

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044495.D
 Acq On : 19 Feb 2020 18:46
 Operator : CG/JU
 Sample : L1558-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0167-COMP-BT-B

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % 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_G\METHODS\8270-BG013020.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.468	399	405	424	rBV	774638	1295165	40.59%	7.245%
2	7.066	668	677	694	rBV	762127	1345010	42.15%	7.523%
3	7.889	810	817	827	rBV	205861	341686	10.71%	1.911%
4	8.212	864	872	881	rBV	642824	1096642	34.37%	6.134%
5	9.046	1006	1014	1026	rBV	440411	823312	25.80%	4.605%
6	10.691	1285	1294	1306	rBV	260856	475930	14.92%	2.662%
7	13.153	1706	1713	1724	rBV	1249836	1939696	60.79%	10.850%
8	13.982	1849	1854	1865	rBV	48233	73478	2.30%	0.411%
9	14.528	1941	1947	1958	rBV2	421680	684811	21.46%	3.830%
10	16.020	2194	2201	2231	rBV	918606	1768850	55.43%	9.894%
11	17.278	2409	2415	2426	rBV	564900	905085	28.36%	5.063%
12	19.892	2854	2860	2871	rVB	2384376	3190886	100.00%	17.848%
13	20.703	2995	2998	3001	rVB	47556	52384	1.64%	0.293%
14	21.191	3076	3081	3089	rBV2	216155	366996	11.50%	2.053%
15	21.255	3090	3092	3098	rVB	39112	57192	1.79%	0.320%
16	21.520	3131	3137	3149	rVB2	635204	1026912	32.18%	5.744%
17	21.720	3167	3171	3177	rVB	110251	156178	4.89%	0.874%
18	22.307	3266	3271	3281	rVB	138850	229589	7.20%	1.284%
19	22.971	3378	3384	3395	rVB	157965	294219	9.22%	1.646%
20	23.153	3410	3415	3426	rVB2	74419	144697	4.53%	0.809%
21	23.741	3509	3515	3525	rVB	137386	296759	9.30%	1.660%
22	24.598	3652	3661	3676	rBV3	386536	1312395	41.13%	7.341%

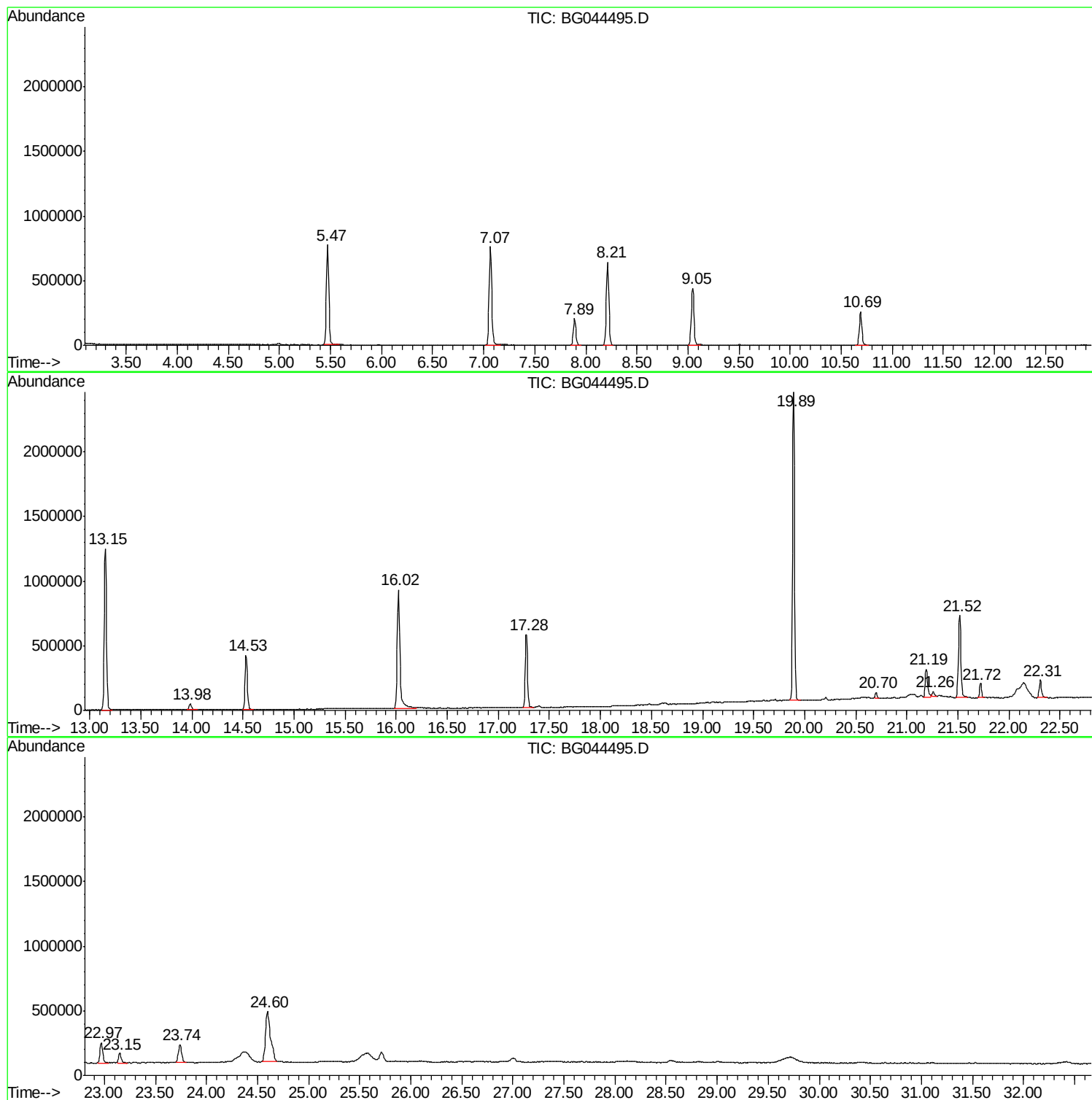
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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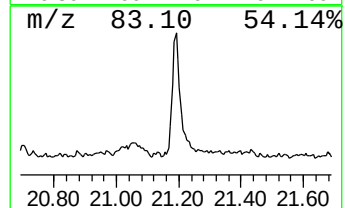
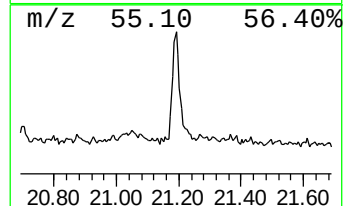
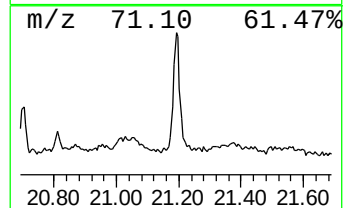
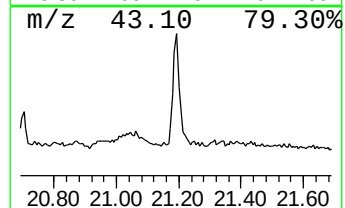
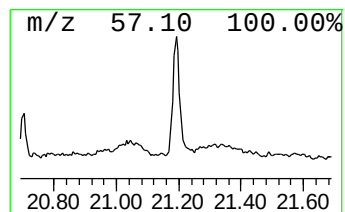
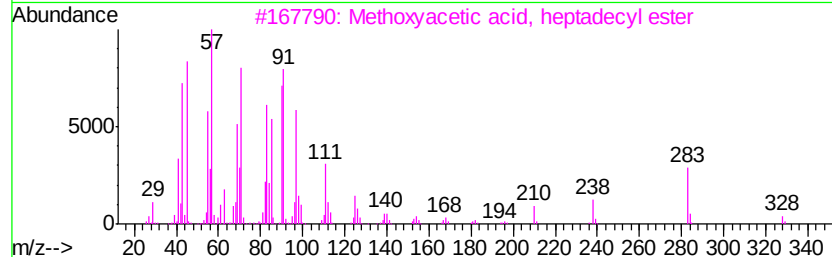
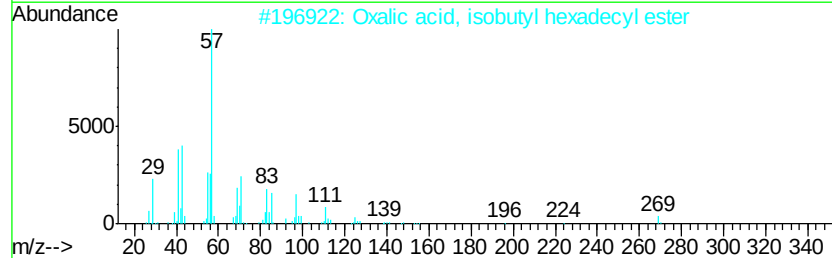
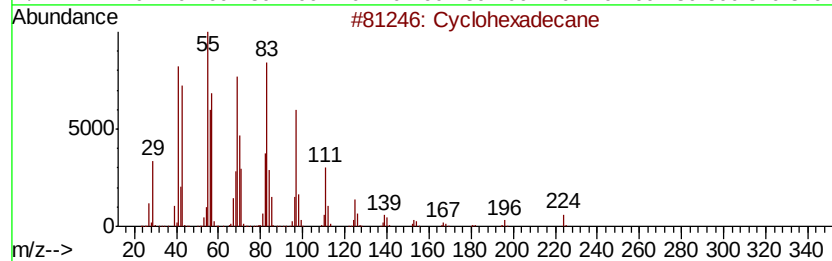
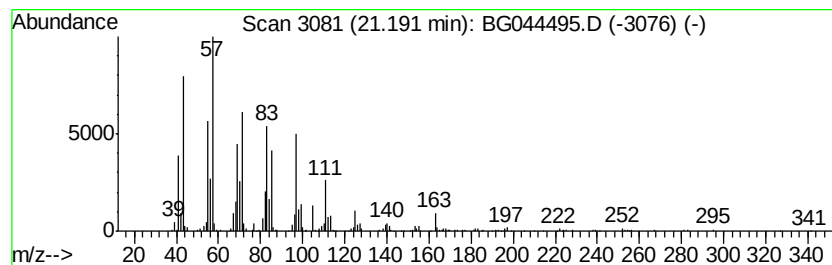
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ClientSampleId :
0167-COMP-BT-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Cyclohexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.19	7.15 ng	366996	Chrysene-d12	21.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexadecane	224 C16H32	000295-65-8 95
2		Oxalic acid, isobutyl hexadecyl ...	370 C22H42O4	1000309-38-1 91
3		Methoxvacetic acid, heptadecyl e...	328 C20H40O3	1000282-99-1 87
4		1-Dodecanol, 2-octyl-	298 C20H42O	005333-42-6 87
5		Tetracosyl heptafluorobutyrate	550 C28H49F7O2	1000351-83-7 87



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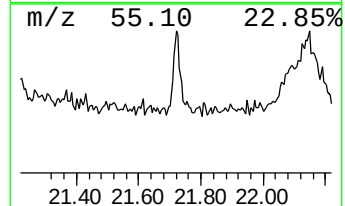
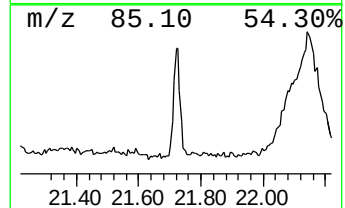
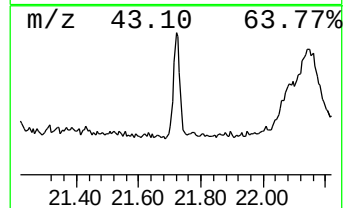
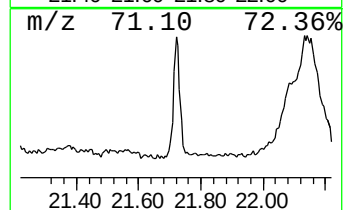
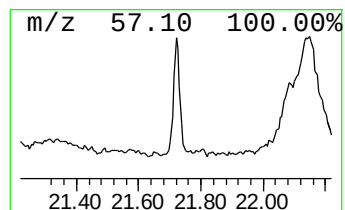
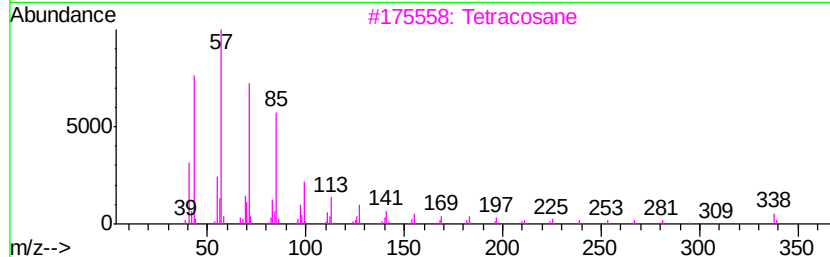
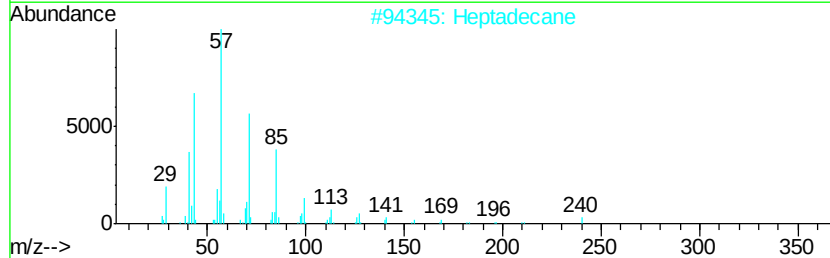
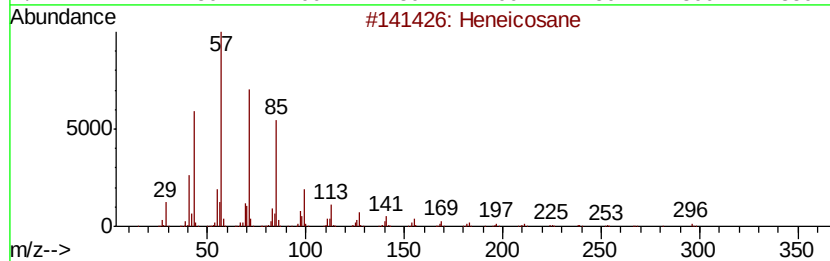
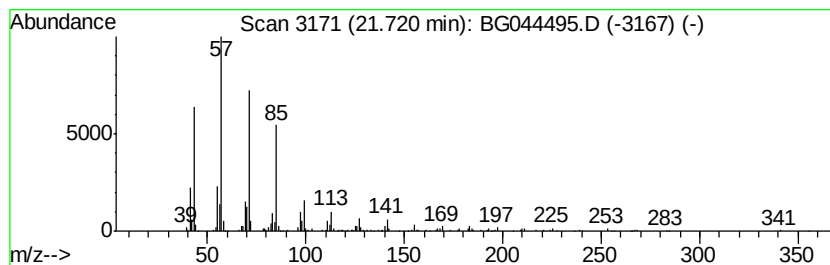
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.72	3.04 ng	156178	Chrysene-d12	21.52

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Heptadecane		240	C17H36	000629-78-7	91
3	Tetracosane		338	C24H50	000646-31-1	91
4	Octadecane, 2-methyl-		268	C19H40	001560-88-9	90
5	Pentadecane, 8-hexyl-		296	C21H44	013475-75-7	90



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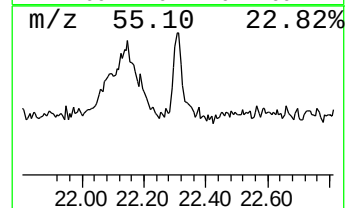
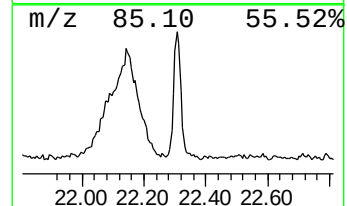
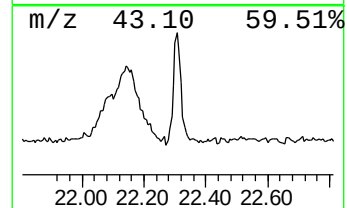
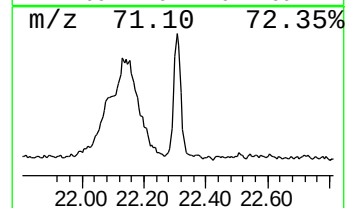
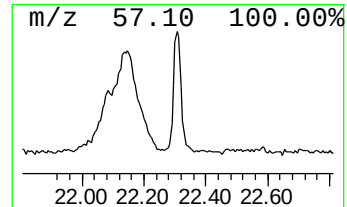
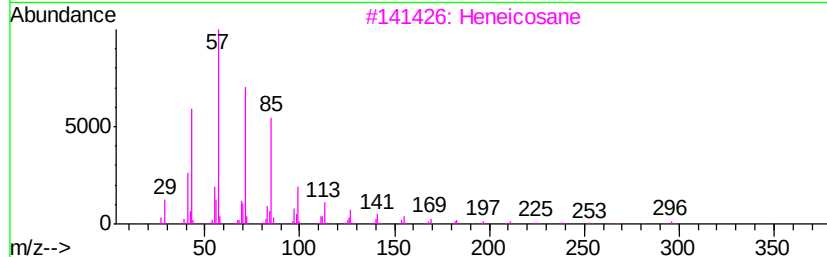
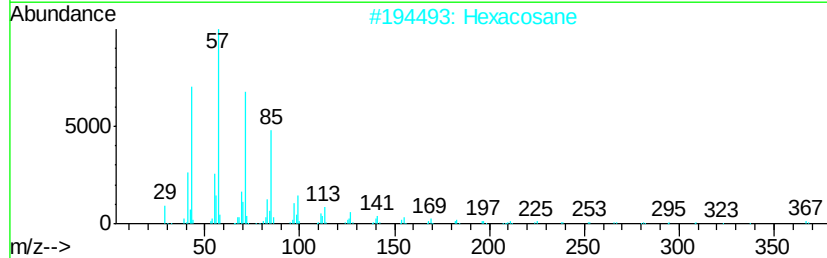
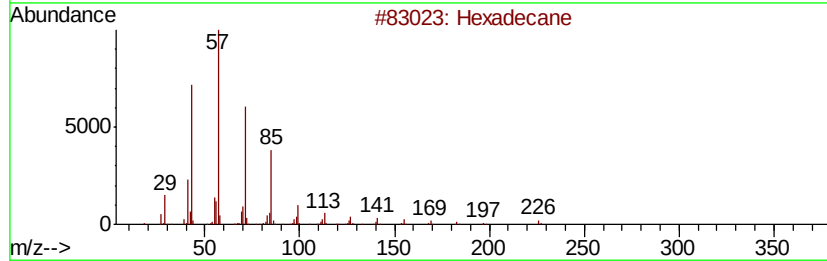
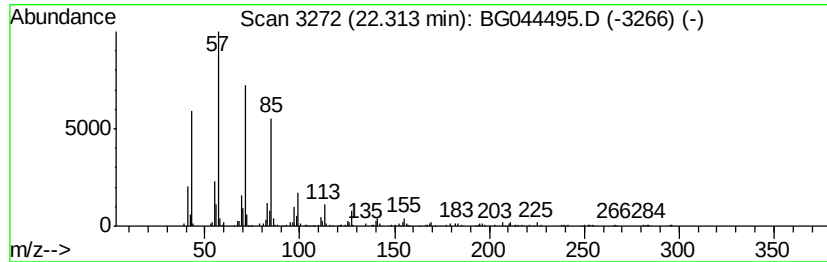
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Peak Number 4 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.31	4.47 ng	229589	Chrysene-d12	21.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Eicosane	282	C20H42	000112-95-8	91



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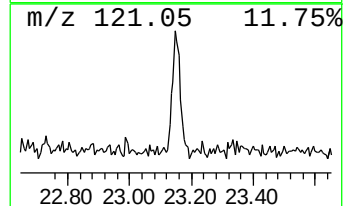
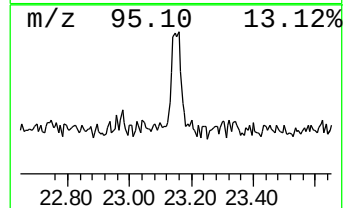
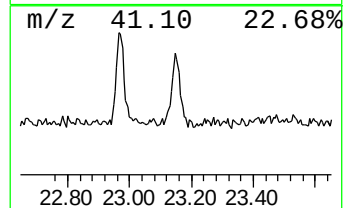
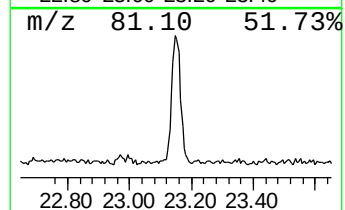
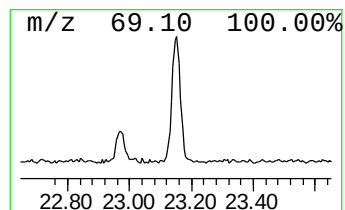
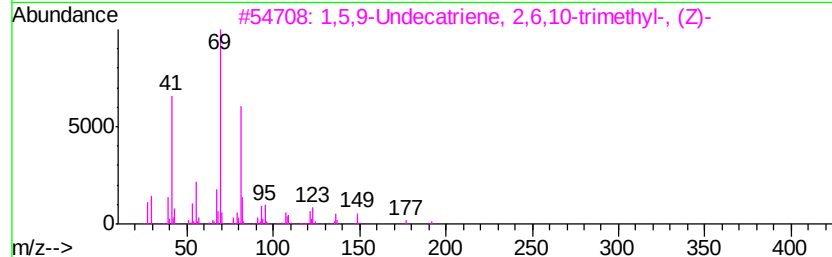
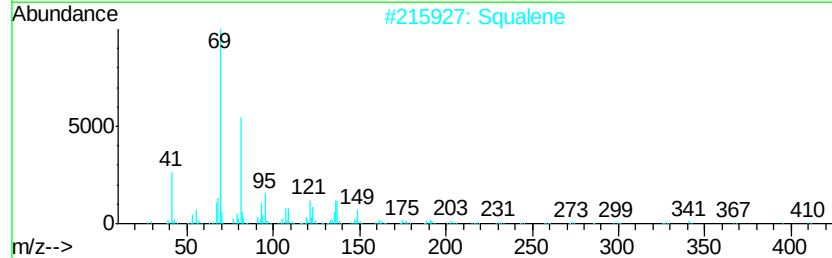
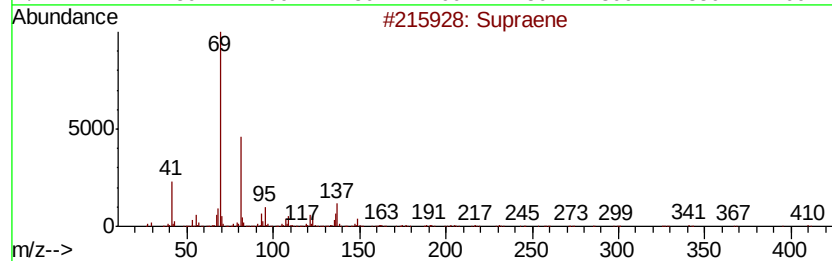
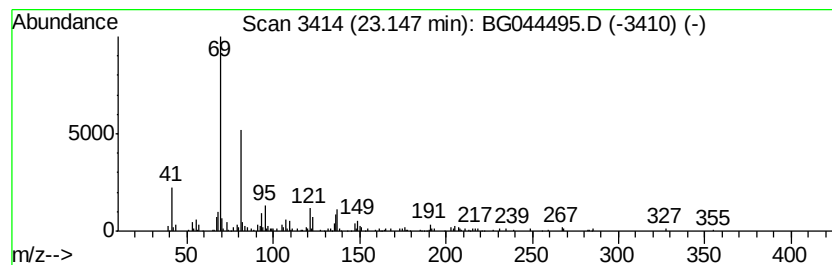
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Peak Number 6 Supraene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.15	2.21 ng	144697	Perylene-d12	24.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	90
2		Squalene	410	C30H50	000111-02-4	90
3		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	83
4		Trifluoroacetyl-lavandulol	250	C12H17F3O2	028673-24-7	64
5		2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	59



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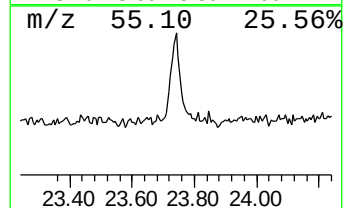
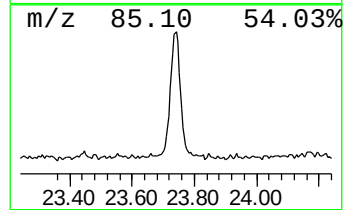
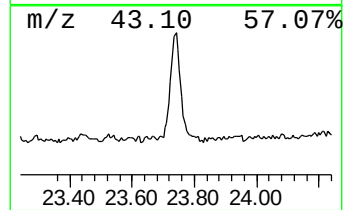
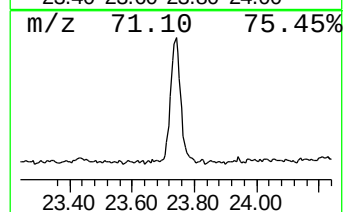
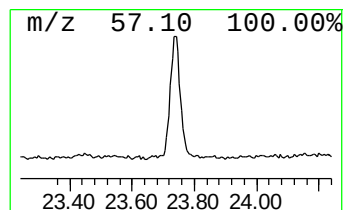
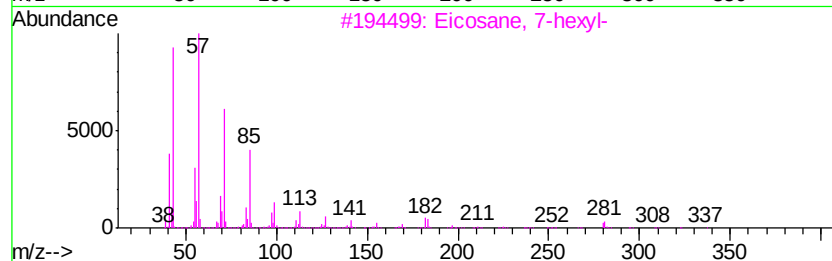
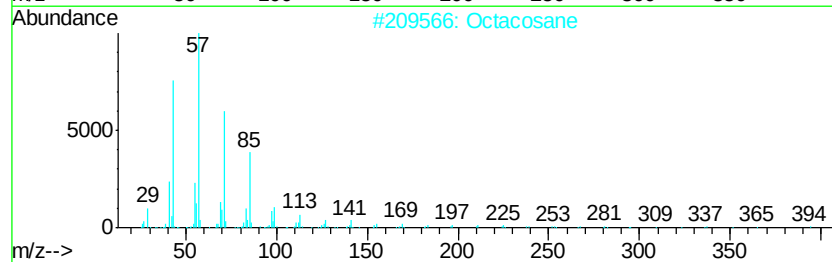
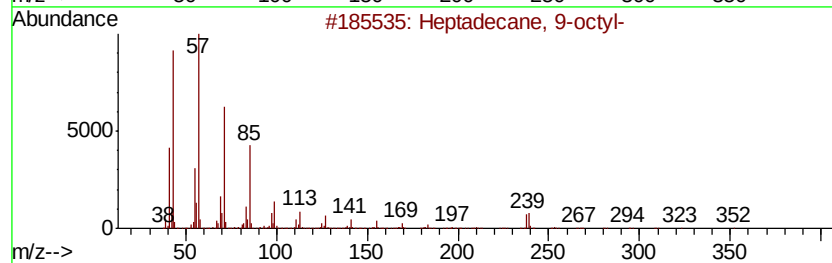
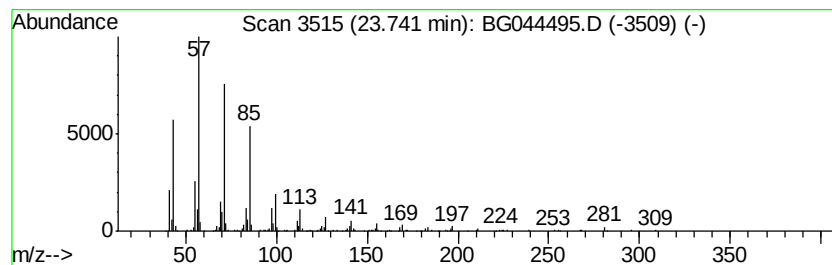
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 Peak Number 7 Heptadecane, 9-octyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	4.52 ng	296759	Perylene-d12	24.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4		Docosane	310	C22H46	000629-97-0	90
5		Nonadecane	268	C19H40	000629-92-5	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexadecane	21.19	7.2	ng	366996	5	21.52	1026910	20.0
Heneicosane	21.72	3.0	ng	156178	5	21.52	1026910	20.0
Hexadecane	22.31	4.5	ng	229589	5	21.52	1026910	20.0
Supraene	23.15	2.2	ng	144697	6	24.60	1312400	20.0
Heptadecane, 9-oc...	23.74	4.5	ng	296759	6	24.60	1312400	20.0