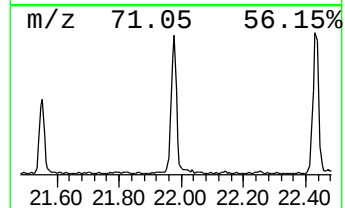
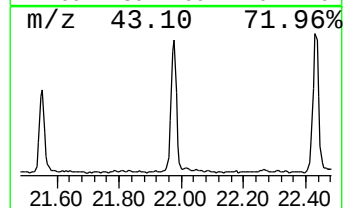
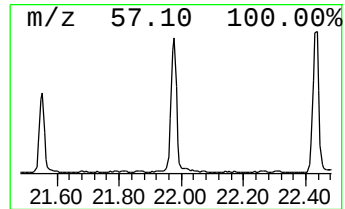
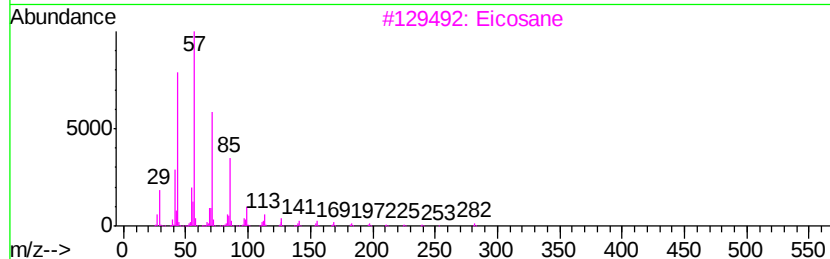
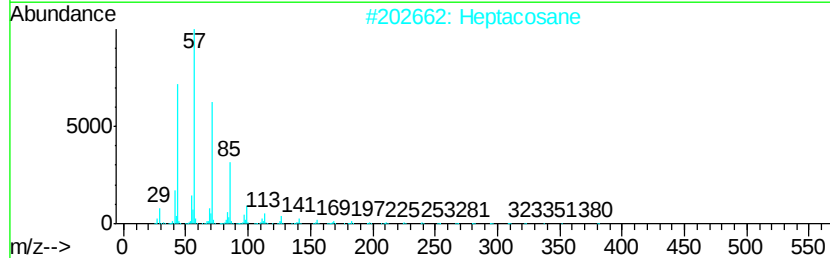
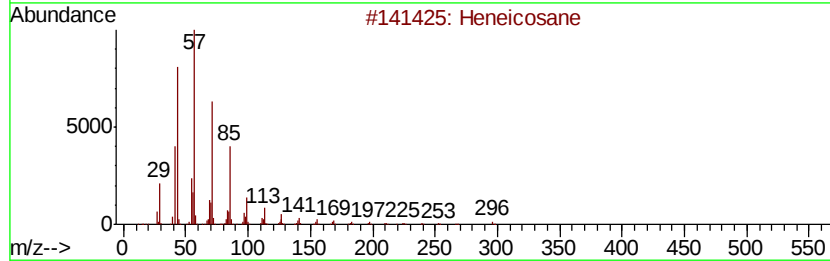
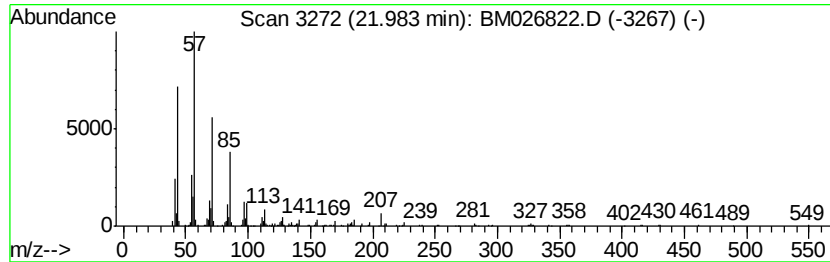
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.98	3.74 ng/ul	251919	Perylene-d12	23.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Heptacosane	380	C27H56	000593-49-7	87
3		Eicosane	282	C20H42	000112-95-8	83
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	83
5		Octacosane	394	C28H58	000630-02-4	83



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FB(071620)

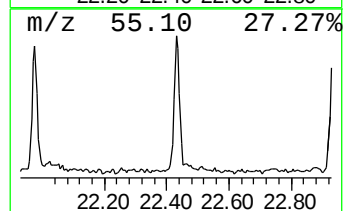
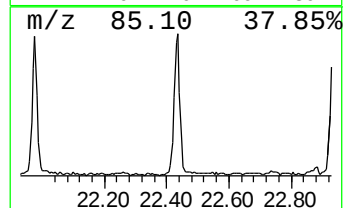
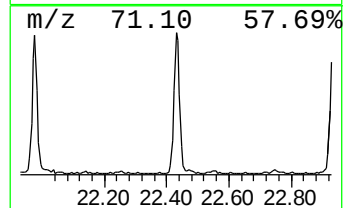
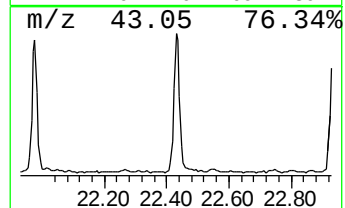
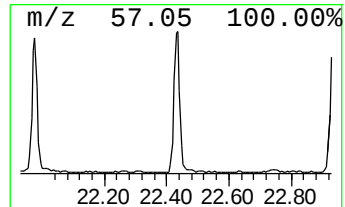
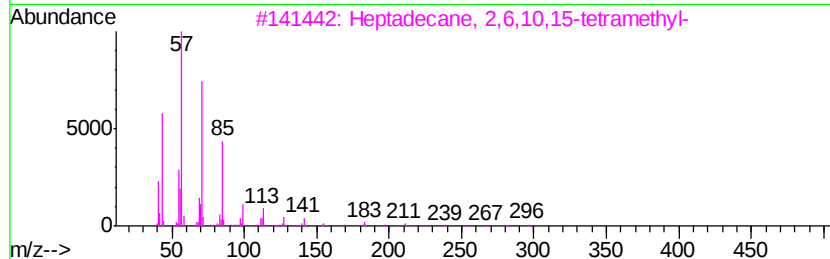
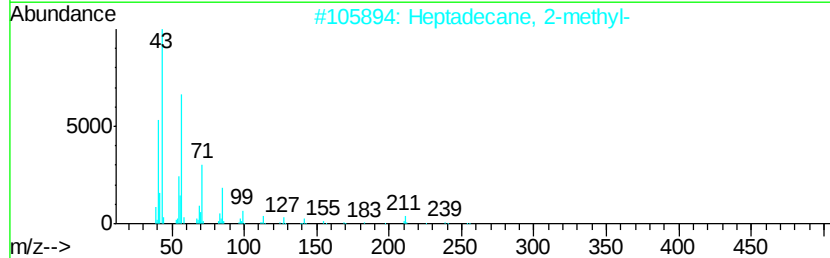
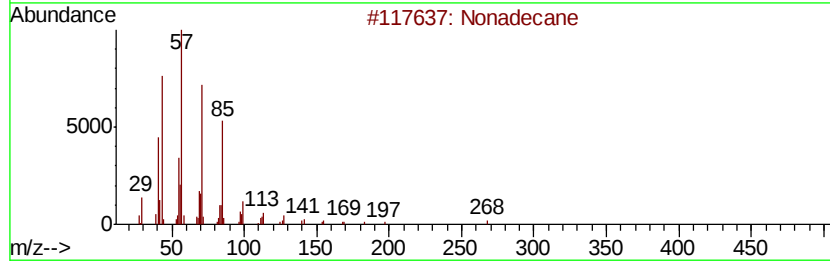
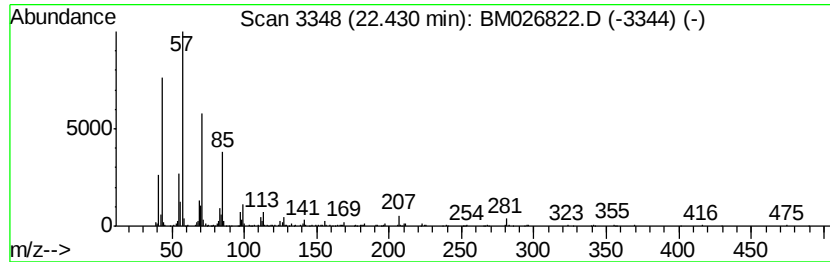
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	4.70 ng/ul	316349	Perylene-d12	23.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	95
2		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	93
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
4		Hexacosane	366	C26H54	000630-01-3	93
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072120\
Data File : BM026822.D
Acq On : 21 Jul 2020 23:46
Operator : JU/CG
Sample : L3336-20
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FB(071620)

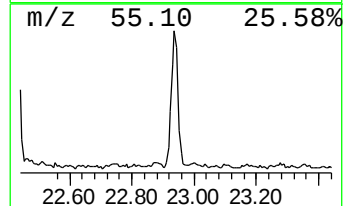
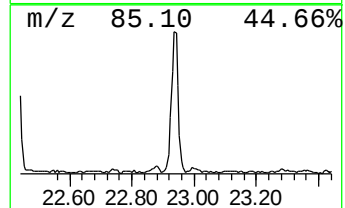
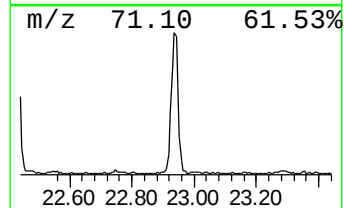
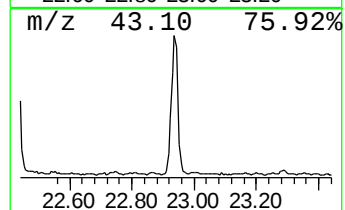
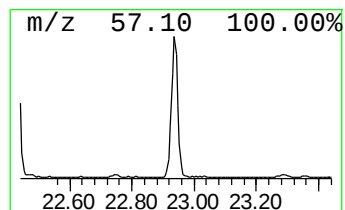
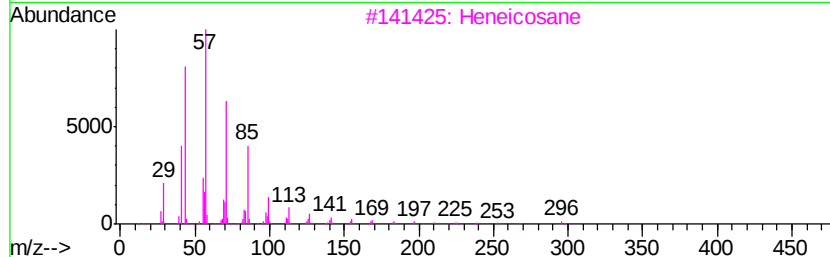
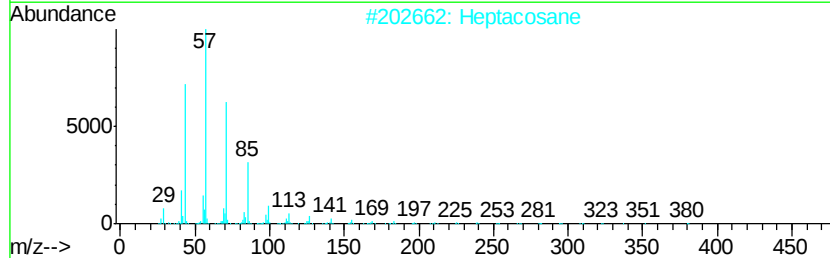
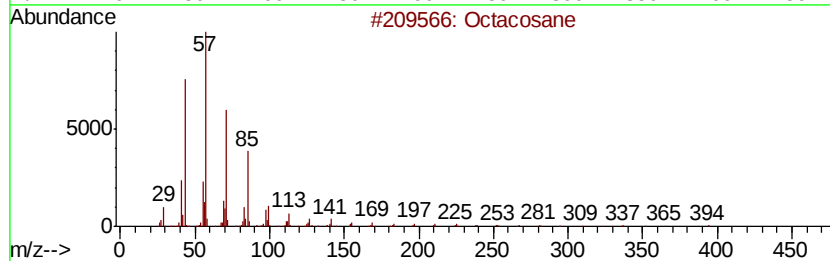
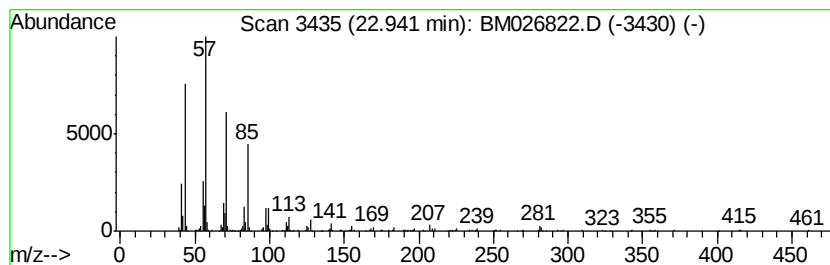
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	5.59 ng/ul	376288	Perylene-d12	23.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	90
2			Heptacosane	380	C27H56	000593-49-7	87
3			Heneicosane	296	C21H44	000629-94-7	87
4			Docosane, 9-butyl-	366	C26H54	055282-14-9	86
5			Tetracosane	338	C24H50	000646-31-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072120\
Data File : BM026822.D
Acq On : 21 Jul 2020 23:46
Operator : JU/CG
Sample : L3336-20
Misc :
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Instrument :
BNA_M
ClientSampleId :
FB(071620)

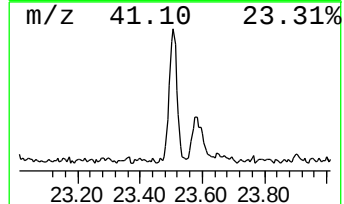
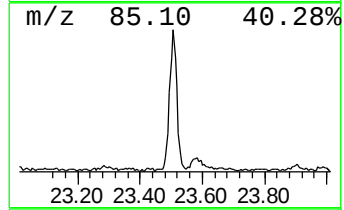
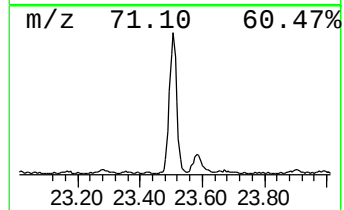
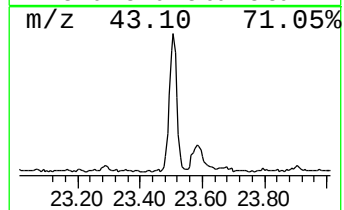
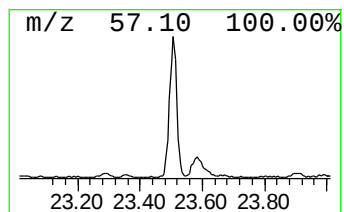
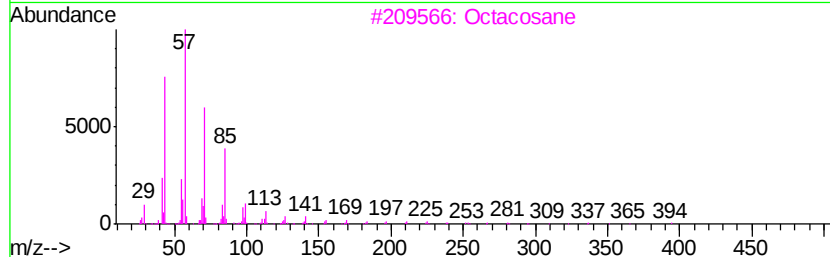
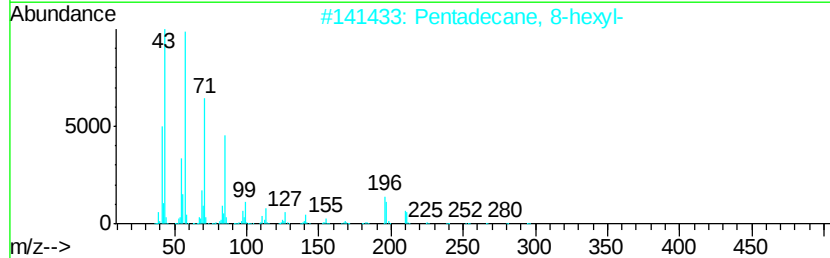
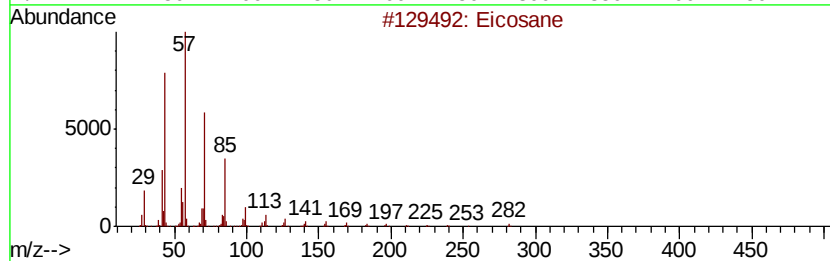
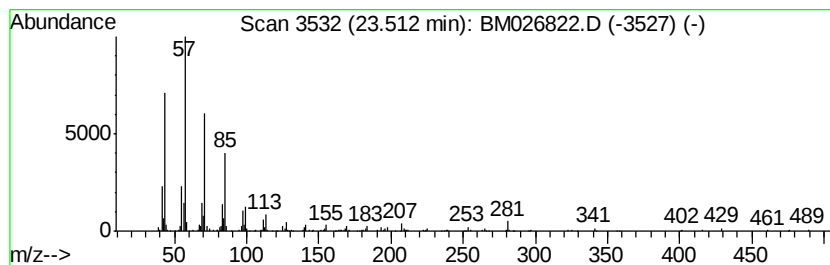
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.51	4.40 ng/ul	295855	Perylene-d12	23.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	96
2			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
3			Octacosane	394	C28H58	000630-02-4	90
4			2-methyloctacosane	408	C29H60	1000376-72-8	87
5			Eicosane	282	C20H42	000112-95-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072120\
Data File : BM026822.D
Acq On : 21 Jul 2020 23:46
Operator : JU/CG
Sample : L3336-20
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FB(071620)

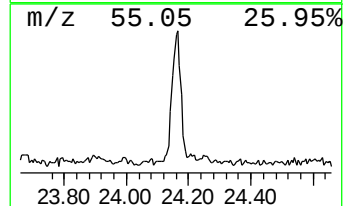
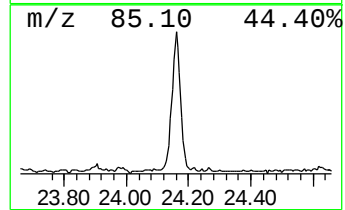
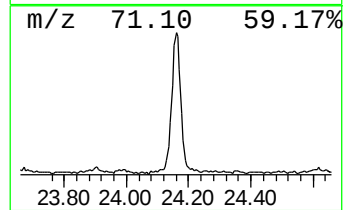
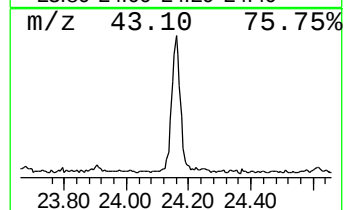
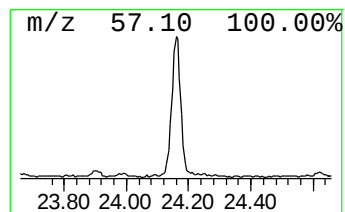
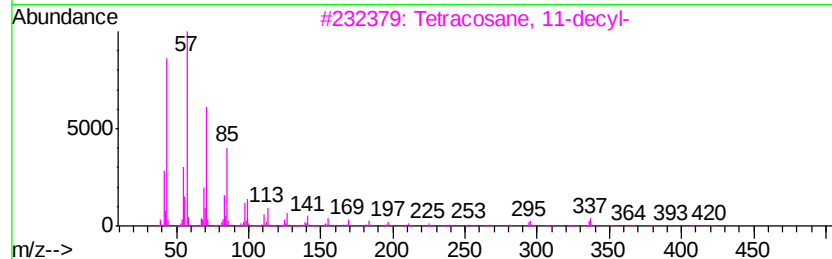
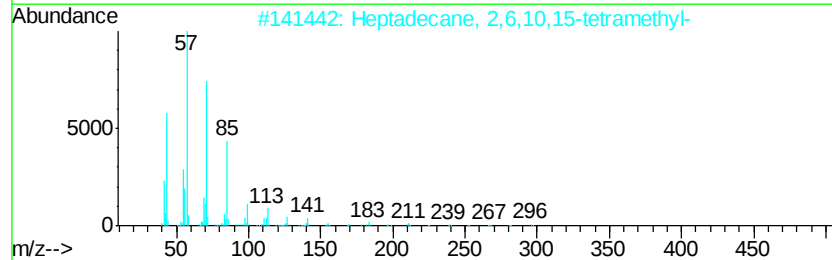
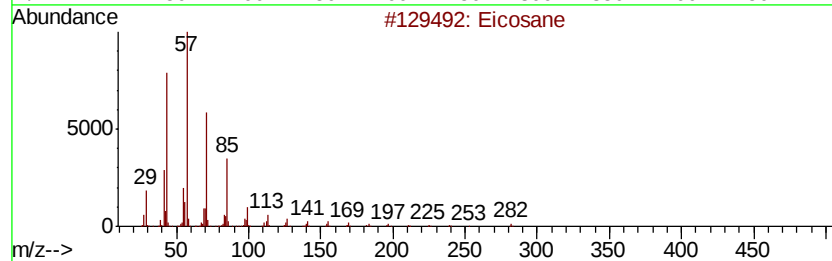
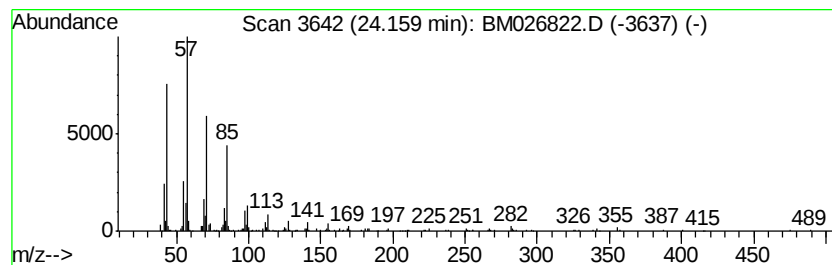
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.16	4.17 ng/ul	280656	Perylene-d12	23.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
4		Pentacosane	352	C25H52	000629-99-2	90
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072120\
 Data File : BM026822.D
 Acq On : 21 Jul 2020 23:46
 Operator : JU/CG
 Sample : L3336-20
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.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	17.67	3.9	ng/ul	251380	4	16.72	1285520	20.0
Heptadecyl triflu...	20.69	6.7	ng/ul	514565	5	20.94	1532530	20.0
(DEL) Alkane: Str...	21.55	2.3	ng/ul	174724	5	20.94	1532530	20.0
(DEL) Alkane: Str...	21.98	3.7	ng/ul	251919	6	23.01	1345660	20.0
(DEL) Alkane: Str...	22.43	4.7	ng/ul	316349	6	23.01	1345660	20.0
(DEL) Alkane: Str...	22.94	5.6	ng/ul	376288	6	23.01	1345660	20.0
(DEL) Alkane: Str...	23.51	4.4	ng/ul	295855	6	23.01	1345660	20.0
(DEL) Alkane: Str...	24.16	4.2	ng/ul	280656	6	23.01	1345660	20.0