

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
 Data File : BP019943.D
 Acq On : 29 Feb 2024 18:32
 Operator : MA/JU
 Sample : P1620-31
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-4

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_P\Methods\8270E-BP022624.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP019943.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.011	322	327	338	rVB	72211	111710	2.49%	0.456%
2	5.463	397	404	415	rBV	883809	1383356	30.86%	5.652%
3	7.069	669	677	692	rBV	908772	1553758	34.66%	6.349%
4	7.893	809	817	825	rBV	337485	549764	12.26%	2.246%
5	9.063	1008	1016	1035	rBV	584776	1049588	23.41%	4.289%
6	10.693	1284	1293	1312	rBV	410778	760395	16.96%	3.107%
7	13.163	1705	1713	1731	rBV	1628556	2552616	56.94%	10.430%
8	14.539	1940	1947	1966	rVB	692788	1096279	24.46%	4.479%
9	16.039	2195	2202	2219	rBV	1379668	2188901	48.83%	8.944%
10	17.304	2410	2417	2422	rBV	947559	1442844	32.19%	5.895%
11	18.198	2563	2569	2577	rBV	152272	239372	5.34%	0.978%
12	19.316	2755	2759	2767	rVB	97501	137416	3.07%	0.561%
13	19.433	2776	2779	2786	rBV6	46649	74376	1.66%	0.304%
14	19.669	2816	2819	2824	rVB	60966	84473	1.88%	0.345%
15	19.874	2848	2854	2861	rBV	3582314	4482669	100.00%	18.316%
16	20.627	2976	2982	2998	rBV	2826944	3712976	82.83%	15.171%
17	21.121	3062	3066	3071	rBV	232018	300920	6.71%	1.230%
18	21.404	3109	3114	3119	rBV	1116638	1509105	33.67%	6.166%
19	23.833	3521	3527	3534	rVB	599154	1243631	27.74%	5.081%

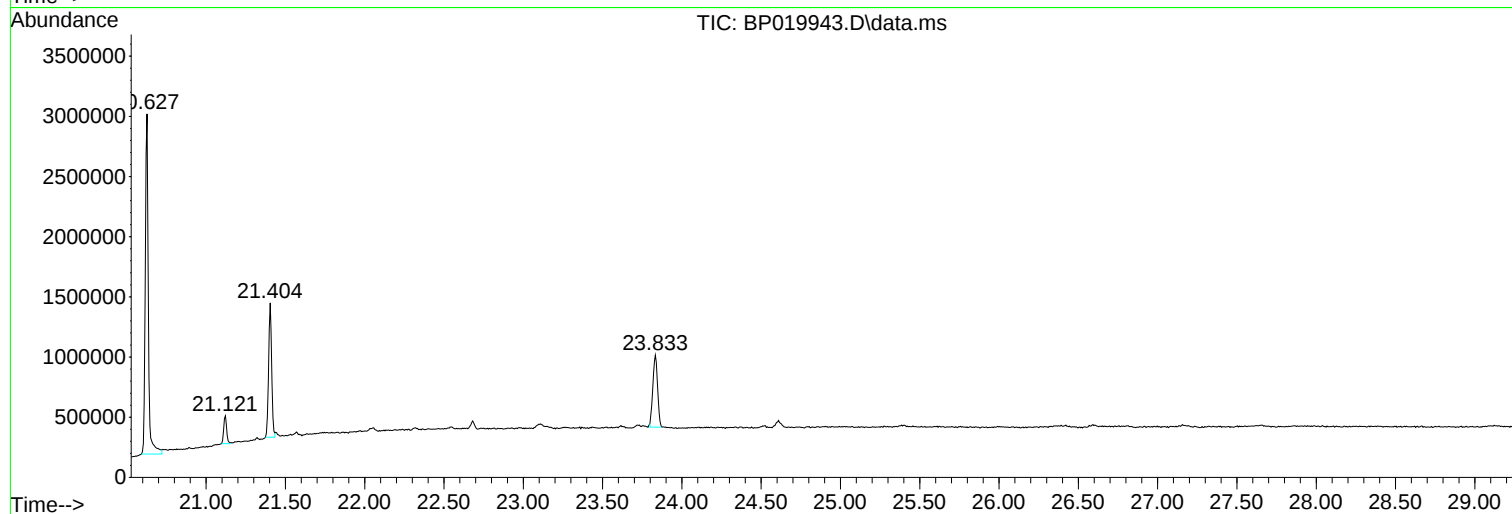
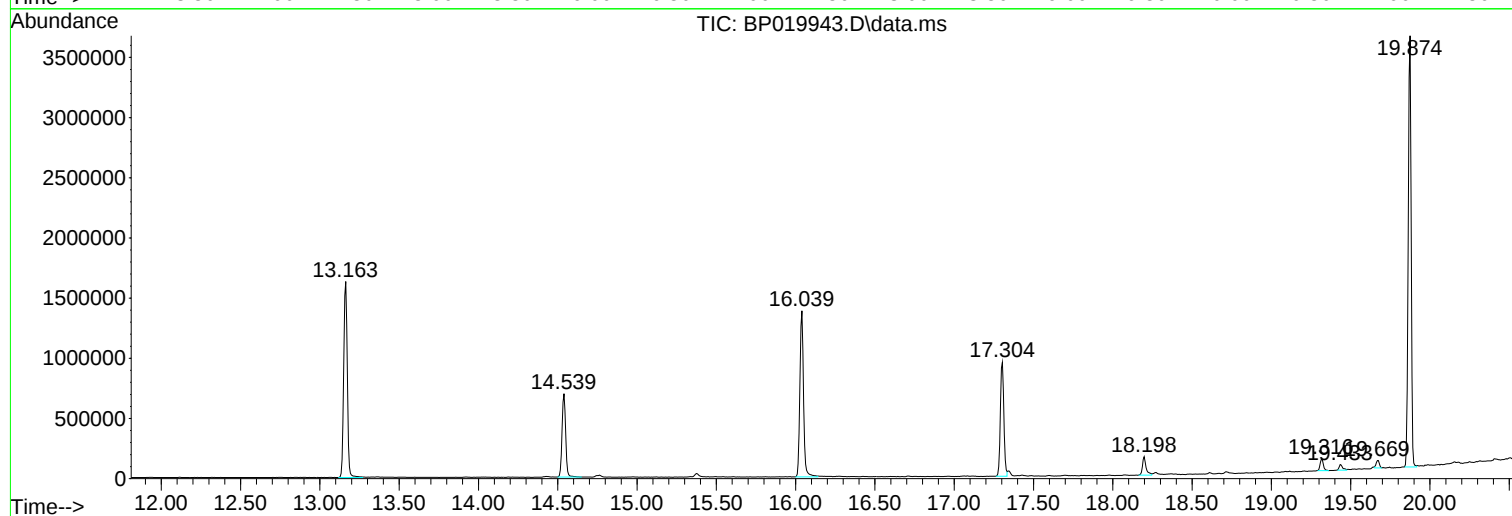
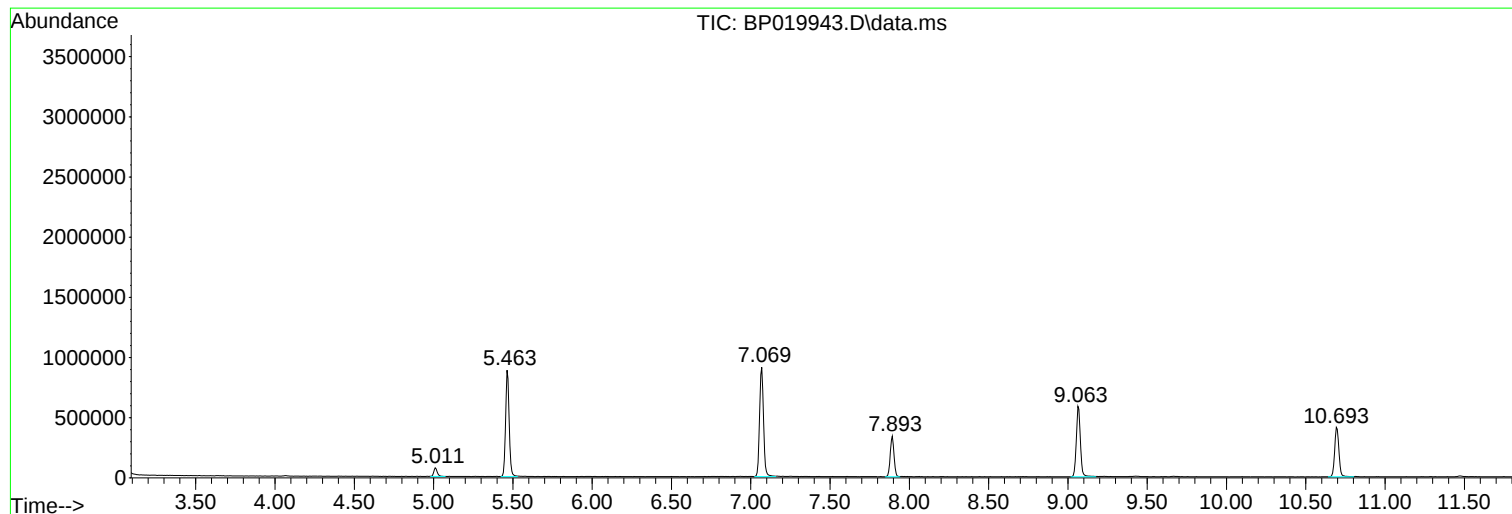
Sum of corrected areas: 24474149

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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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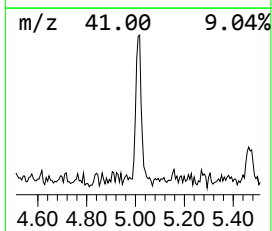
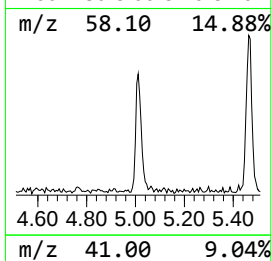
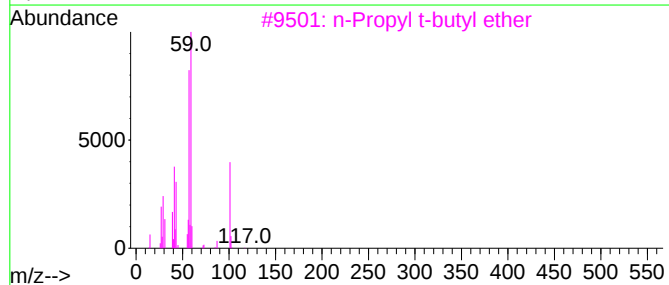
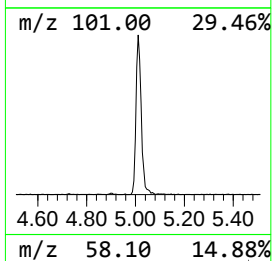
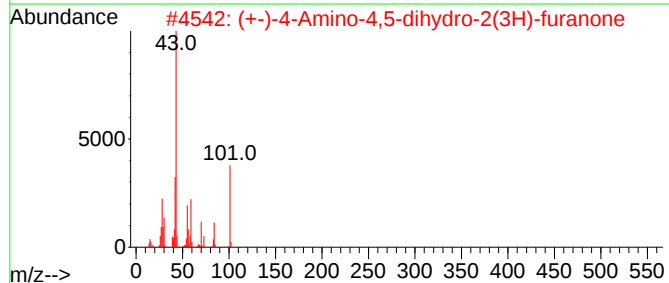
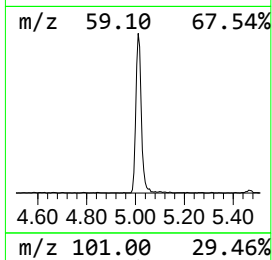
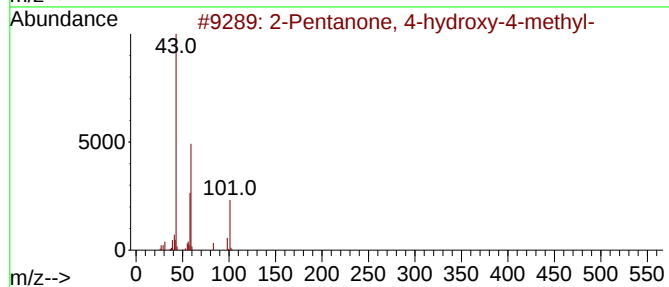
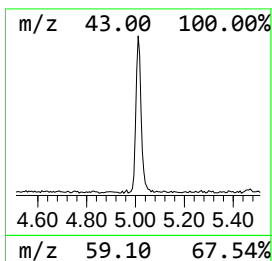
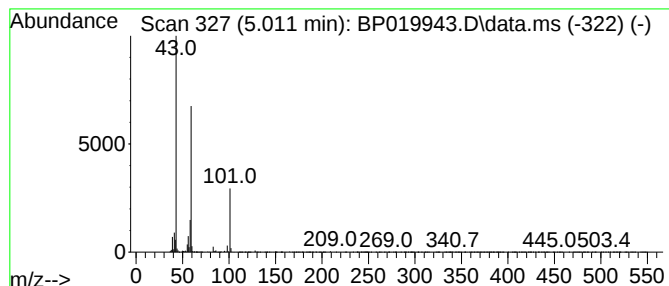
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.011	4.06 ng	111710	1,4-Dichlorobenzene-d4	7.893

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
3			n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	36
4			Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	28
5			Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28



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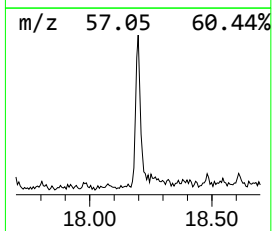
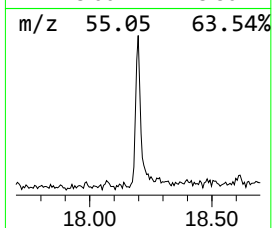
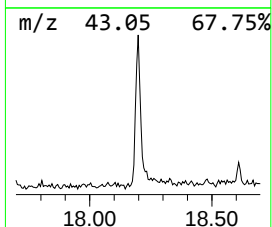
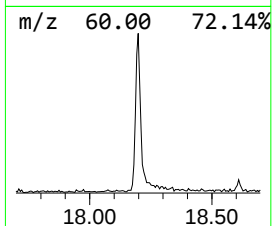
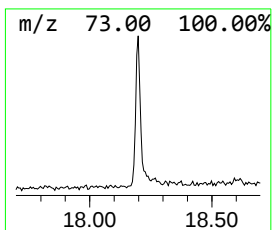
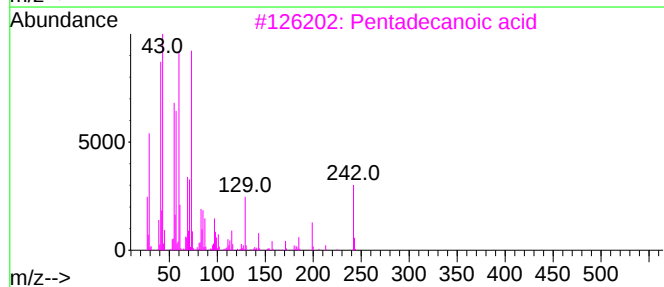
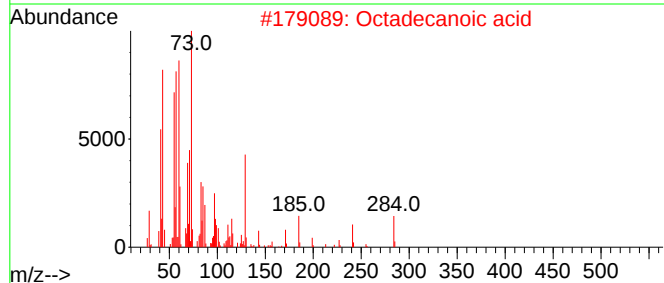
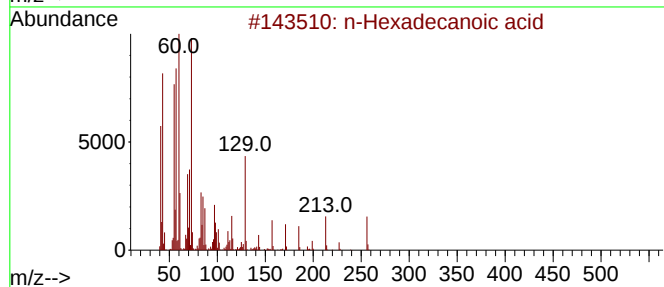
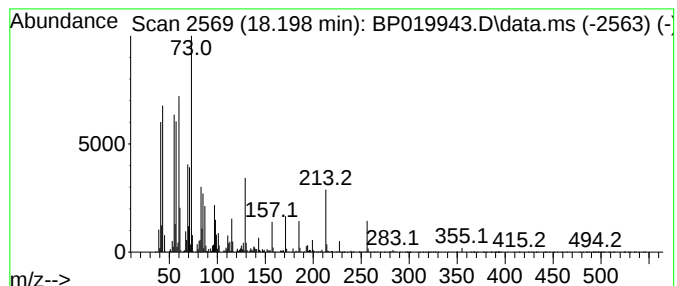
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.198	3.32 ng	239372	Phenanthrene-d10	17.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Octadecanoic acid	284	C18H36O2	000057-11-4	87
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Tridecanoic acid	214	C13H26O2	000638-53-9	70
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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SP-4

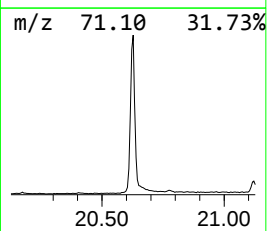
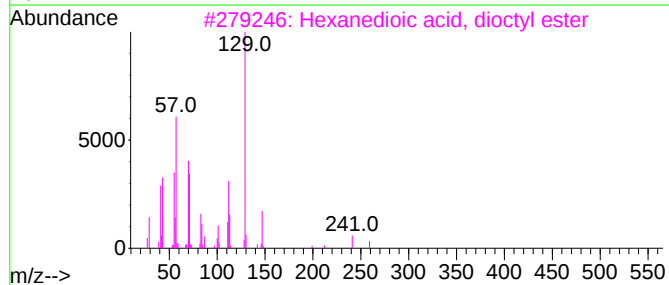
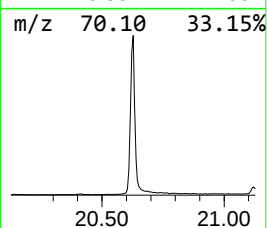
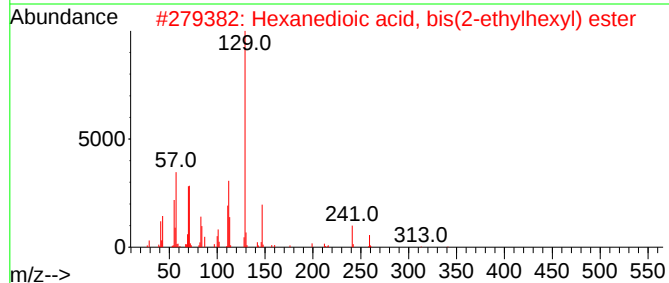
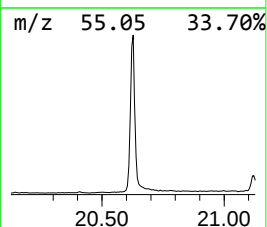
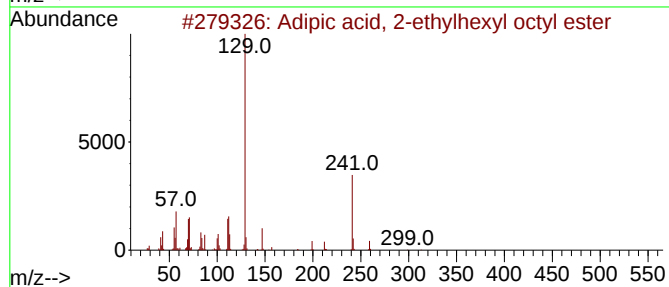
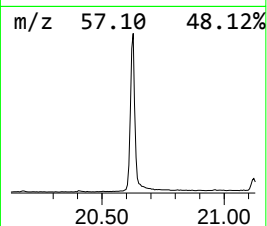
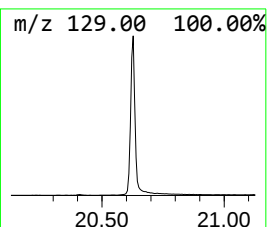
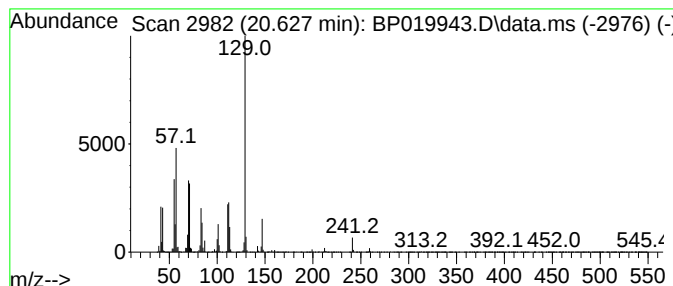
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Peak Number 3 Adipic acid, 2-ethylhexyl o... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.627	49.21 ng	3712980	Chrysene-d12	21.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	91
2			Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
3			Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	83
4			Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	58
5			Diisooctyl adipate	370	C22H42O4	001330-86-5	52



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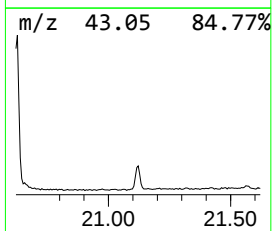
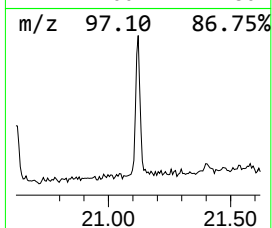
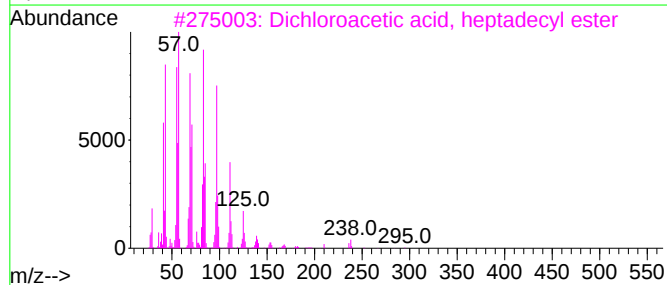
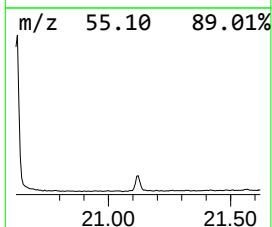
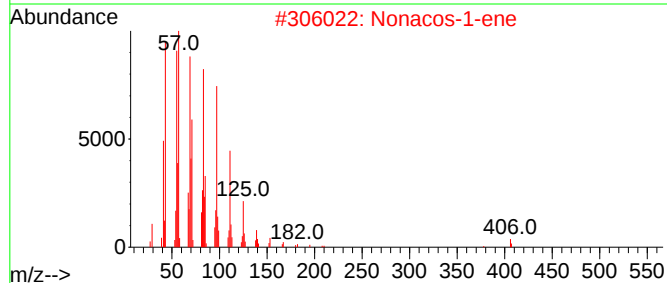
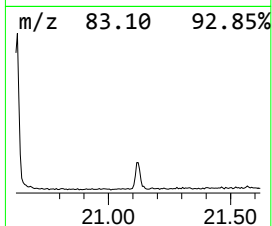
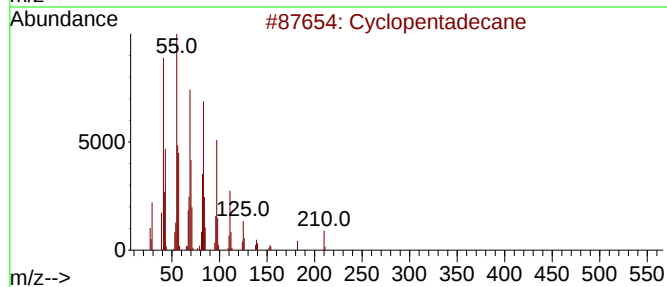
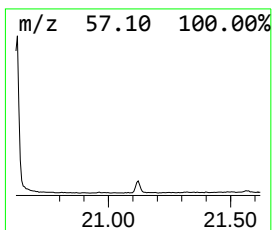
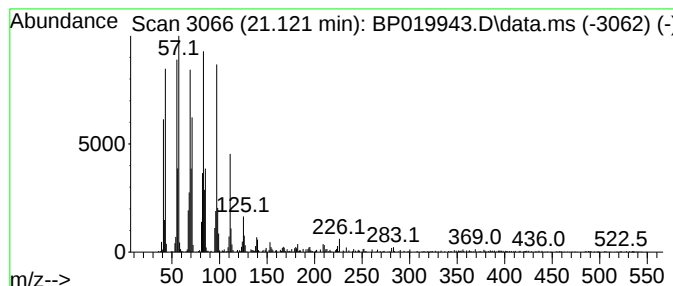
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Peak Number 4 Cyclopentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.121	3.99 ng	300920	Chrysene-d12	21.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentadecane	210	C15H30	000295-48-7	98
2			Nonacos-1-ene	406	C29H58	018835-35-3	94
3			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
4			1-Heptacosanol	396	C27H56O	002004-39-9	94
5			Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.011	4.1	ng	111710	1	7.893	549764	20.0
n-Hexadecanoic ...	18.198	3.3	ng	239372	4	17.304	1442840	20.0
Adipic acid, 2-...	20.627	49.2	ng	3712980	5	21.404	1509110	20.0
Cyclopentadecane	21.121	4.0	ng	300920	5	21.404	1509110	20.0