

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
 Data File : BG048835.D
 Acq On : 22 Apr 2021 1:29
 Operator : CG/JU
 Sample : M2025-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 130-SB-1

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

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-BG041421.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048835.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.612	380	387	395	rVB	331800	525976	44.09%	7.844%
2	7.228	654	662	673	rBV	348856	625364	52.42%	9.326%
3	8.062	798	804	810	rVB	91676	151096	12.67%	2.253%
4	9.237	995	1004	1013	rVB	219110	391388	32.81%	5.837%
5	10.888	1278	1285	1294	rBV	131656	217942	18.27%	3.250%
6	13.338	1695	1702	1710	rBV	573362	875649	73.40%	13.059%
7	14.167	1838	1843	1847	rBV2	12363	18167	1.52%	0.271%
8	14.725	1930	1938	1946	rBB	189628	302627	25.37%	4.513%
9	16.217	2184	2192	2200	rBV	443537	667122	55.92%	9.949%
10	17.375	2381	2389	2393	rBV4	5669	12946	1.09%	0.193%
11	17.480	2399	2407	2413	rBV	240897	352644	29.56%	5.259%
12	18.432	2566	2569	2574	rVB2	10319	13819	1.16%	0.206%
13	19.120	2682	2686	2690	rBV2	43825	50102	4.20%	0.747%
14	19.208	2698	2701	2707	rBV6	10171	15779	1.32%	0.235%
15	19.525	2751	2755	2758	rBV6	9990	14482	1.21%	0.216%
16	19.754	2789	2794	2798	rBV8	11793	19179	1.61%	0.286%
17	20.095	2846	2852	2859	rBV	894664	1192950	100.00%	17.791%
18	20.765	2963	2966	2970	rVB3	19700	26823	2.25%	0.400%
19	20.982	2999	3003	3008	rVB	80125	101524	8.51%	1.514%
20	21.029	3008	3011	3015	rVB3	15784	19022	1.59%	0.284%
21	21.393	3068	3073	3078	rVV2	70721	96238	8.07%	1.435%
22	21.775	3132	3138	3145	rBV2	224258	383341	32.13%	5.717%
23	21.952	3166	3168	3174	rBV7	6964	13086	1.10%	0.195%
24	24.137	3533	3540	3544	rBV7	26563	59548	4.99%	0.888%
25	25.113	3697	3706	3716	rVB3	129300	374501	31.39%	5.585%
26	25.400	3748	3755	3759	rBV10	8119	20264	1.70%	0.302%
27	26.305	3900	3909	3919	rVB7	51635	163705	13.72%	2.441%

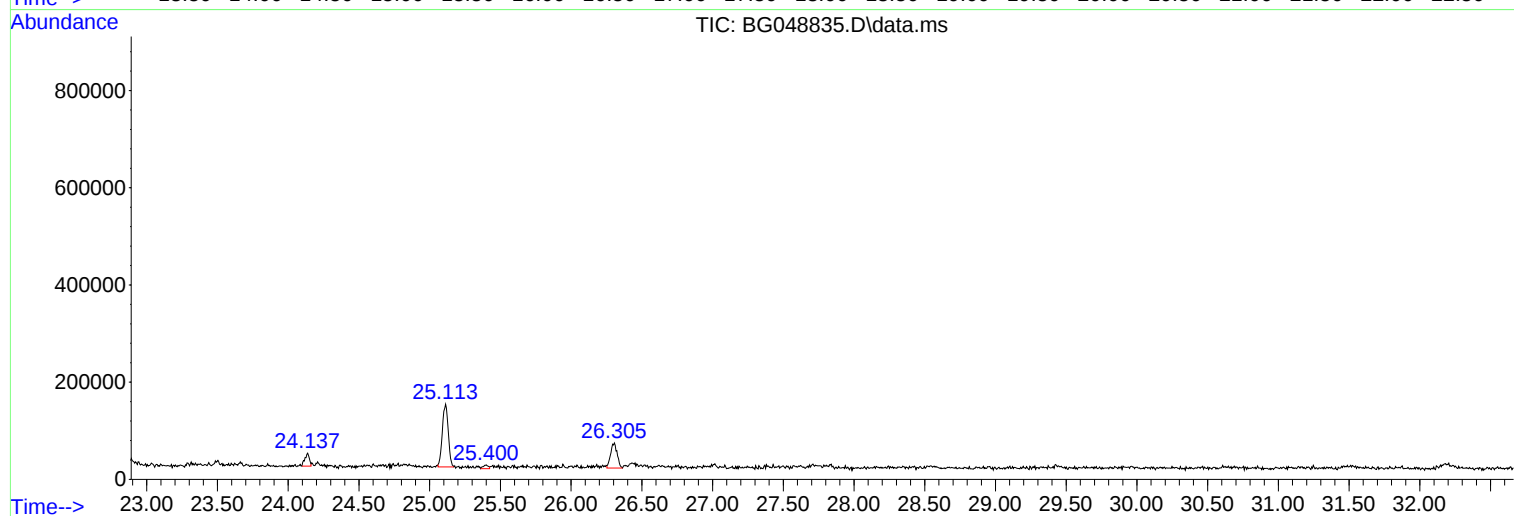
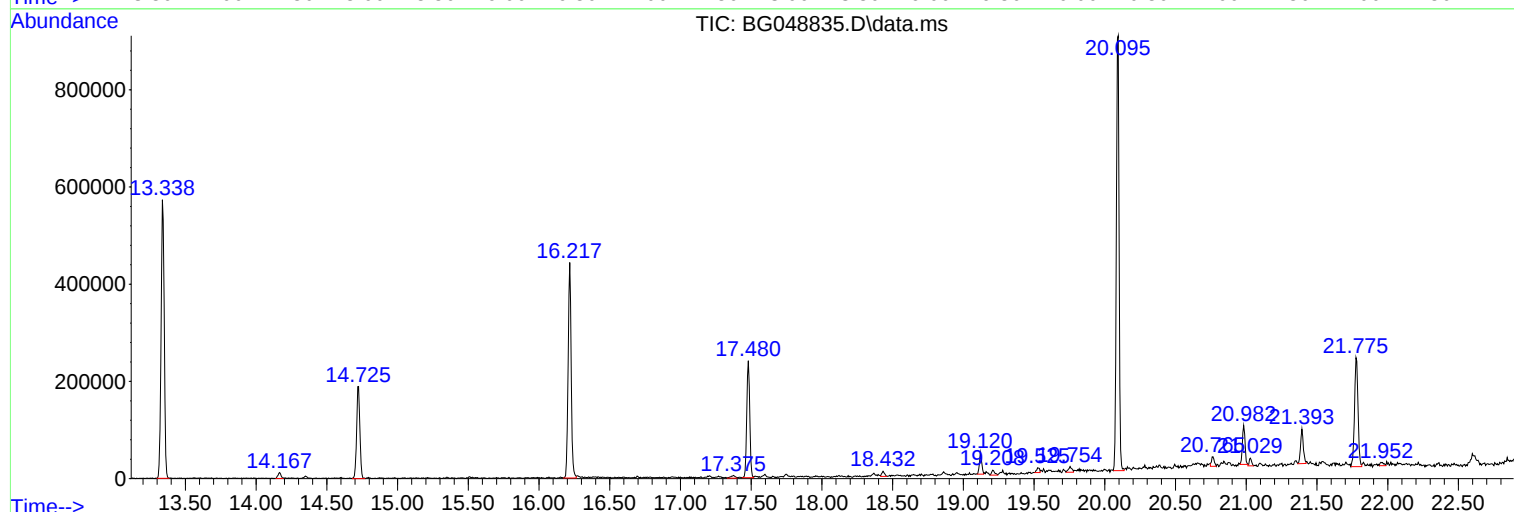
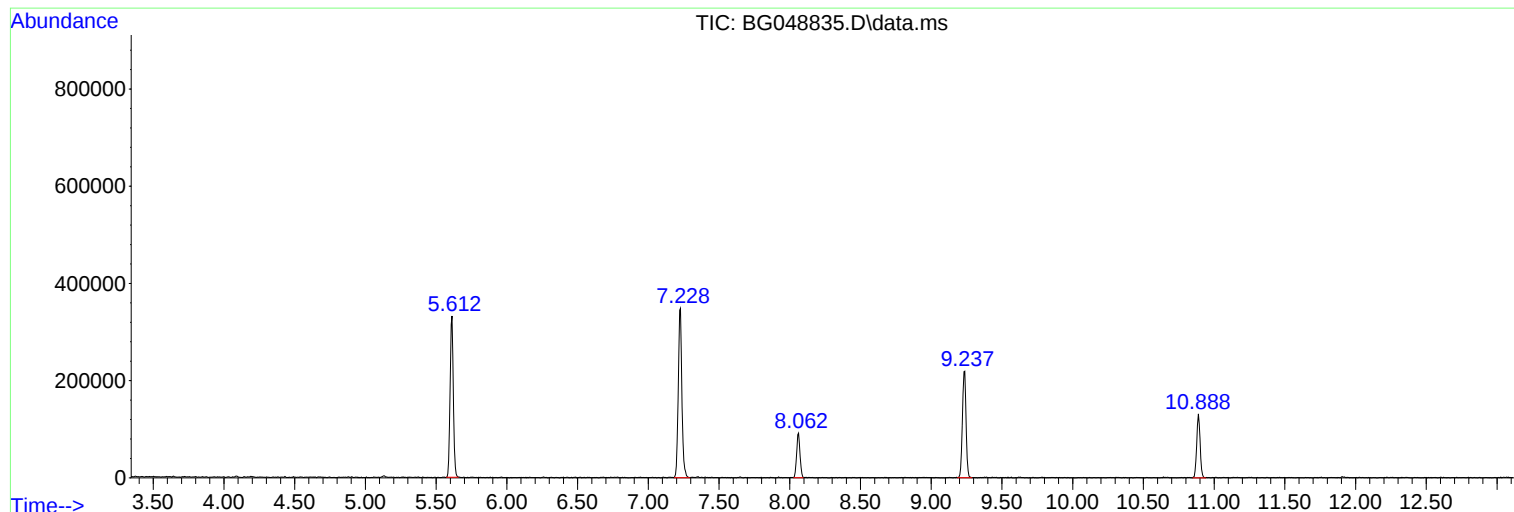
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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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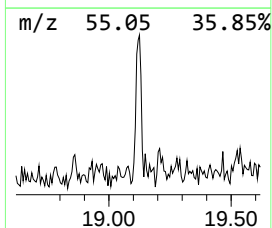
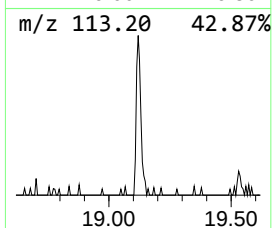
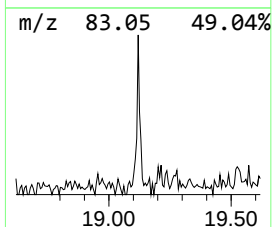
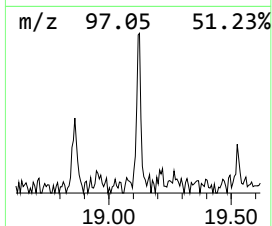
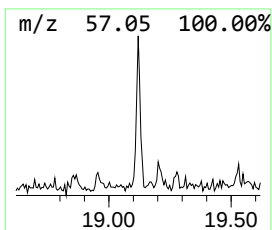
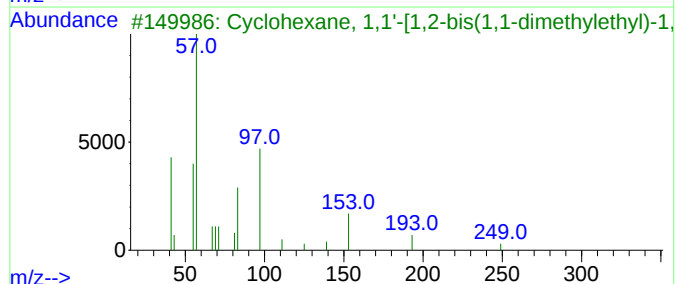
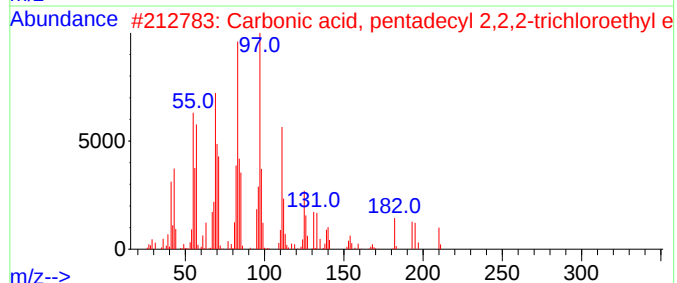
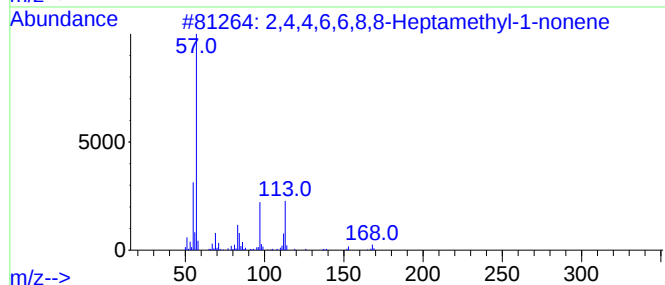
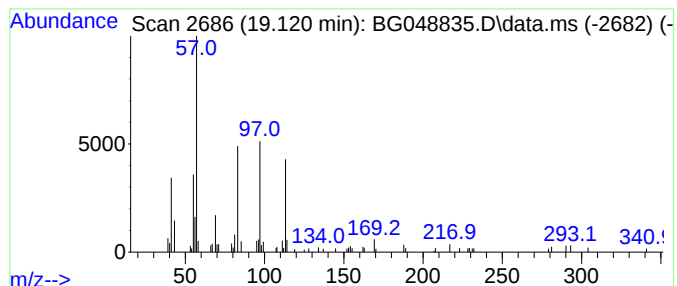
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

Peak Number 1 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.120	2.84 ng	50102	Phenanthrene-d10	17.480	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	59
2	Carbonic acid, pentadecyl 2,2,2-...	402	C18H33Cl3O3	1000314-56-1	38
3	Cyclohexane, 1,1'-[1,2-bis(1,1-d...	306	C22H42	065149-85-1	32
4	5-Ethyl-5-methylheptadecane	282	C20H42	1000360-42-5	17
5	4,4-Dimethyl-2-pentanol, heptafl...	312	C11H15F7O2	1000364-14-5	12



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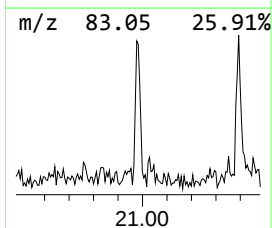
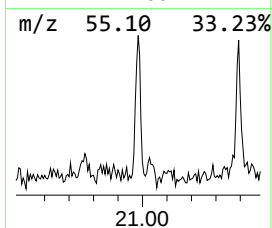
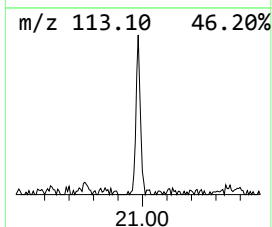
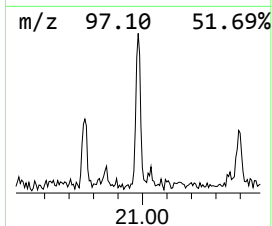
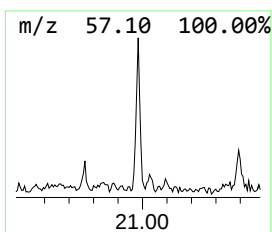
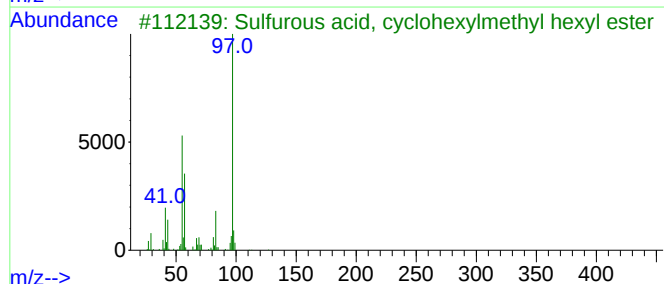
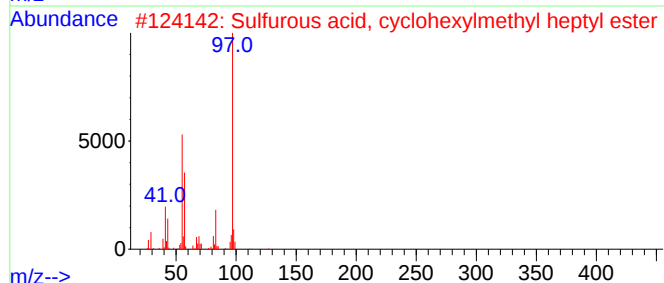
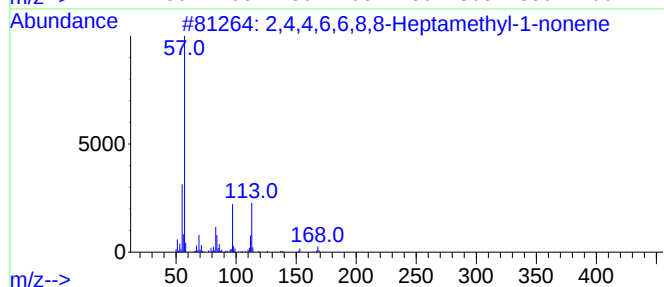
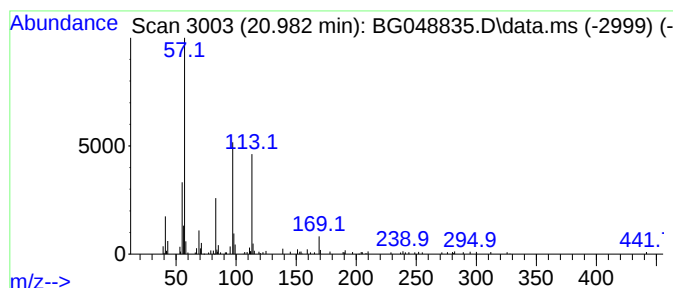
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Peak Number 2 unknown20.982 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.982	5.30 ng	101524	Chrysene-d12	21.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	78		
2	Sulfurous acid, cyclohexylmethyl...	276	C14H28O3S	1000309-21-7	38		
3	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-6	32		
4	Sulfurous acid, cyclohexylmethyl...	234	C11H22O3S	1000309-21-3	25		
5	Triallylmethylsilane	166	C10H18Si	001112-91-0	25		



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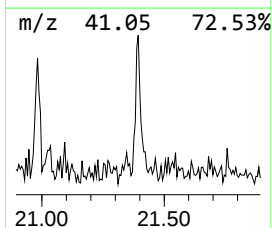
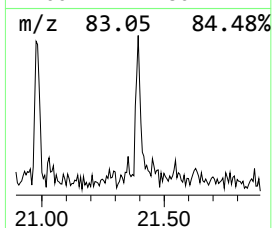
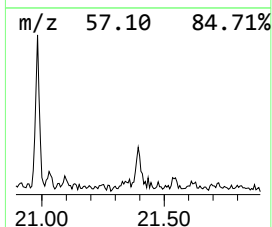
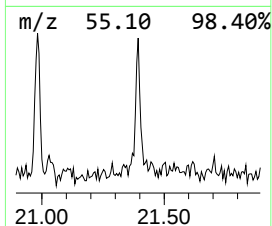
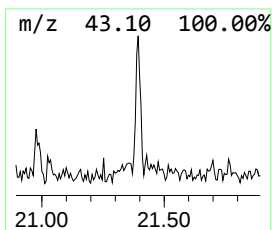
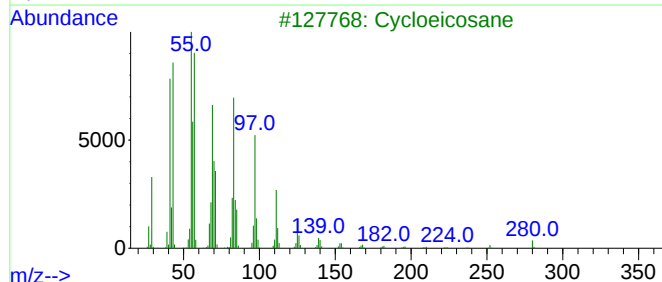
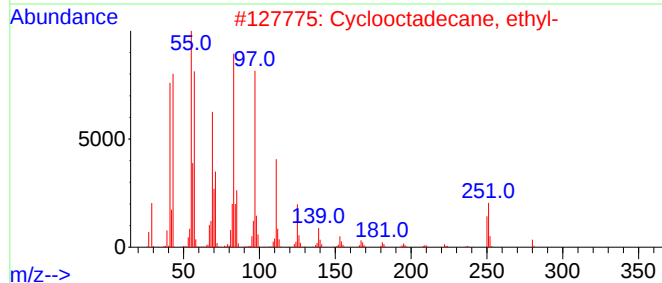
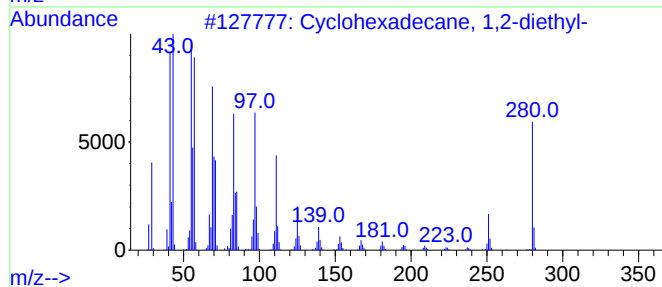
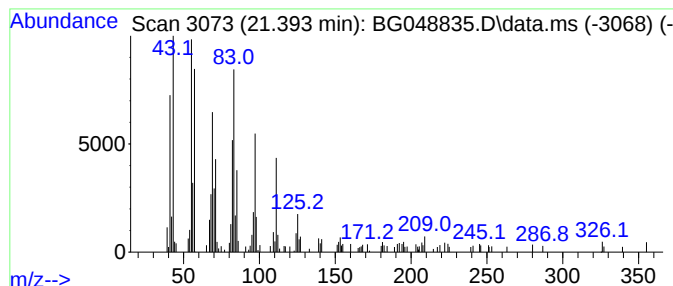
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Peak Number 3 Cyclohexadecane, 1,2-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.393	5.02 ng	96238	Chrysene-d12	21.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	95
2			Cyclooctadecane, ethyl-	280	C20H40	1000151-22-5	93
3			Cycloeicosane	280	C20H40	000296-56-0	89
4			1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	81
5			Behenic alcohol	326	C22H46O	000661-19-8	76



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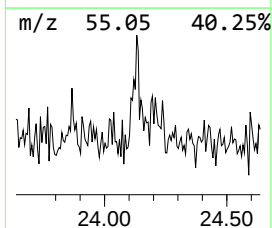
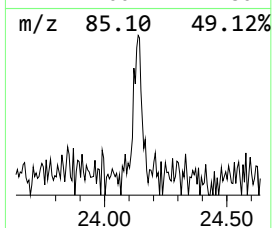
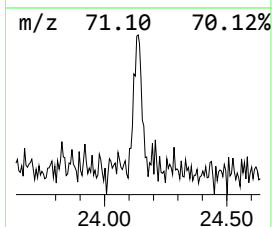
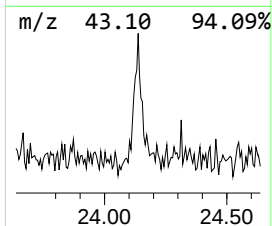
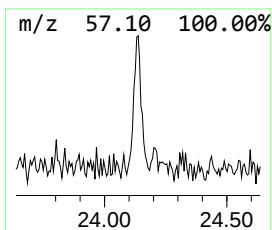
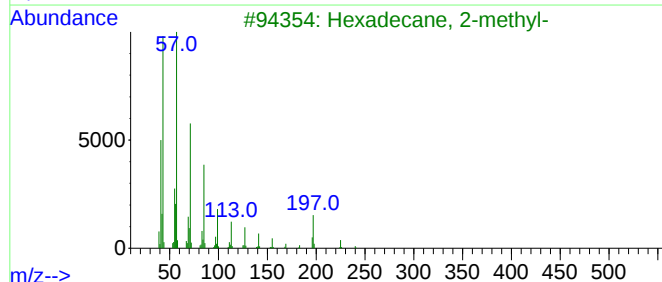
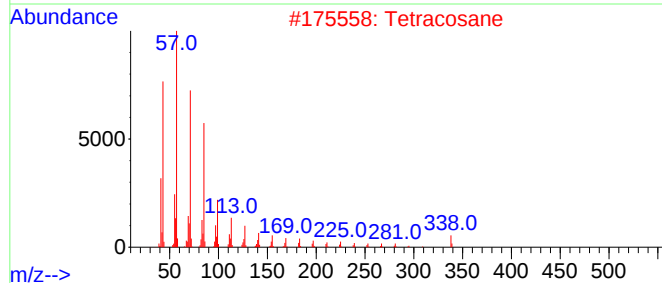
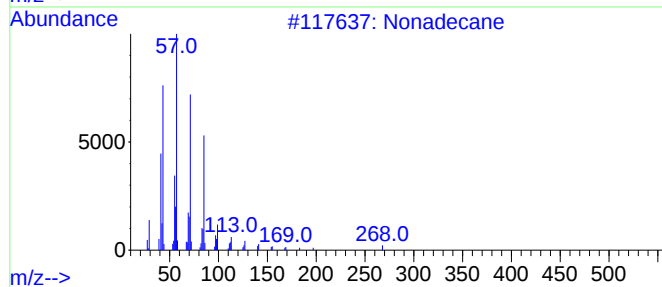
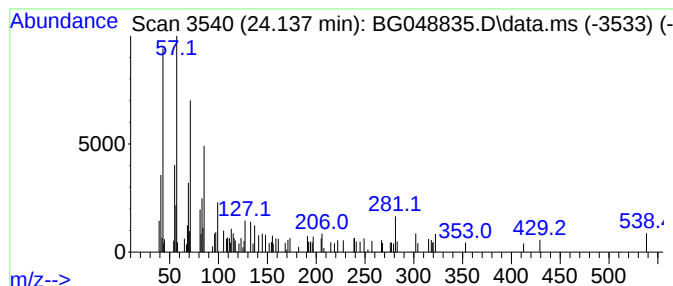
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Peak Number 4 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.137	3.18 ng	59548	Perylene-d12	25.113

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	60
2			Tetracosane	338	C24H50	000646-31-1	58
3			Hexadecane, 2-methyl-	240	C17H36	001560-92-5	58
4			Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	53
5			Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	52



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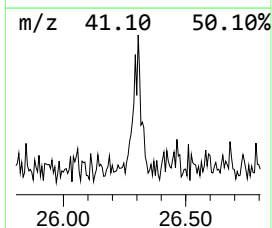
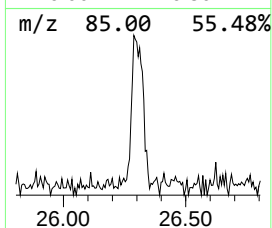
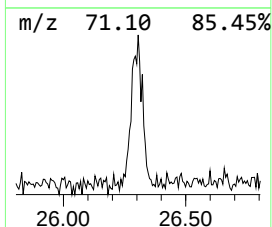
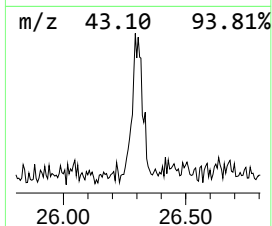
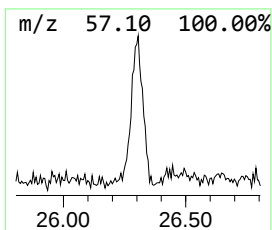
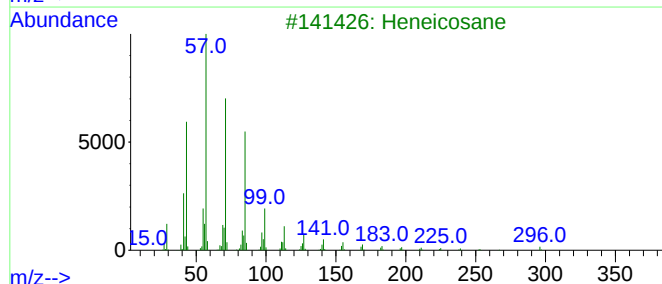
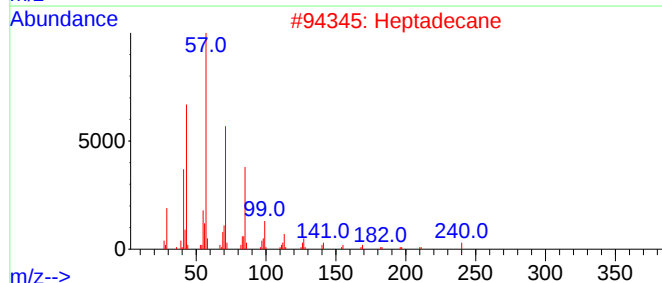
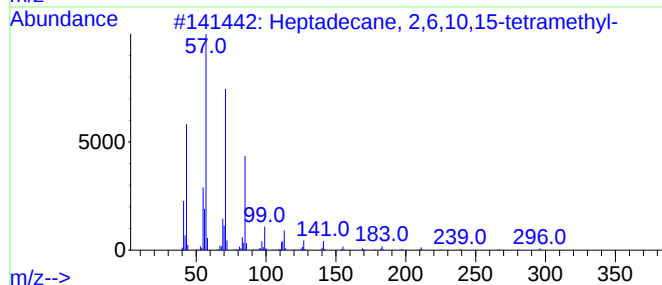
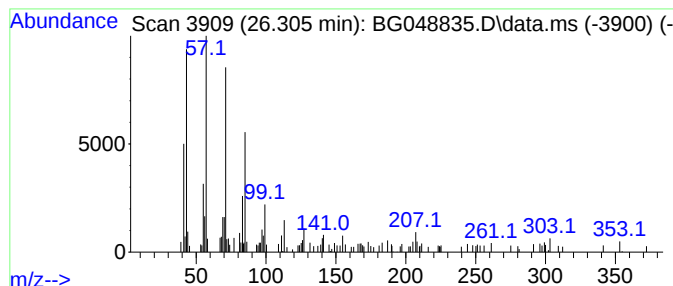
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Peak Number 5 Heptadecane, 2,6,10,15-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.305	8.74 ng	163705	Perylene-d12	25.113

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	95
2			Heptadecane	240	C17H36	000629-78-7	94
3			Heneicosane	296	C21H44	000629-94-7	94
4			Eicosane, 2-methyl-	296	C21H44	001560-84-5	90
5			Triacontane	422	C30H62	000638-68-6	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2,4,4,6,6,8,8-H...	19.120	2.8	ng	50102	4	17.480	352644	20.0
unknown20.982	20.982	5.3	ng	101524	5	21.775	383341	20.0
Cyclohexadecane...	21.393	5.0	ng	96238	5	21.775	383341	20.0
Nonadecane	24.137	3.2	ng	59548	6	25.113	374501	20.0
Heptadecane, 2,...	26.305	8.7	ng	163705	6	25.113	374501	20.0