

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
 Data File : BM042442.D
 Acq On : 25 Oct 2023 17:49
 Operator : MA/JU
 Sample : 04989-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TRENCHWAY-SOIL-PILE

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_M\Methods\8270-BM102123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM042442.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.069	315	320	331	rVB	405386	555428	7.58%	1.341%
2	5.522	390	397	407	rBV	2420002	3566112	48.66%	8.610%
3	7.145	664	673	686	rBV	2423082	3814486	52.05%	9.210%
4	7.992	809	817	827	rVB	589852	914653	12.48%	2.208%
5	9.186	1013	1020	1035	rBV	1450171	2414321	32.95%	5.829%
6	10.810	1289	1296	1303	rBV	726725	1231231	16.80%	2.973%
7	13.257	1706	1712	1721	rVB	3360019	4745132	64.75%	11.457%
8	13.480	1743	1750	1760	rBV	357475	538888	7.35%	1.301%
9	14.633	1939	1946	1953	rBV	1065546	1570587	21.43%	3.792%
10	16.127	2189	2200	2209	rBV	2910946	4068803	55.52%	9.824%
11	17.386	2408	2414	2419	rBV	1405924	1947942	26.58%	4.703%
12	17.427	2419	2421	2427	rVB	109048	130137	1.78%	0.314%
13	17.498	2428	2433	2441	rBV3	32379	78402	1.07%	0.189%
14	18.233	2552	2558	2569	rBV	1022086	1538890	21.00%	3.716%
15	19.392	2748	2755	2759	rBV4	67260	167234	2.28%	0.404%
16	19.439	2759	2763	2768	rVB	196811	265418	3.62%	0.641%
17	19.509	2770	2775	2791	rBV	467919	789185	10.77%	1.905%
18	19.803	2821	2825	2832	rVB	166002	225213	3.07%	0.544%
19	19.997	2852	2858	2866	rBV	6289243	7328224	100.00%	17.693%
20	21.221	3061	3066	3074	rBV2	371405	662680	9.04%	1.600%
21	21.562	3119	3124	3129	rBV	1735417	2304208	31.44%	5.563%
22	22.756	3323	3327	3333	rVB	186546	279766	3.82%	0.675%
23	24.027	3536	3543	3555	rVB	1098848	2280975	31.13%	5.507%

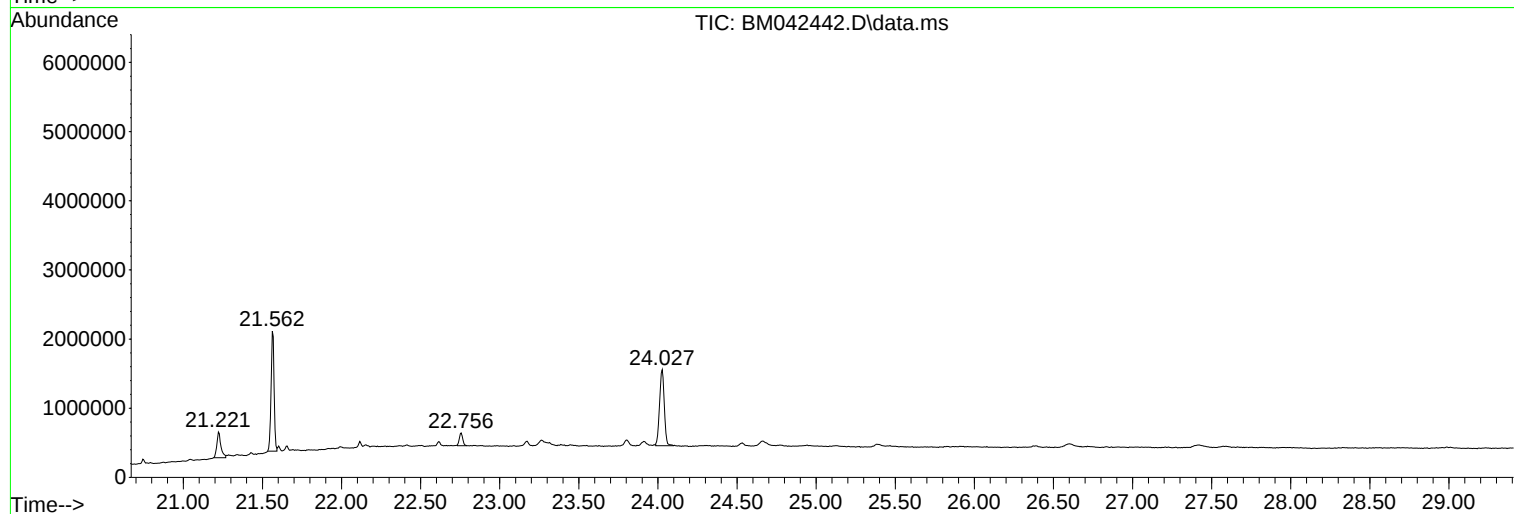
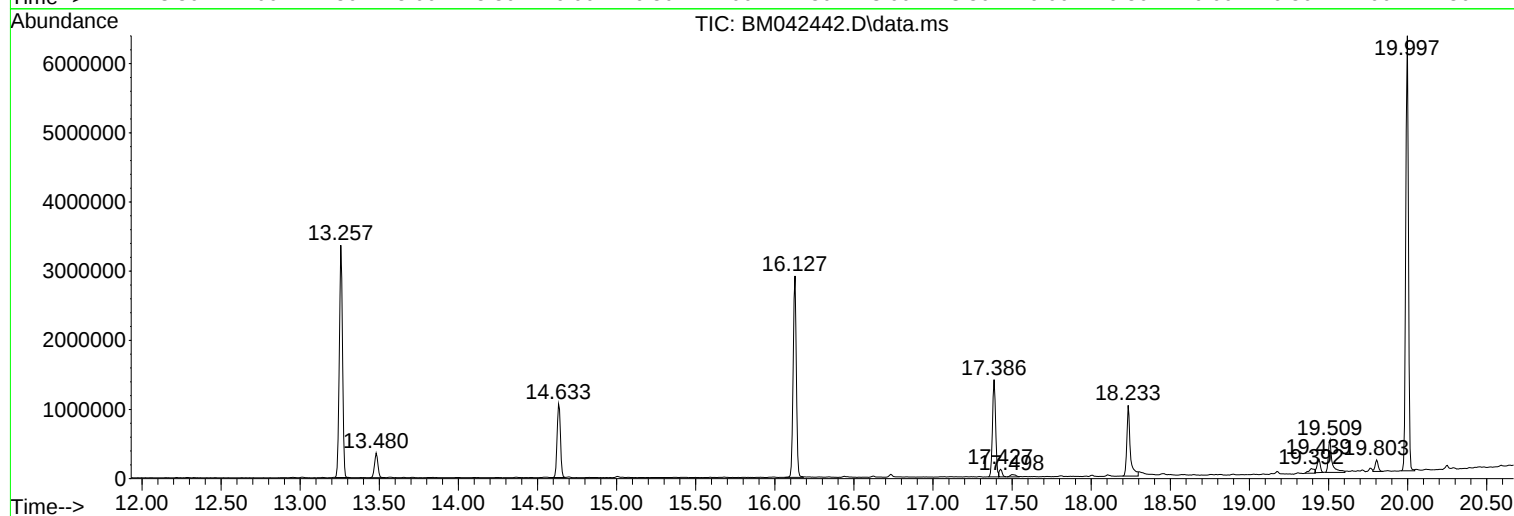
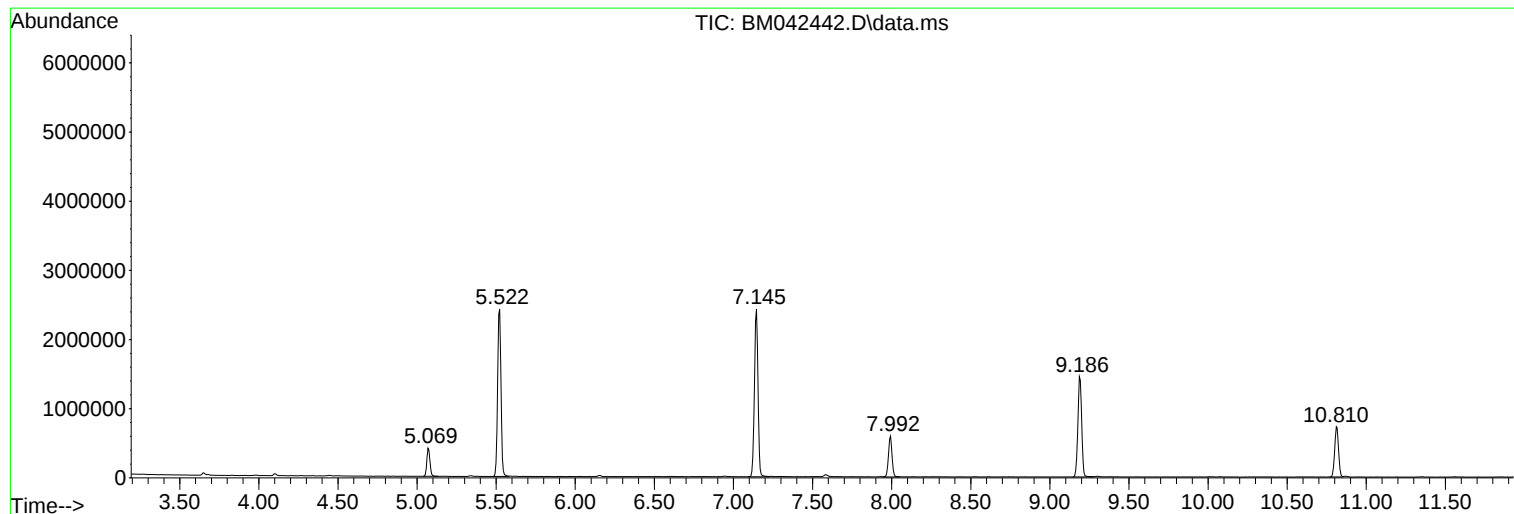
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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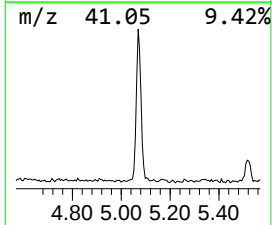
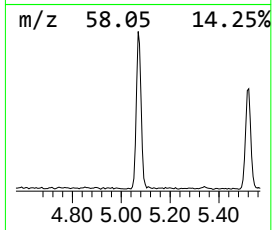
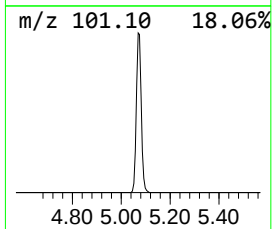
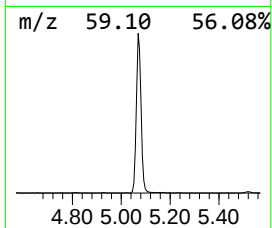
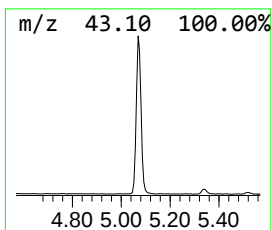
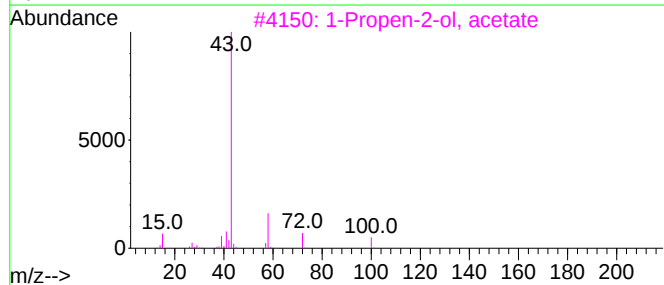
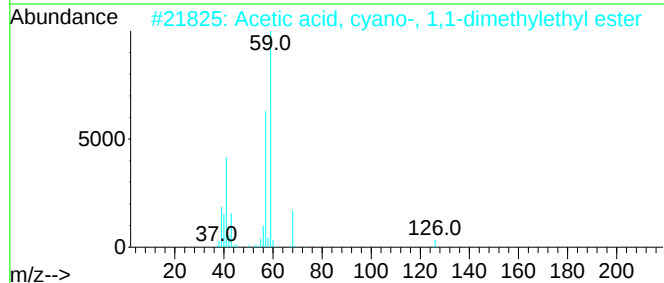
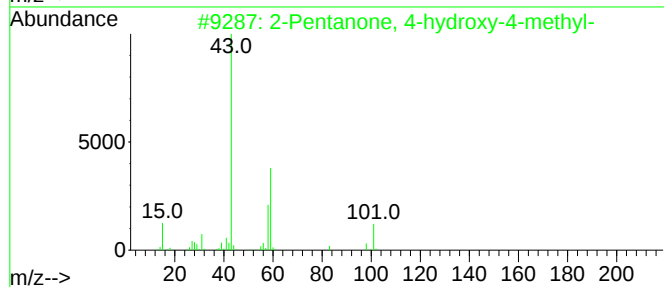
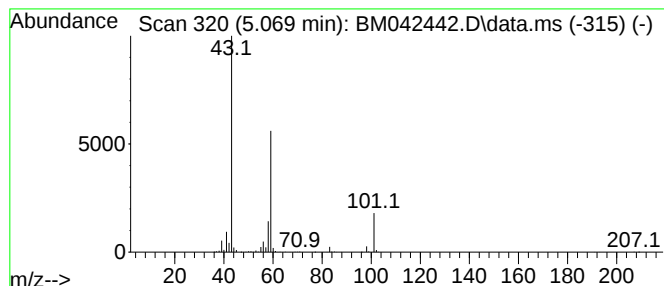
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.069	12.15 ng	555428	1,4-Dichlorobenzene-d4	7.992

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23		
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9		



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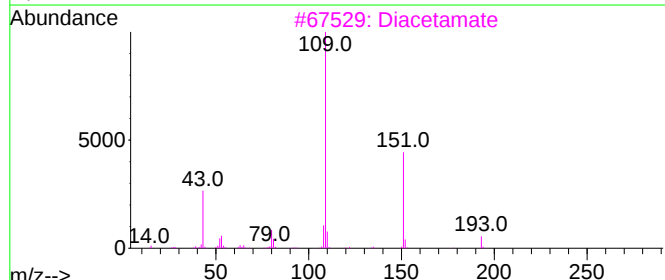
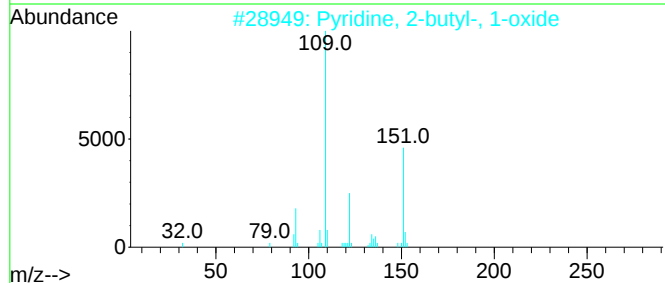
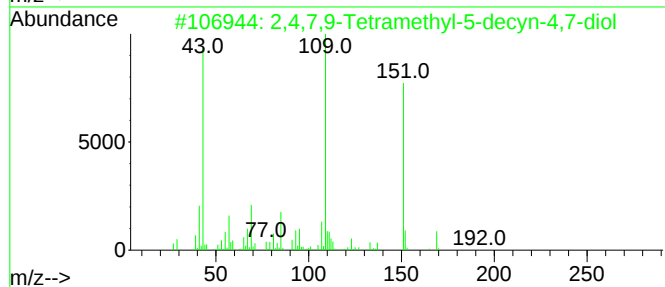
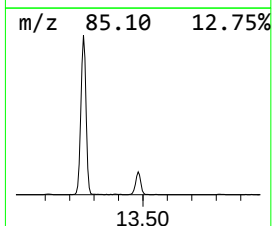
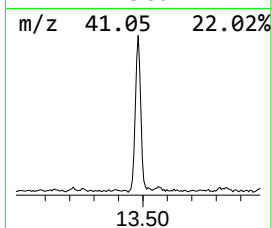
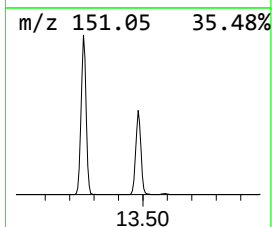
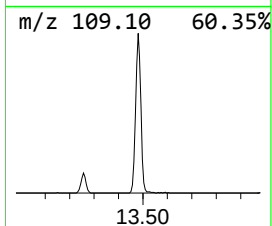
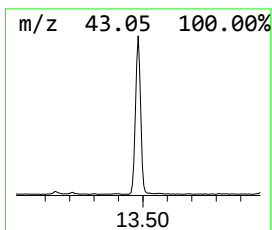
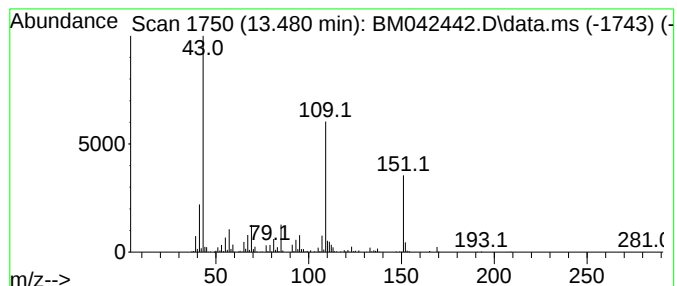
Instrument :
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Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.480	6.86 ng	538888	Acenaphthene-d10	14.633	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	87
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	53
3	Diacetamate	193	C10H11NO3	002623-33-8	47
4	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	45
5	7-Oxa-bicyclo[2.2.1]heptan-2-ol,...	254	C14H22O4	329362-13-2	45



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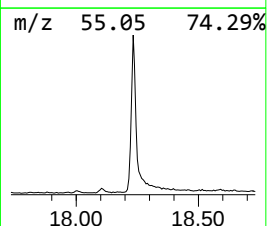
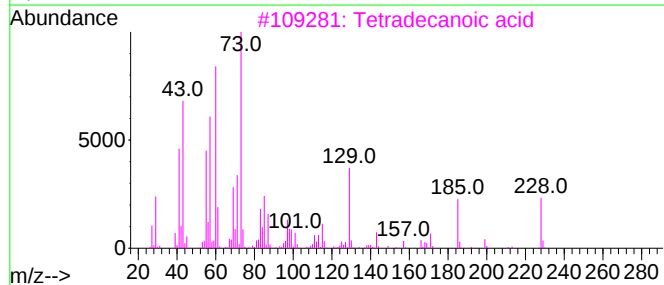
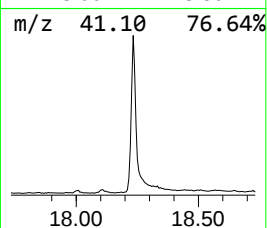
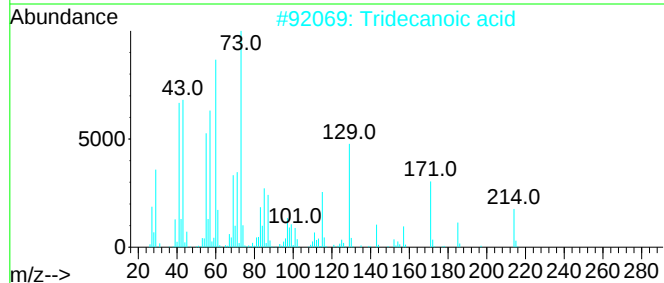
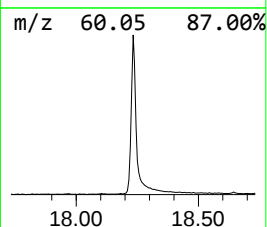
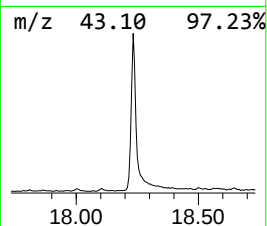
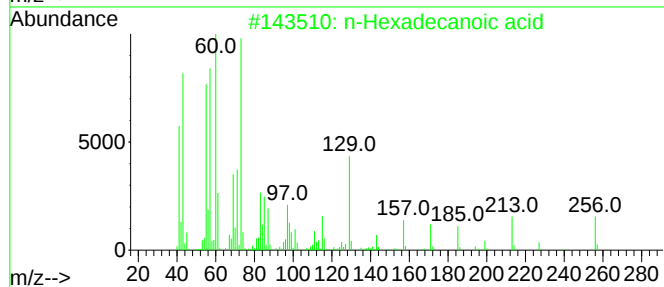
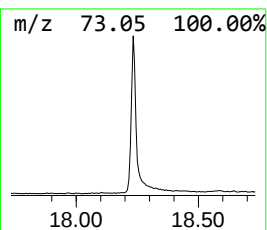
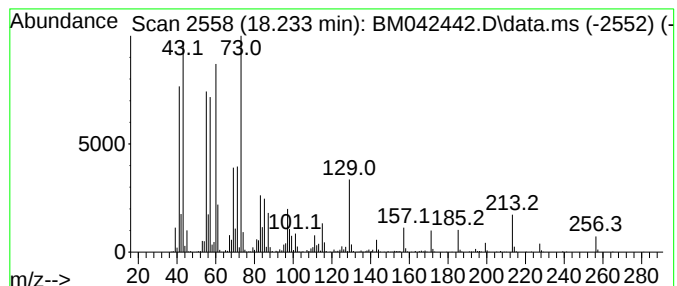
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	15.80 ng	1538890	Phenanthrene-d10	17.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	93
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	53



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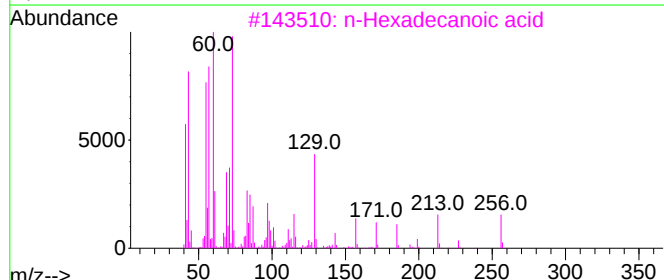
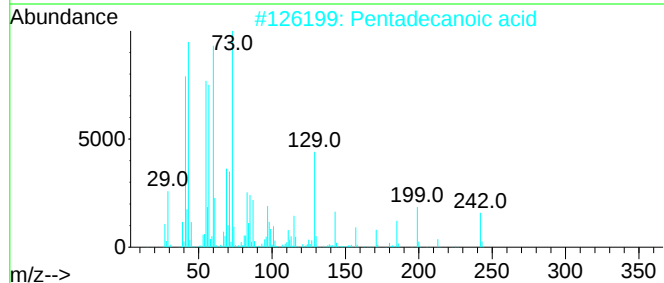
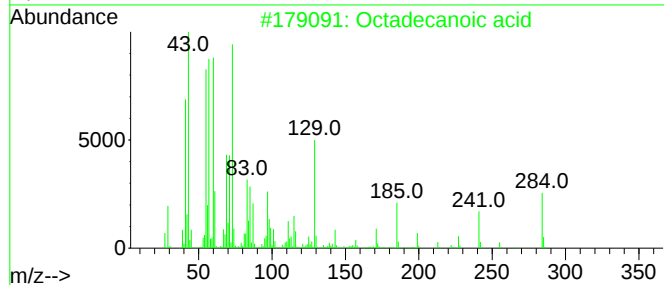
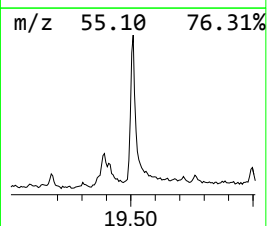
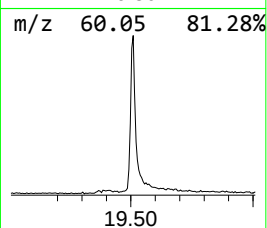
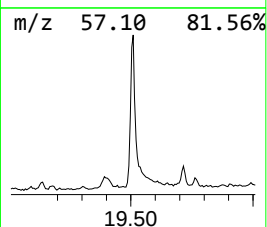
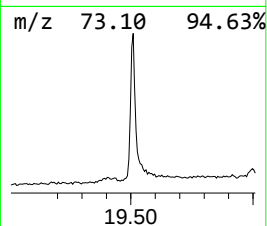
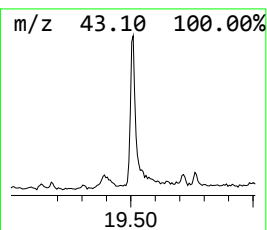
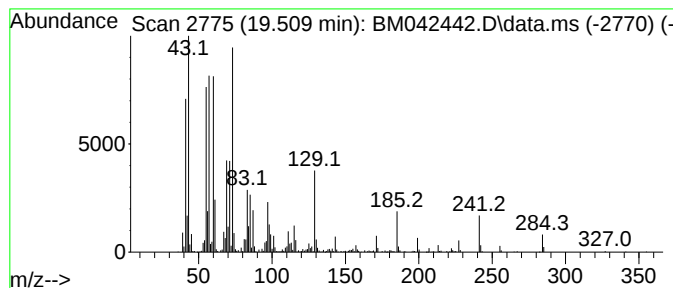
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Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.509	6.85 ng	789185	Chrysene-d12	21.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5			n-Decanoic acid	172	C10H20O2	000334-48-5	68



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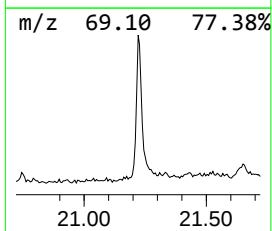
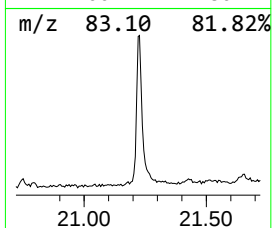
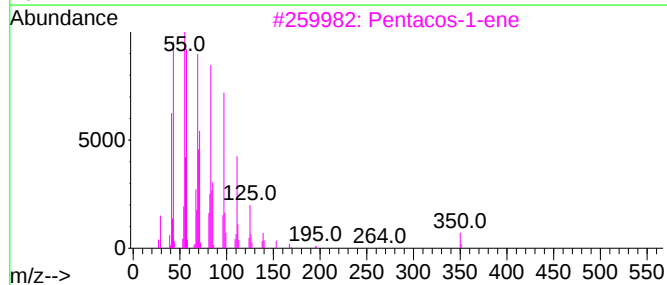
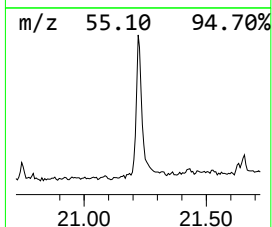
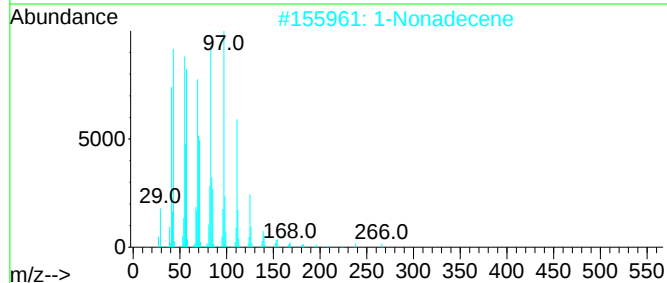
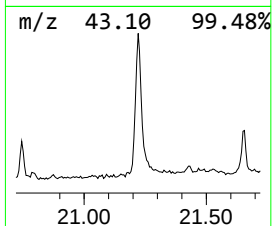
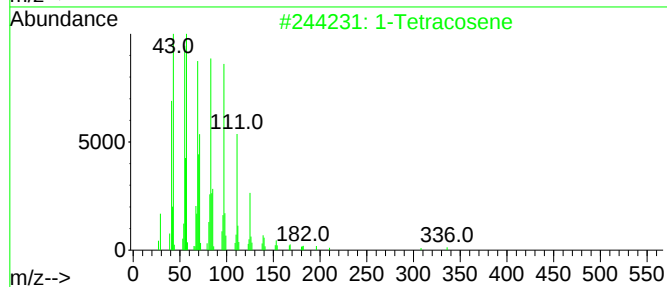
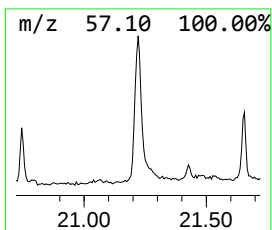
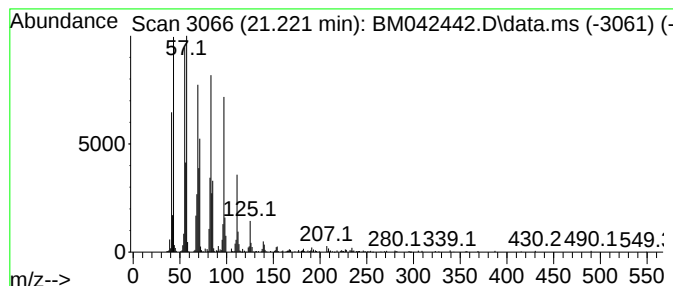
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Peak Number 5 1-Tetracosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.221	5.75 ng	662680	Chrysene-d12	21.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Tetracosene	336	C24H48	010192-32-2	91
2			1-Nonadecene	266	C19H38	018435-45-5	91
3			Pentacos-1-ene	350	C25H50	016980-85-1	91
4			1-Heneicosanol	312	C21H44O	015594-90-8	91
5			1-Hexacosene	364	C26H52	018835-33-1	91



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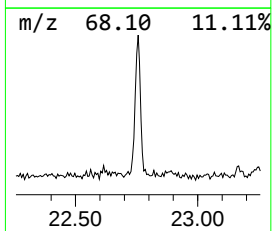
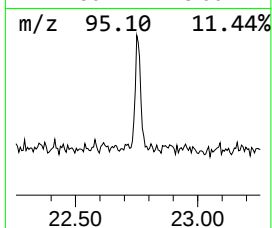
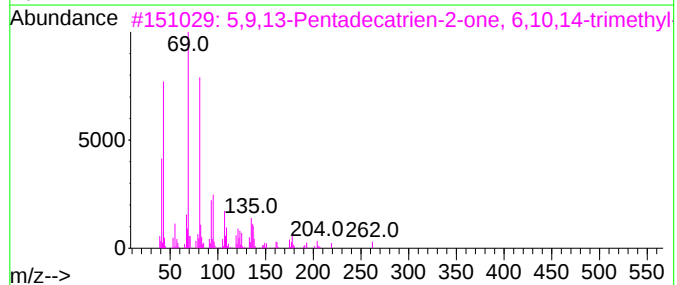
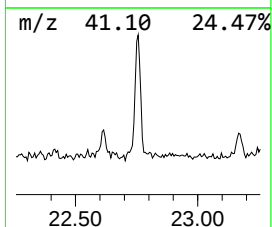
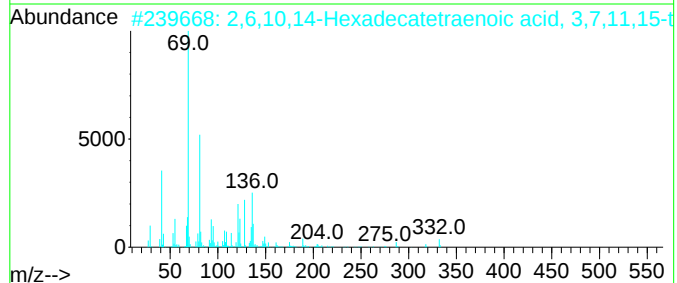
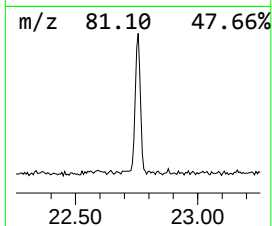
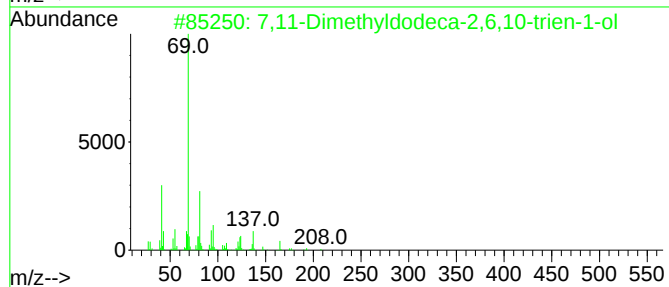
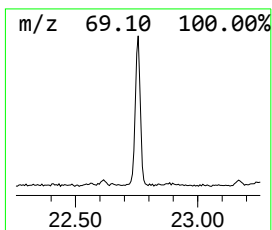
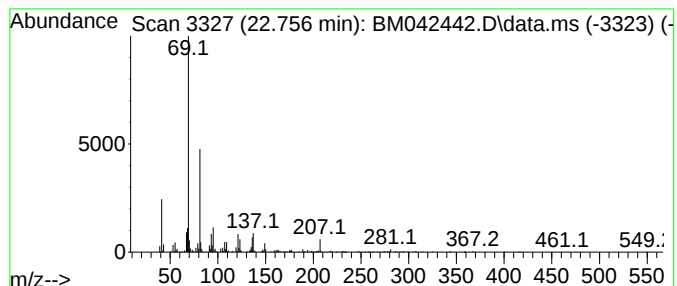
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 7,11-Dimethyldodeca-2,6,10-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.756	2.43 ng	279766	Chrysene-d12	21.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	80		
2	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72		
3	5,9,13-Pentadecatrien-2-one, 6,1...	262	C18H30O	001117-52-8	64		
4	6,11-Dimethyl-2,6,10-dodecatrien...	208	C14H24O	1000196-53-3	64		
5	3,7,11-Trimethyl-2,6,10-dodecatr...	217	C15H23N	029789-67-1	56		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
Data File : BM042442.D
Acq On : 25 Oct 2023 17:49
Operator : MA/JU
Sample : 04989-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TRENCHWAY-SOIL-PILE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.069	12.2	ng	555428	1	7.992	914653	20.0
2,4,7,9-Tetrame...	13.480	6.9	ng	538888	3	14.633	1570590	20.0
n-Hexadecanoic ...	18.233	15.8	ng	1538890	4	17.386	1947940	20.0
Octadecanoic acid	19.509	6.8	ng	789185	5	21.562	2304210	20.0
1-Tetracosene	21.221	5.8	ng	662680	5	21.562	2304210	20.0
7,11-Dimethyldo...	22.756	2.4	ng	279766	5	21.562	2304210	20.0