

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046119.D
 Acq On : 31 Jul 2020 10:40
 Operator : CG/JU
 Sample : PB130544BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130544BL

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-BG073020.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	5.538	410	417	428	rBV	1483502	2289249	33.50%	8.080%
2	7.119	678	686	699	rBV	1393363	2381399	34.84%	8.405%
3	7.953	821	828	835	rBV	291299	466184	6.82%	1.645%
4	9.105	1016	1024	1034	rBV	850160	1505996	22.04%	5.315%
5	10.750	1296	1304	1313	rBV	384912	677483	9.91%	2.391%
6	13.206	1715	1722	1732	rBV	2276291	3507842	51.33%	12.381%
7	14.581	1948	1956	1964	rBV2	633097	954080	13.96%	3.367%
8	16.067	2202	2209	2221	rBV	1902740	2875345	42.07%	10.149%
9	17.319	2415	2422	2430	rBV	831561	1247919	18.26%	4.405%
10	19.310	2753	2761	2769	rBV	49092	110366	1.61%	0.390%
11	19.939	2861	2868	2876	rBV	5117208	6834491	100.00%	24.123%
12	20.245	2914	2920	2929	rBV	118190	213871	3.13%	0.755%
13	21.032	3049	3054	3063	rVB	163099	319936	4.68%	1.129%
14	21.567	3139	3145	3156	rBV	1033987	1713017	25.06%	6.046%
15	21.901	3195	3202	3212	rVB	172742	345711	5.06%	1.220%
16	22.383	3280	3284	3291	rVB3	63201	110604	1.62%	0.390%
17	22.877	3361	3368	3380	rVB2	121646	305542	4.47%	1.078%
18	23.059	3394	3399	3408	rVB2	84795	154147	2.26%	0.544%
19	23.840	3526	3532	3540	rVB3	75003	156546	2.29%	0.553%
20	24.028	3559	3564	3578	rVB4	64275	204740	3.00%	0.723%
21	24.675	3664	3674	3683	rBV2	588667	1621955	23.73%	5.725%
22	24.763	3685	3689	3698	rVB3	62143	137830	2.02%	0.486%
23	25.391	3788	3796	3806	rVB7	29173	108626	1.59%	0.383%
24	25.856	3871	3875	3883	rVB6	38293	89282	1.31%	0.315%

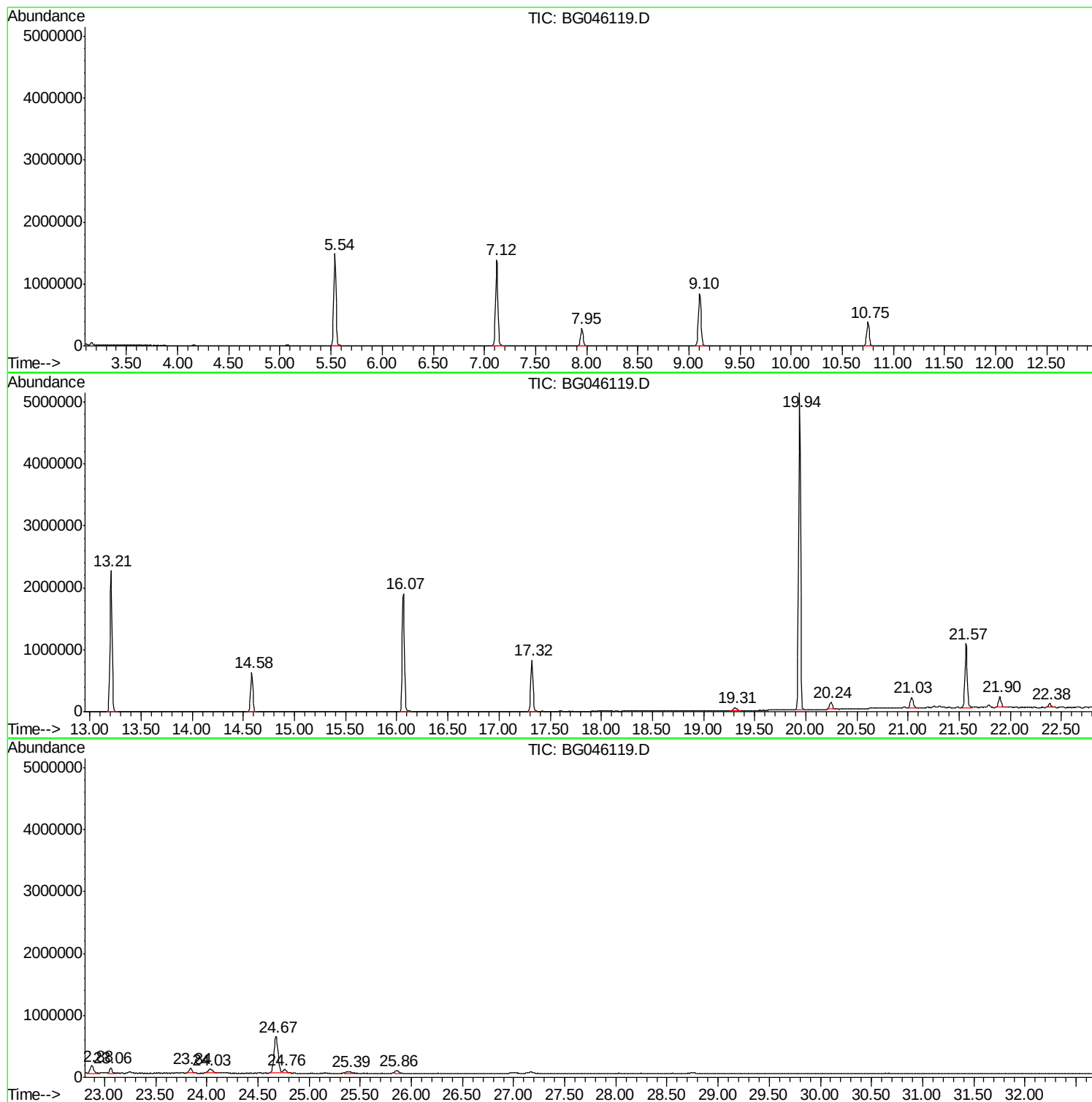
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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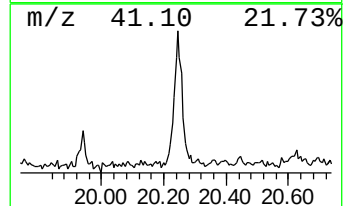
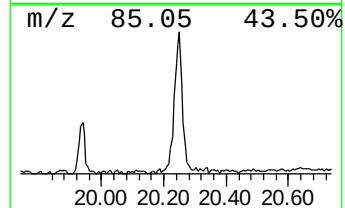
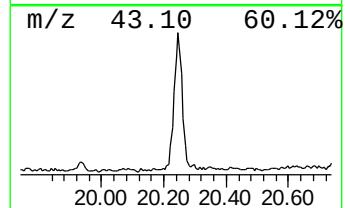
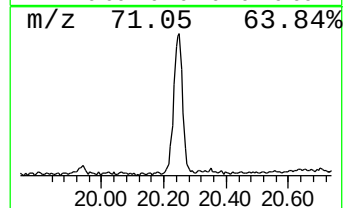
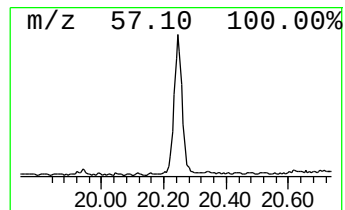
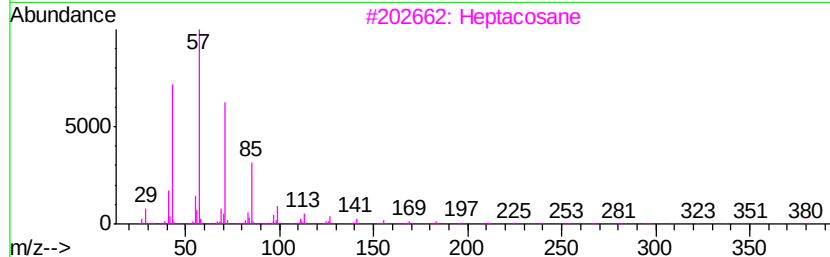
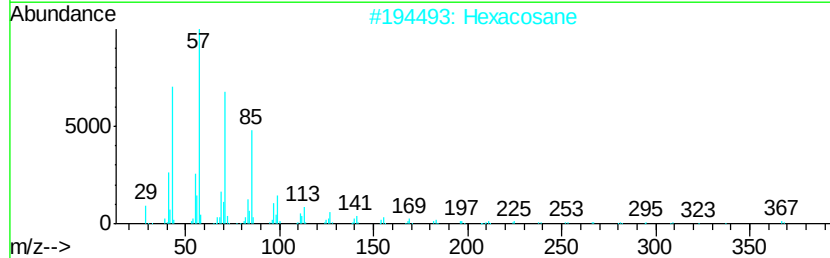
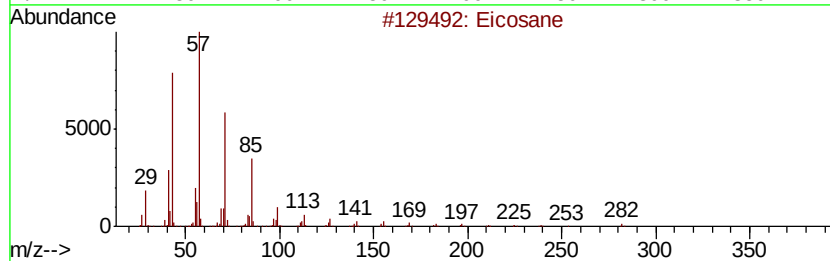
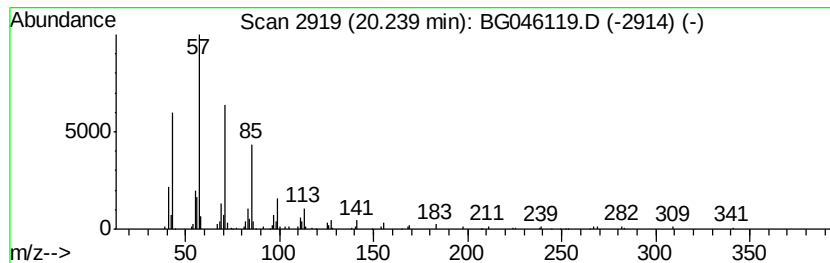
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	2.50 ng	213871	Chrysene-d12	21.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
5		Heptadecane	240	C17H36	000629-78-7	91



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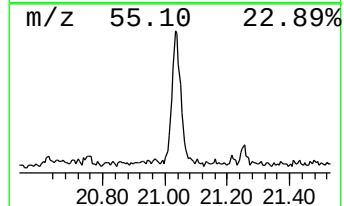
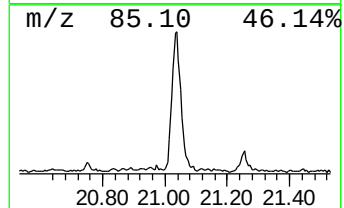
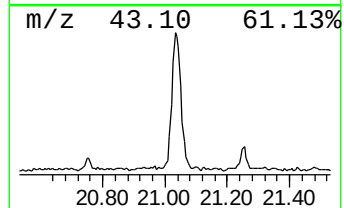
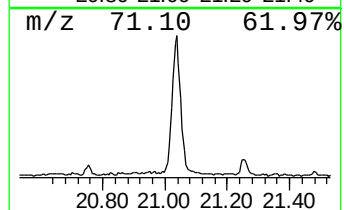
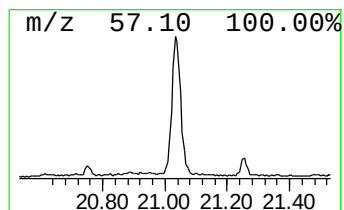
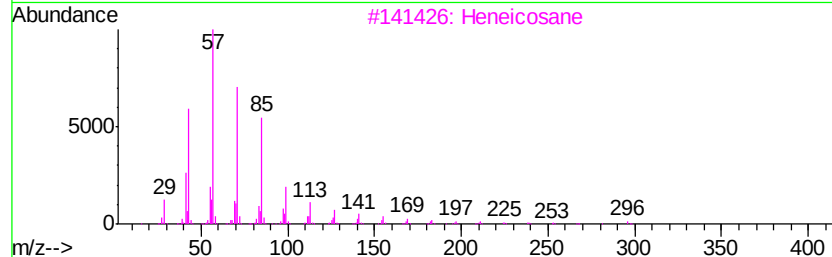
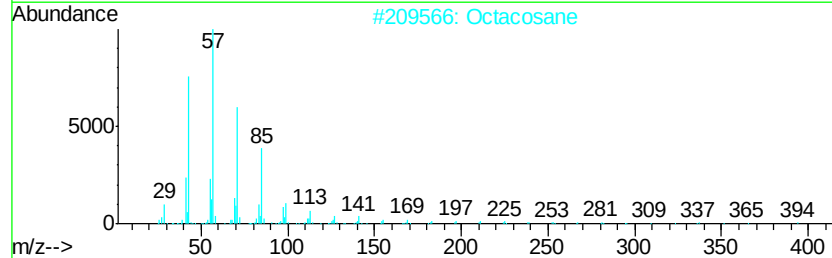
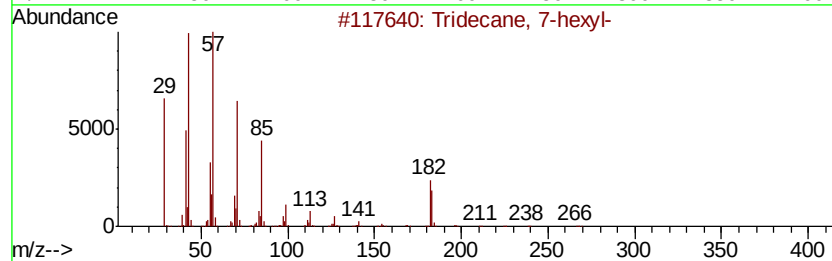
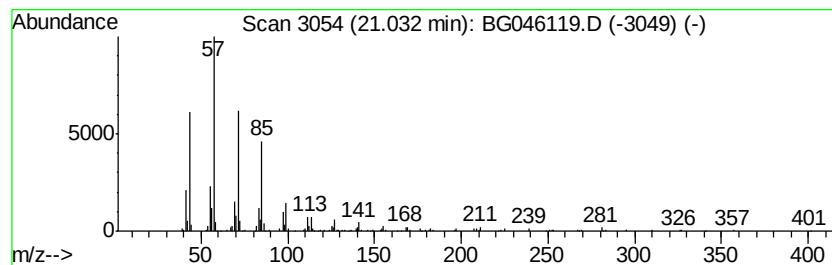
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 2 Tridecane, 7-hexyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	3.74 ng	319936	Chrysene-d12	21.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	95
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Hexatriacontane	507	C36H74	000630-06-8	91



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ALS Vial : 3 Sample Multiplier: 1

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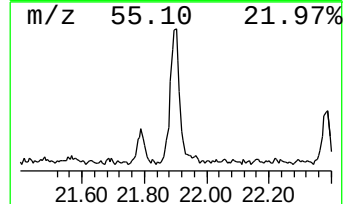
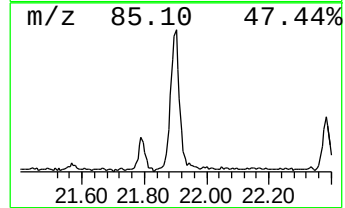
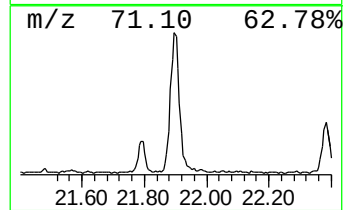
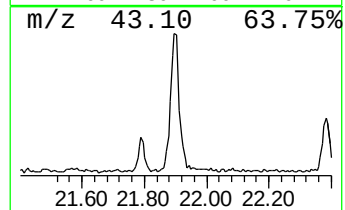
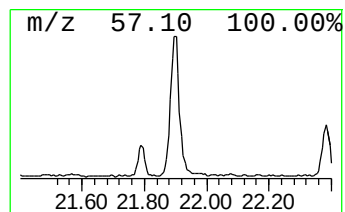
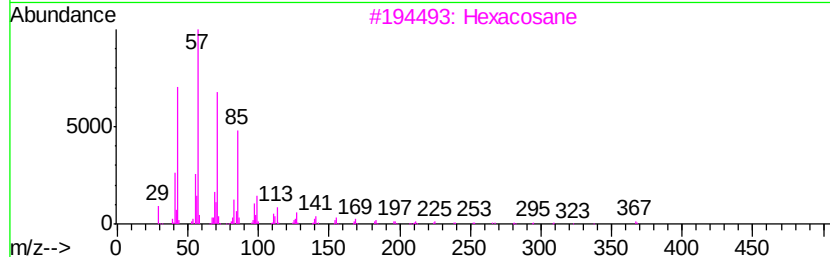
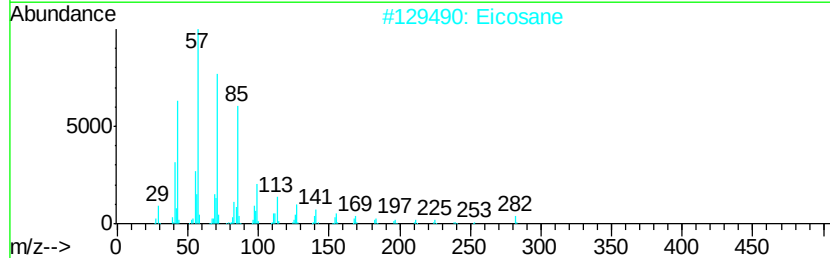
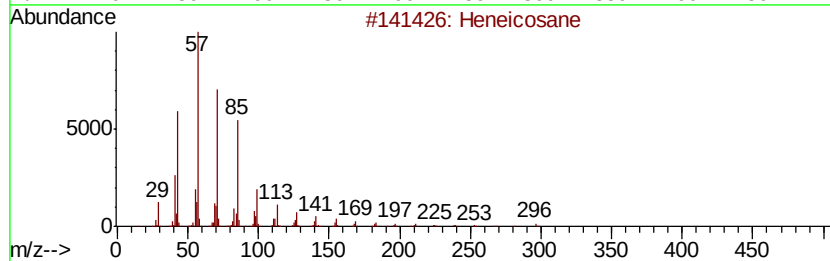
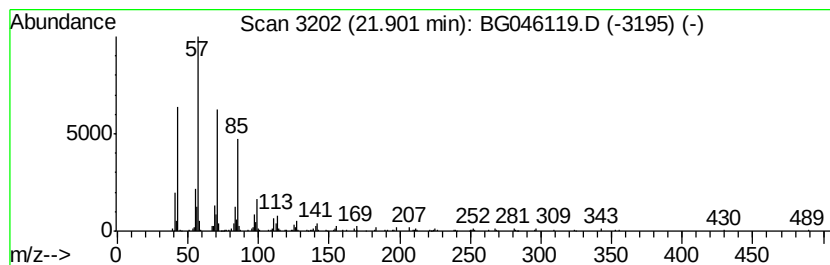
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Peak Number 3 Heneicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.90	4.04 ng	345711	Chrysene-d12	21.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	99
2	Eicosane		282	C20H42	000112-95-8	96
3	Hexacosane		366	C26H54	000630-01-3	93
4	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	93
5	Octacosane		394	C28H58	000630-02-4	87



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Instrument :
BNA_G
ClientSampleId :
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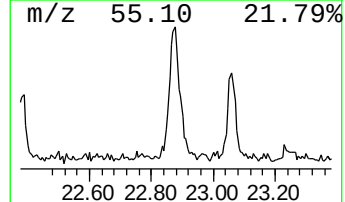
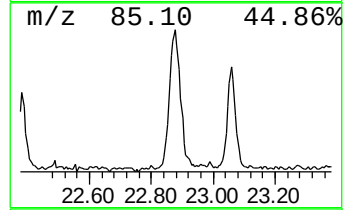
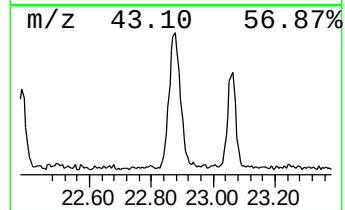
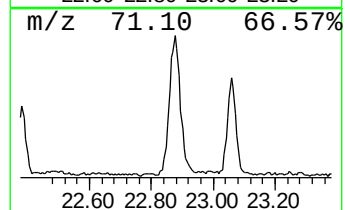
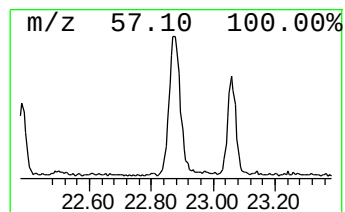
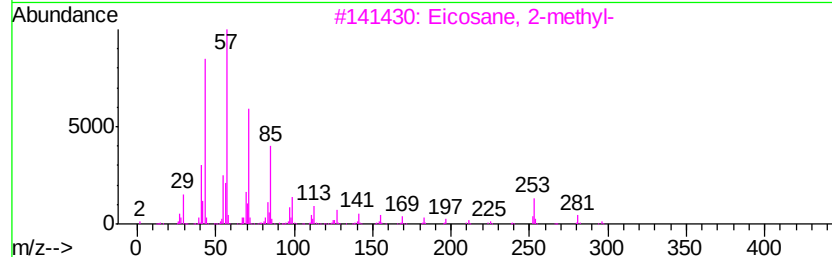
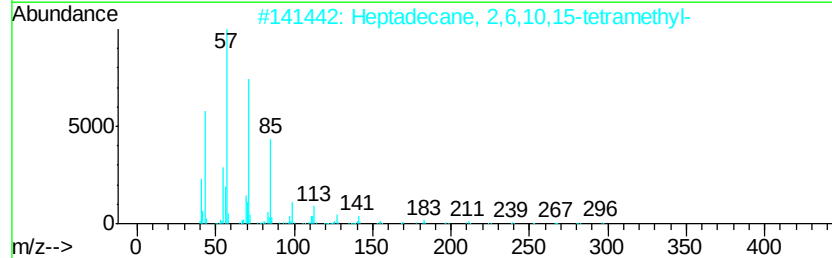
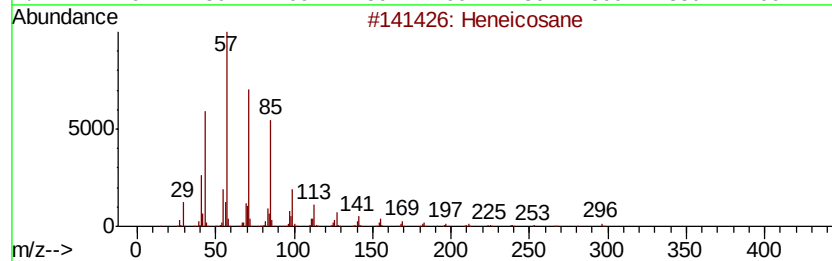
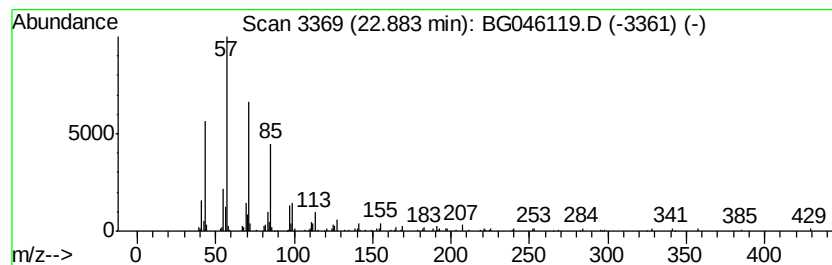
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Peak Number 4 Heptadecane, 2,6,10,15-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.88	3.57 ng	305542	Chrysene-d12	21.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	96
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3			Eicosane, 2-methyl-	296	C21H44	001560-84-5	90
4			Tetracosane	338	C24H50	000646-31-1	90
5			Hexacosane	366	C26H54	000630-01-3	90



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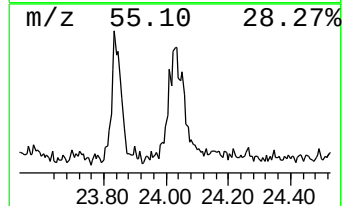
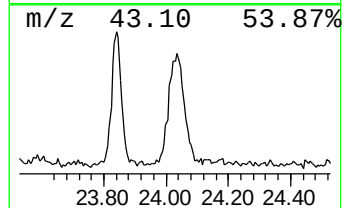
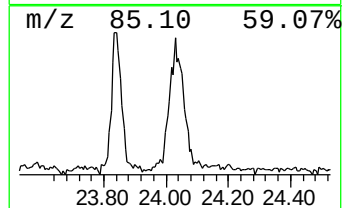
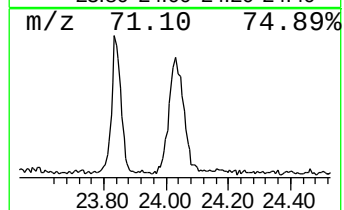
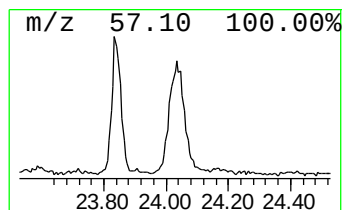
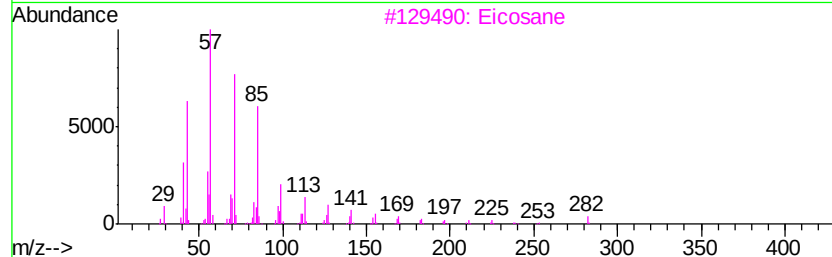
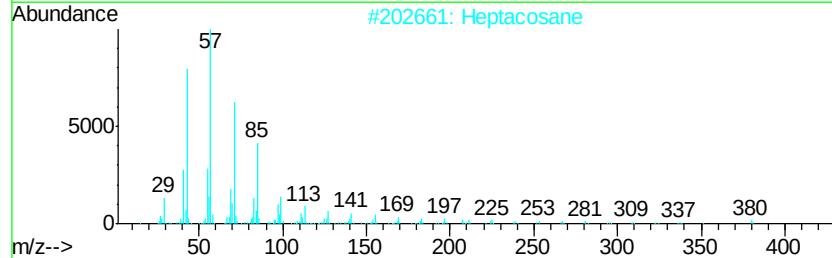
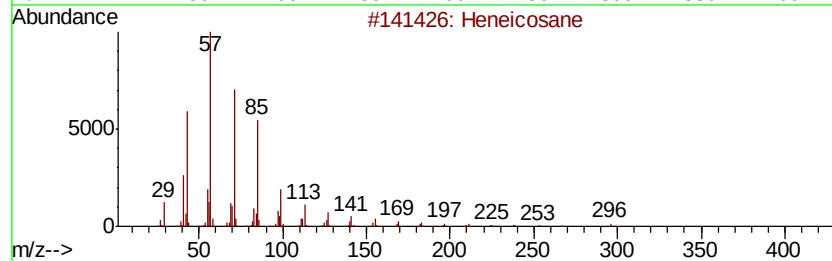
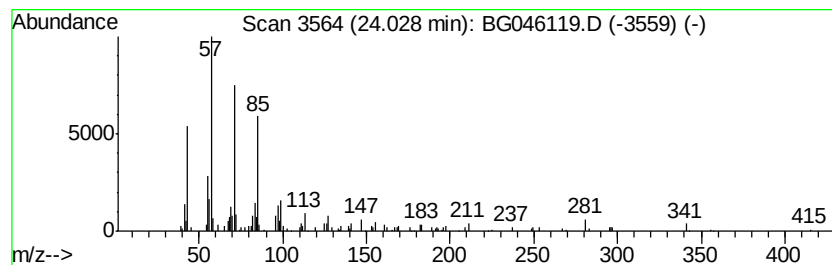
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Peak Number 5 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	2.52 ng	204740	Perylene-d12	24.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	98
2	Heptacosane		380	C27H56	000593-49-7	86
3	Eicosane		282	C20H42	000112-95-8	86
4	Triacontane		422	C30H62	000638-68-6	86
5	Sulfurous acid, 2-propyl tetradec...		320	C17H36O3S	1000309-12-5	80



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Eicosane	20.24	2.5	ng	213871	5	21.57	1713020	20.0
Tridecane, 7-hexyl-	21.03	3.7	ng	319936	5	21.57	1713020	20.0
Heneicosane	21.90	4.0	ng	345711	5	21.57	1713020	20.0
Heptadecane, 2,6,...	22.88	3.6	ng	305542	5	21.57	1713020	20.0
Heptacosane	24.03	2.5	ng	204740	6	24.67	1621960	20.0