

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111422\
 Data File : BP012651.D
 Acq On : 14 Nov 2022 15:03
 Operator : CG/JU
 Sample : N5529-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NMS-SOIL-1108

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-BP111222.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP012651.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.834	308	314	324	rBV	553954	801561	9.13%	1.308%
2	5.293	386	392	411	rBV	3526685	5336274	60.81%	8.707%
3	6.899	657	665	681	rBV	3145766	5149479	58.69%	8.402%
4	7.705	795	802	811	rBV	776176	1258878	14.35%	2.054%
5	8.875	992	1001	1018	rBV	1984300	3462345	39.46%	5.649%
6	10.505	1268	1278	1293	rBV	943190	1622203	18.49%	2.647%
7	12.981	1689	1699	1714	rBV	4381037	6720377	76.59%	10.965%
8	14.093	1882	1888	1894	rBV	52400	95050	1.08%	0.155%
9	14.363	1928	1934	1941	rBV	1218254	1836690	20.93%	2.997%
10	15.869	2183	2190	2210	rBV	3660775	5505756	62.75%	8.983%
11	17.128	2399	2404	2408	rBV	1481467	2126742	24.24%	3.470%
12	17.169	2408	2411	2419	rVV	435555	623402	7.10%	1.017%
13	17.263	2422	2427	2433	rBV	160002	243203	2.77%	0.397%
14	18.028	2549	2557	2566	rBV2	614754	1182960	13.48%	1.930%
15	18.192	2580	2585	2589	rBV3	134086	217666	2.48%	0.355%
16	19.151	2743	2748	2754	rVB	1306209	1684096	19.19%	2.748%
17	19.263	2763	2767	2777	rBV2	332900	631323	7.19%	1.030%
18	19.475	2799	2803	2804	rBV	215467	236514	2.70%	0.386%
19	19.504	2804	2808	2817	rVB	1160147	1547847	17.64%	2.526%
20	19.704	2837	2842	2847	rVB	7266491	8774700	100.00%	14.317%
21	19.992	2888	2891	2896	rVB2	229596	292316	3.33%	0.477%
22	20.086	2904	2907	2912	rBV	159976	207938	2.37%	0.339%
23	20.445	2965	2968	2972	rBV	157055	181531	2.07%	0.296%
24	20.963	3053	3056	3063	rVB4	322748	503505	5.74%	0.822%
25	21.139	3084	3086	3091	rVB	208034	224105	2.55%	0.366%
26	21.233	3096	3102	3106	rVV2	2429421	3905145	44.50%	6.372%
27	21.269	3106	3108	3114	rVB	630293	717440	8.18%	1.171%
28	21.357	3119	3123	3127	rBV	1153872	1569987	17.89%	2.562%
29	22.845	3372	3376	3385	rBV2	768940	1989155	22.67%	3.246%
30	23.580	3495	3501	3507	rBV2	1345213	2640309	30.09%	4.308%

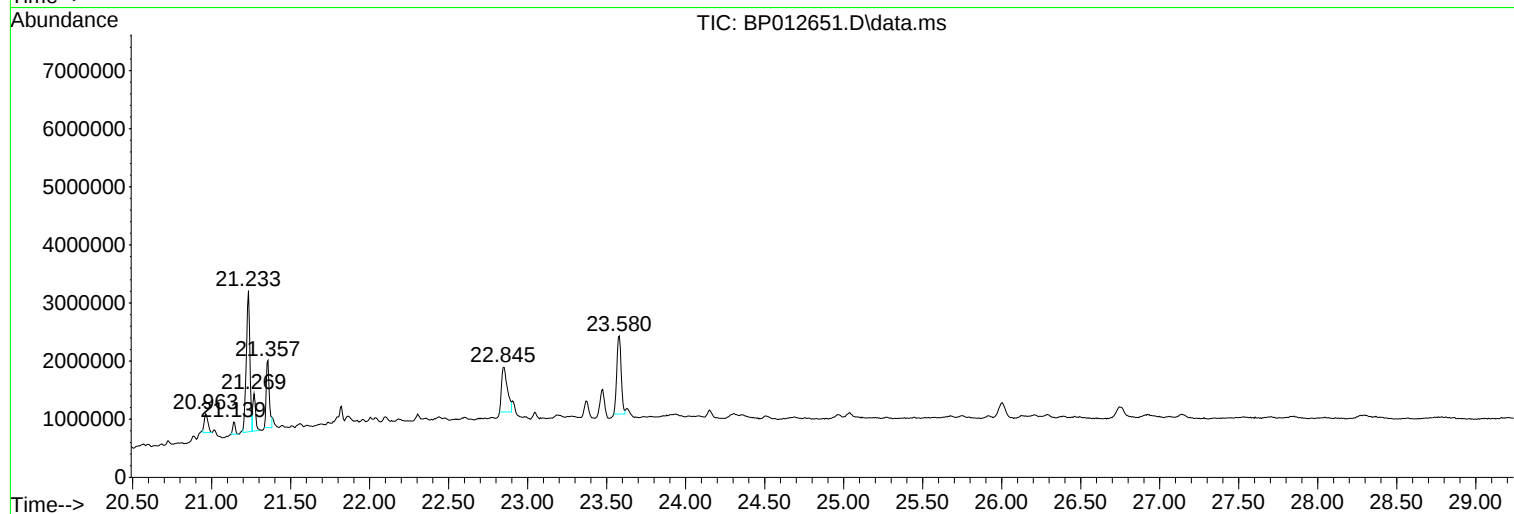
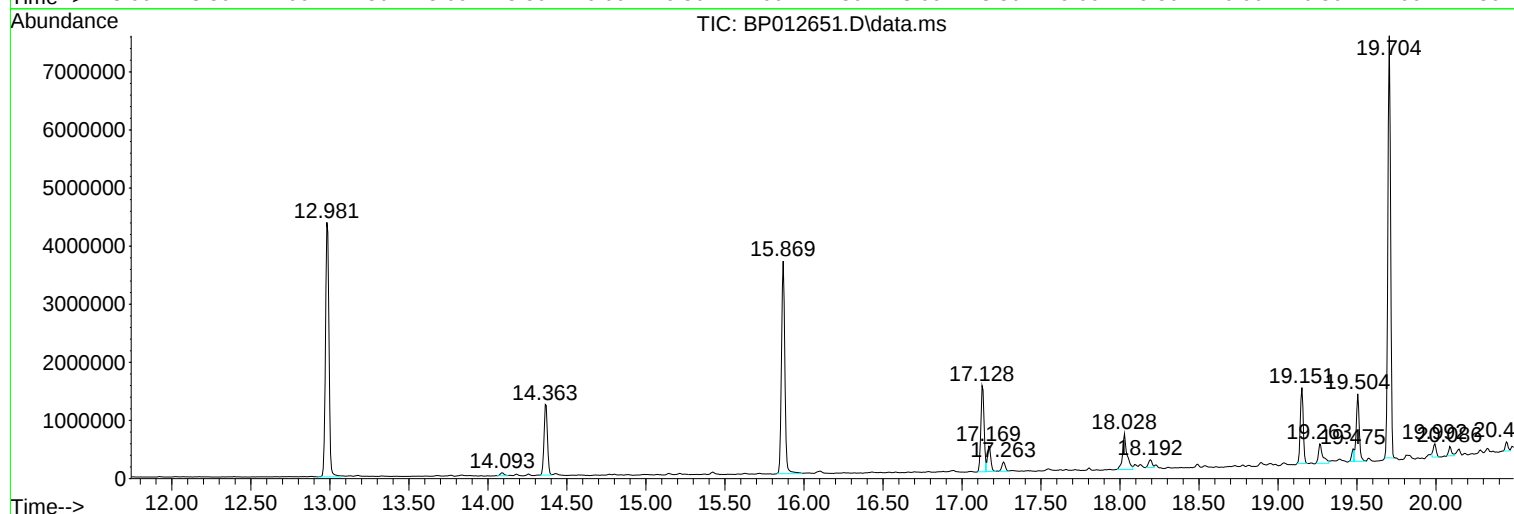
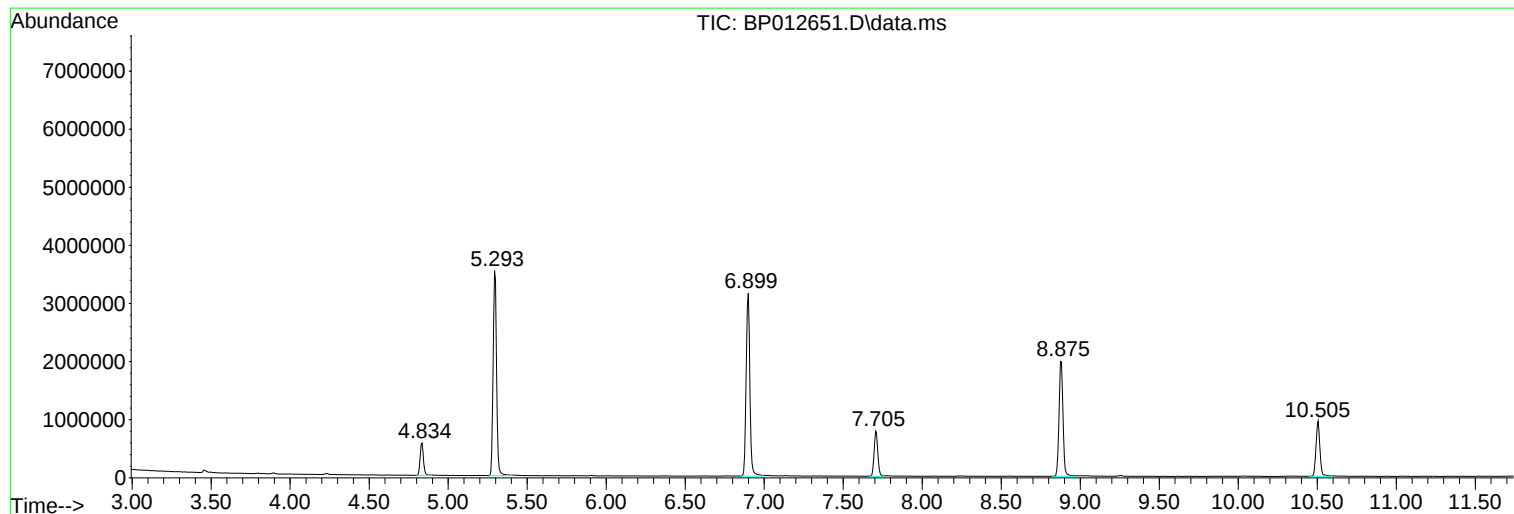
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BNA_P
ClientSampleId :
NMS-SOIL-1108

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111222.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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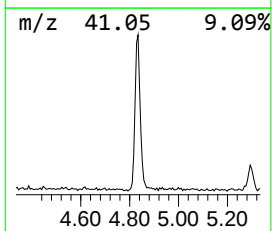
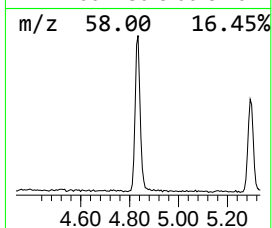
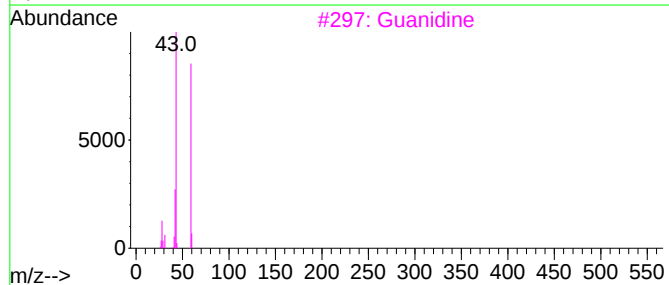
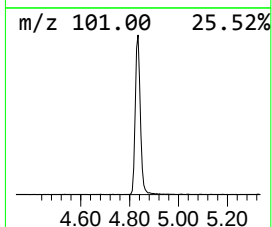
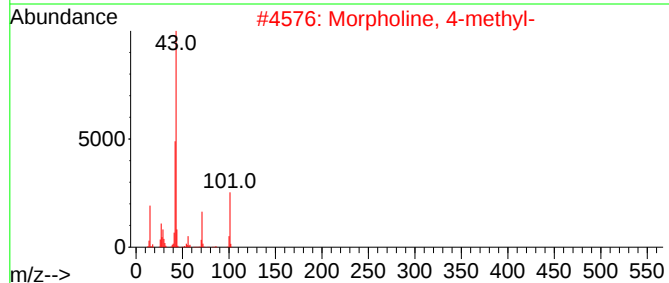
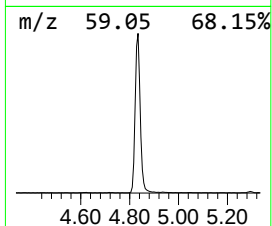
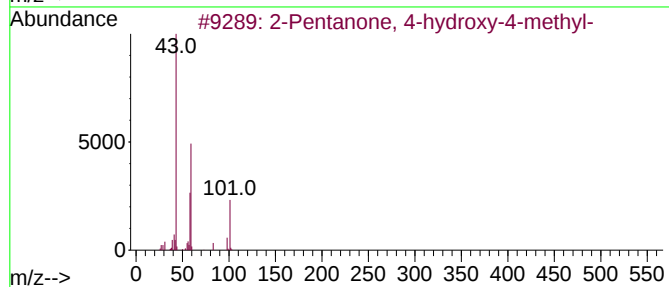
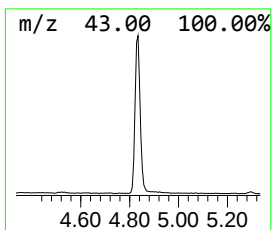
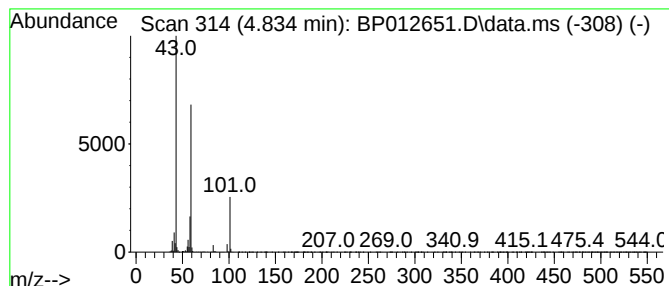
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.834	12.73 ng	801561	1,4-Dichlorobenzene-d4	7.705

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3			Guanidine	59	CH5N3	000113-00-8	9
4			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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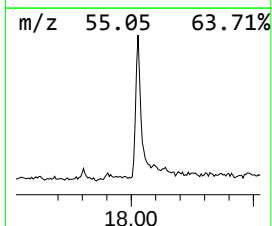
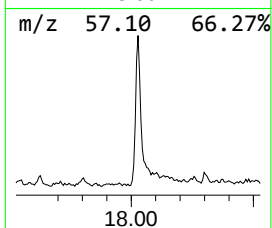
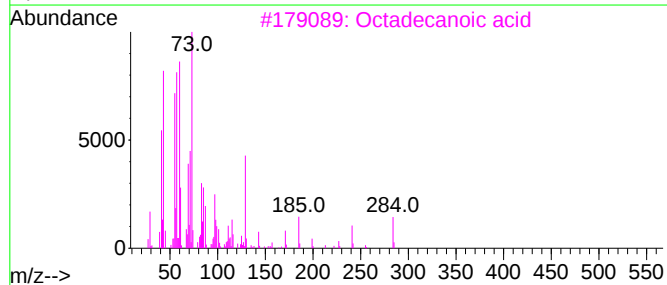
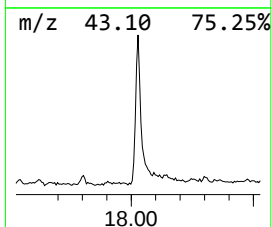
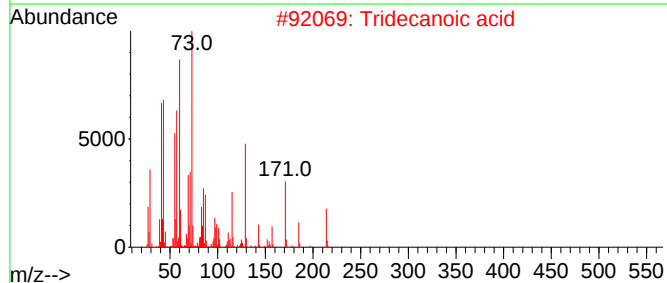
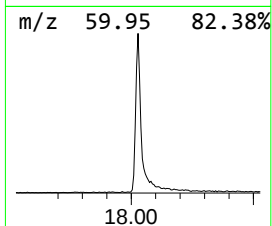
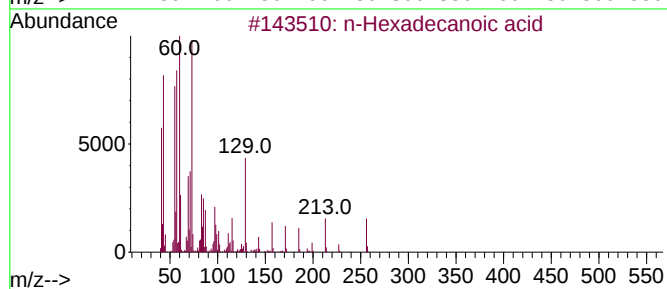
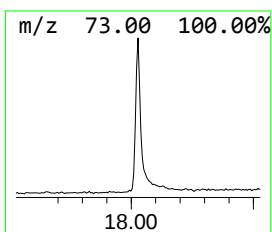
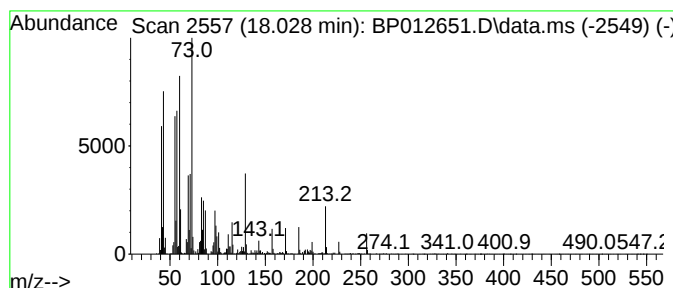
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.028	11.12 ng	1182960	Phenanthrene-d10	17.128	
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	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	90



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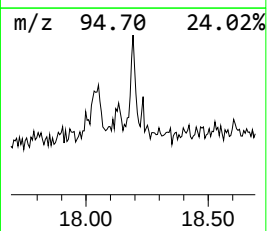
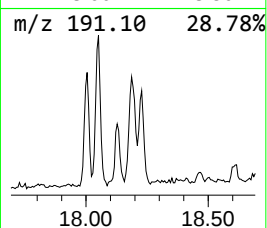
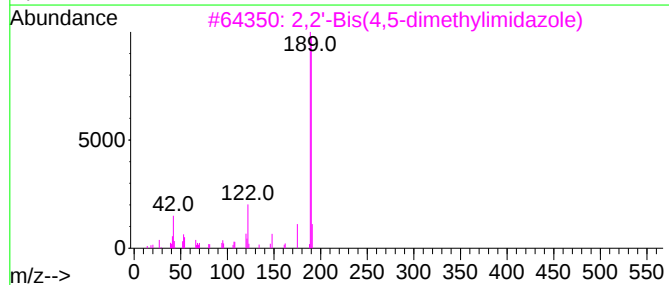
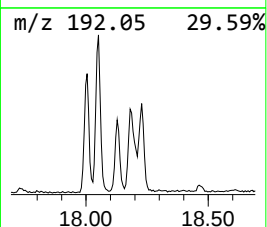
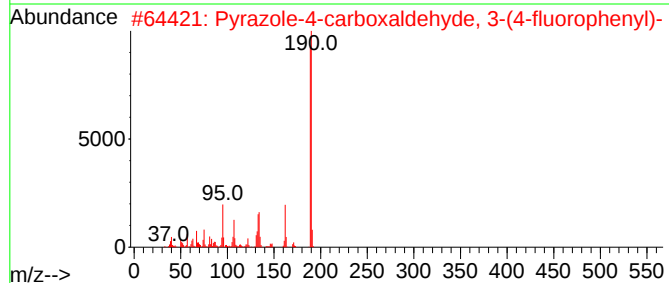
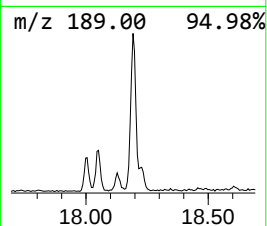
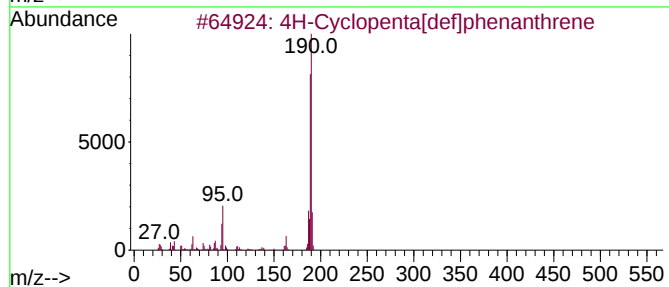
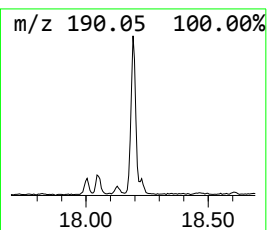
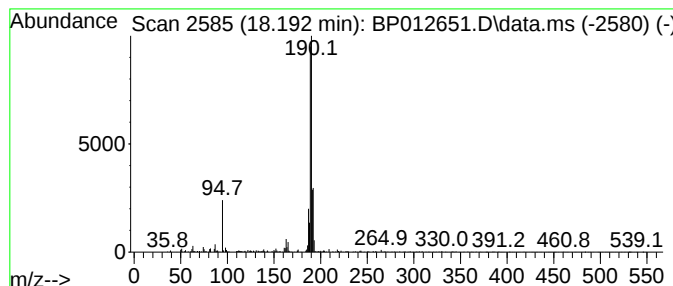
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	2.05 ng	217666	Phenanthrene-d10	17.128

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2			Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	58
3			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4			1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5			2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	16



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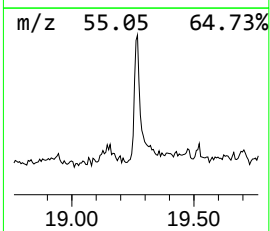
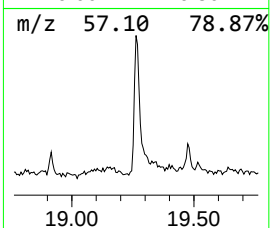
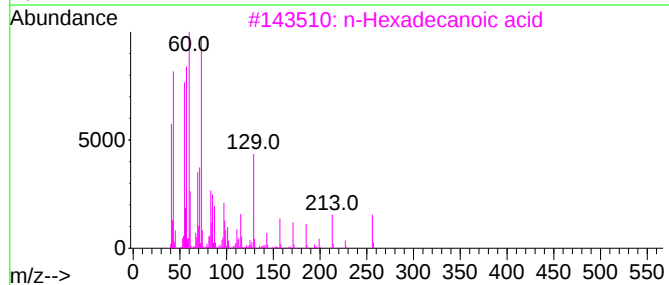
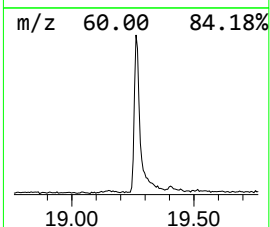
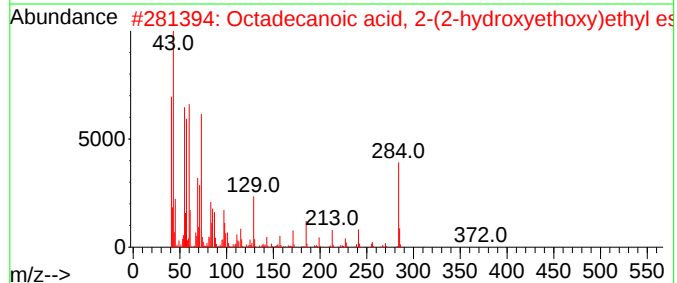
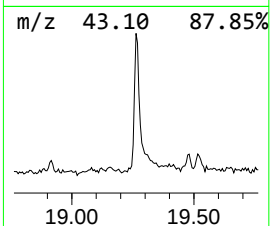
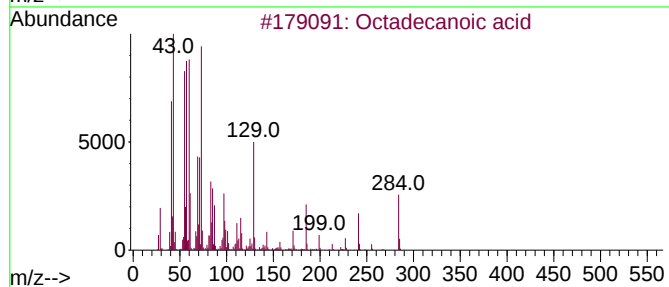
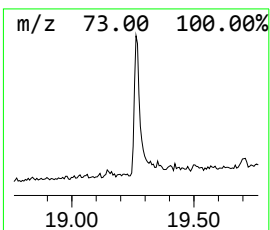
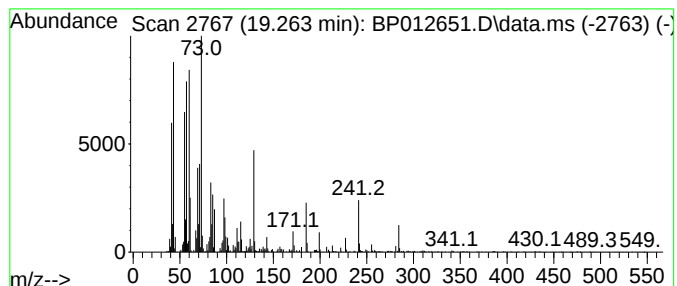
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.263	3.23 ng	631323	Chrysene-d12	21.233

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			n-Decanoic acid	172	C10H20O2	000334-48-5	78



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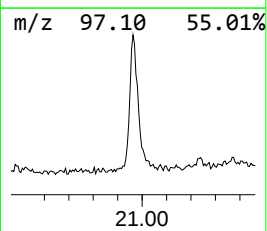
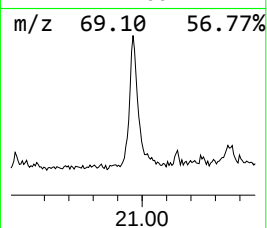
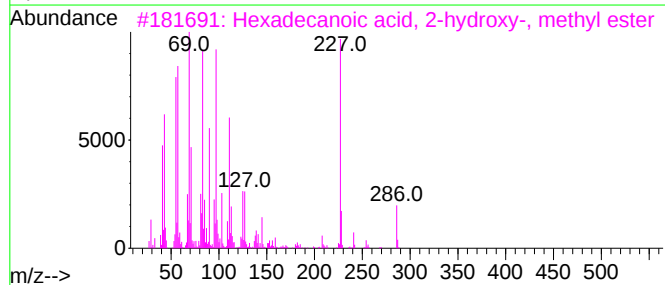
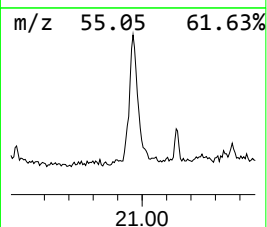
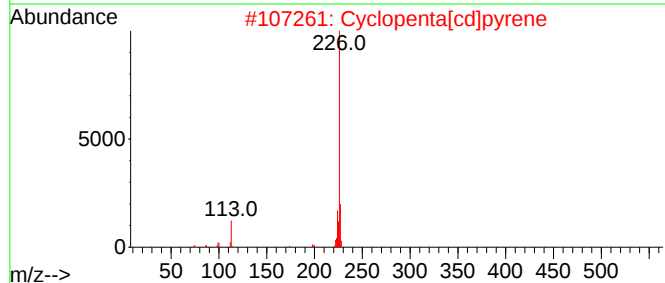
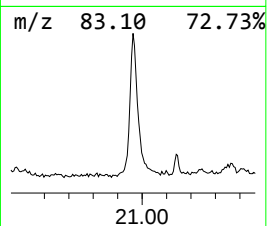
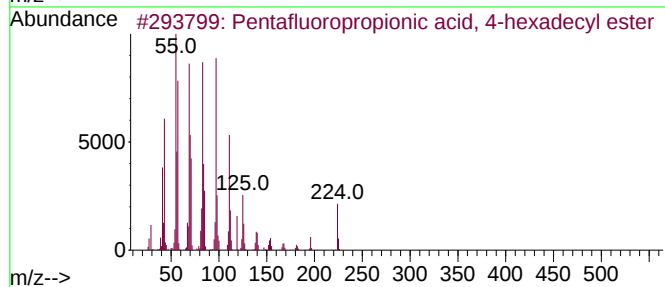
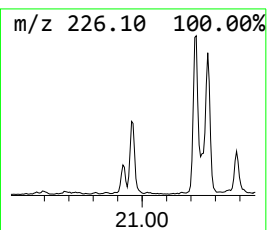
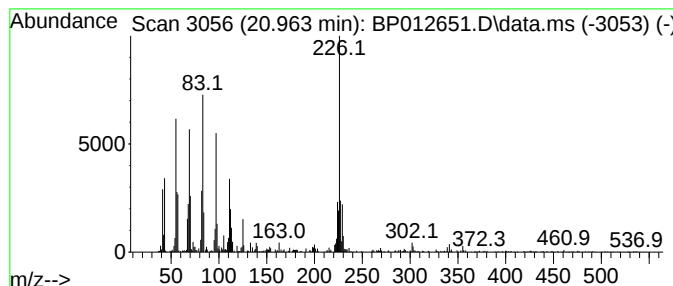
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 unknown20.963 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.963	2.58 ng	503505	Chrysene-d12	21.233

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentafluoropropionic acid, 4-hex...	388	C19H33F5O2	1000283-04-1	30
2			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	30
3			Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	27
4			Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	25
5			Trifluoroacetic acid,n-tridecyl ...	296	C15H27F3O2	053800-02-5	25



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NMS-SOIL-1108

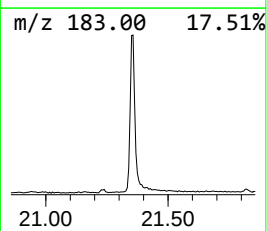
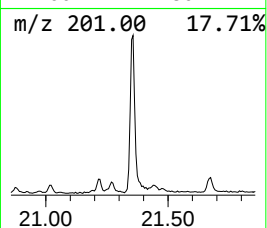
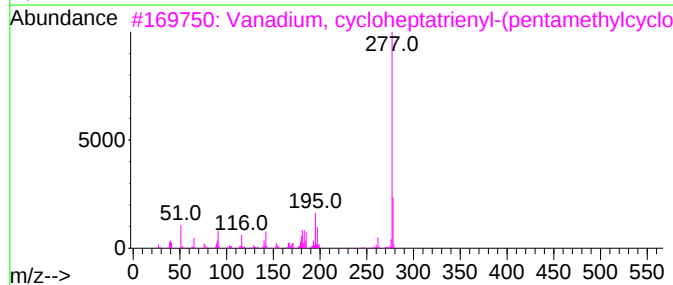
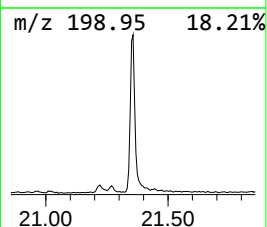
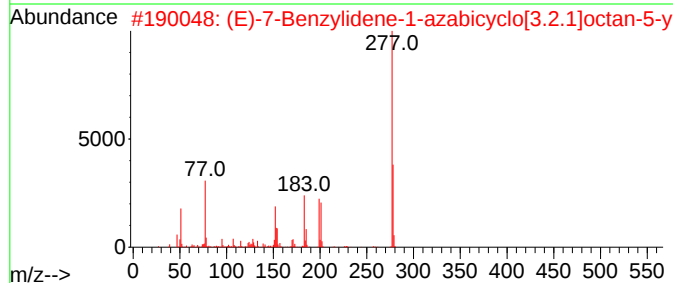
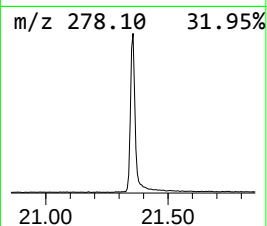
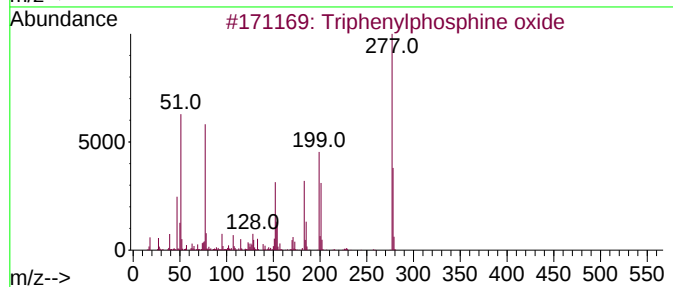
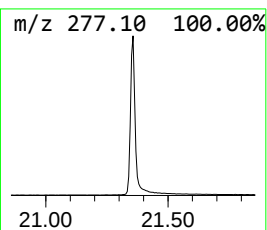
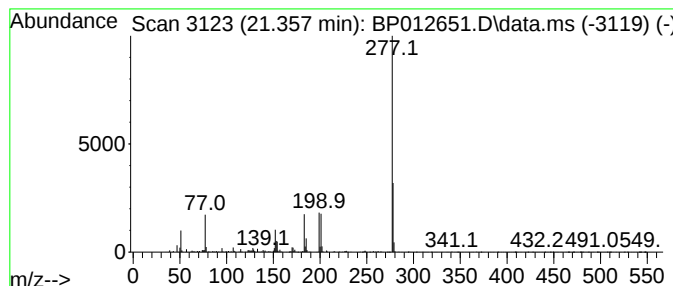
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Triphenylphosphine oxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.357	8.04 ng	1569990	Chrysene-d12	21.233

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylphosphine oxide	278	C18H15OP	000791-28-6	94
2			(E)-7-Benzylidene-1-azabicyclo[3...]	293	C15H19N03S	1000483-83-4	52
3			Vanadium, cycloheptatrienyl-(pen...]	277	C17H22V	1000155-20-5	42
4			Formaldehyde, (triphenylphosphor...]	304	C19H17N2P	015990-54-2	38
5			5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	28



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111422\
Data File : BP012651.D
Acq On : 14 Nov 2022 15:03
Operator : CG/JU
Sample : N5529-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111222.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-...	4.834	12.7	ng	801561	1	7.705	1258880	20.0
n-Hexadecanoic ...	18.028	11.1	ng	1182960	4	17.128	2126740	20.0
4H-Cyclopenta[d]...	18.192	2.0	ng	217666	4	17.128	2126740	20.0
Octadecanoic acid	19.263	3.2	ng	631323	5	21.233	3905150	20.0
unknown20.963	20.963	2.6	ng	503505	5	21.233	3905150	20.0
Triphenylphosph...	21.357	8.0	ng	1569990	5	21.233	3905150	20.0