

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
 Data File : BP002341.D
 Acq On : 01 Jun 2020 16:18
 Operator : CG/JU
 Sample : L2745-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NM81-COMP-2020-0-6

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_P\METHODS\8270-BP052720.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	5.228	391	398	415	rBV	4732372	7067361	51.11%	6.024%
2	6.799	657	665	679	rBV	4858585	7919252	57.27%	6.750%
3	7.610	795	803	812	rBV	1098175	1738536	12.57%	1.482%
4	7.928	849	857	867	rBV	4292346	6990091	50.55%	5.958%
5	8.752	985	997	1011	rBV	3401855	5711377	41.30%	4.868%
6	10.381	1266	1274	1281	rBV	1512224	2489479	18.00%	2.122%
7	12.257	1587	1593	1601	rBV2	307371	478794	3.46%	0.408%
8	12.875	1690	1698	1714	rBV	7438649	11775260	85.15%	10.037%
9	13.181	1742	1750	1757	rBV	1517483	2401724	17.37%	2.047%
10	13.716	1834	1841	1849	rBV	427348	615588	4.45%	0.525%
11	14.257	1926	1933	1939	rBV	2176469	3245485	23.47%	2.766%
12	15.416	2125	2130	2137	rBV	658408	875966	6.33%	0.747%
13	15.757	2180	2188	2196	rBV	5297124	8301659	60.03%	7.076%
14	17.010	2396	2401	2405	rVV	2641160	3832335	27.71%	3.267%
15	17.051	2405	2408	2414	rVB	1008158	1396401	10.10%	1.190%
16	17.145	2419	2424	2430	rVB	334209	461258	3.34%	0.393%
17	17.422	2466	2471	2476	rBV	97983	181380	1.31%	0.155%
18	17.822	2534	2539	2544	rBV3	86139	173643	1.26%	0.148%
19	17.886	2545	2550	2555	rVV2	369374	626025	4.53%	0.534%
20	17.945	2555	2560	2567	rVV2	710159	1210458	8.75%	1.032%
21	18.010	2568	2571	2576	rVV2	118023	226163	1.64%	0.193%
22	18.075	2578	2582	2586	rVV2	269054	476352	3.44%	0.406%
23	18.116	2586	2589	2595	rVB	116629	157451	1.14%	0.134%
24	18.380	2630	2634	2636	rBV	112300	143438	1.04%	0.122%
25	18.780	2698	2702	2708	rBV3	294015	438824	3.17%	0.374%
26	19.039	2741	2746	2751	rVV	2127553	2828015	20.45%	2.411%
27	19.092	2751	2755	2761	rVB2	314829	376722	2.72%	0.321%
28	19.386	2797	2805	2814	rBV	1970665	3194375	23.10%	2.723%
29	19.604	2836	2842	2852	rVB	10107334	13828548	100.00%	11.788%
30	19.880	2885	2889	2895	rVB2	268945	457633	3.31%	0.390%
31	19.975	2902	2905	2909	rBV2	201014	239159	1.73%	0.204%
32	20.027	2911	2914	2918	rVB2	179081	236541	1.71%	0.202%
33	20.210	2942	2945	2949	rBV	115550	166721	1.21%	0.142%
34	20.810	3044	3047	3049	rBV	138283	156899	1.13%	0.134%

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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\8270-BP052720.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.857	3049	3055	3060	rBV3	1167956	1819023	13.15%	1.551%
36	21.116	3092	3099	3103	rBV2	3262449	5698813	41.21%	4.858%
37	21.151	3103	3105	3112	rVB	1063587	1212888	8.77%	1.034%
38	21.739	3202	3205	3210	rVB2	518905	640725	4.63%	0.546%
39	22.421	3318	3321	3331	rVB	403141	591975	4.28%	0.505%
40	22.668	3358	3363	3366	rBV	888526	1733699	12.54%	1.478%
41	22.704	3366	3369	3373	rVV	1271277	2131682	15.42%	1.817%
42	22.739	3373	3375	3386	rVB2	997926	1479155	10.70%	1.261%
43	23.133	3439	3442	3451	rVB	582543	1006509	7.28%	0.858%
44	23.227	3454	3458	3463	rBV	734327	1226391	8.87%	1.045%
45	23.327	3470	3475	3481	rBV	1802216	3084386	22.30%	2.629%
46	23.927	3572	3577	3584	rVB	1071825	1953373	14.13%	1.665%
47	23.998	3585	3589	3603	rVB	675609	1329882	9.62%	1.134%
48	25.551	3847	3853	3867	rVB3	1056473	2987936	21.61%	2.547%

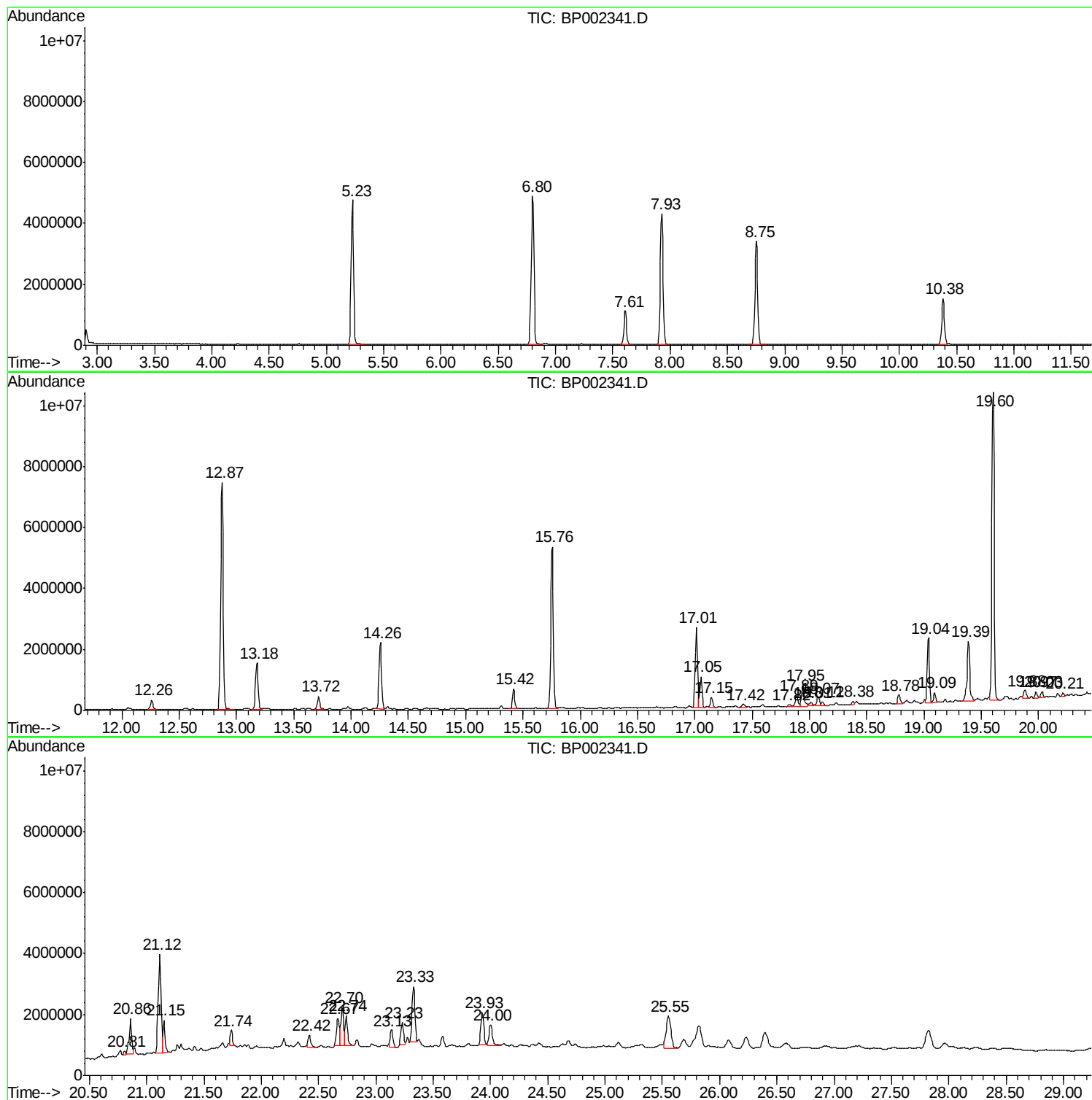
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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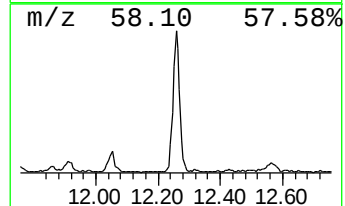
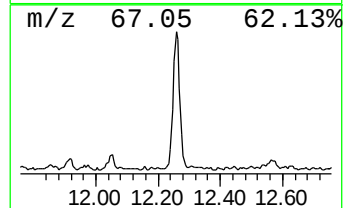
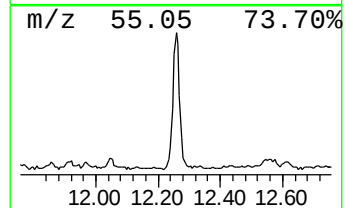
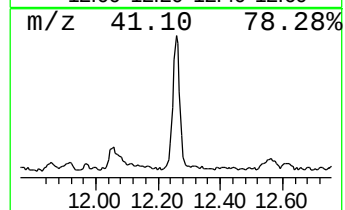
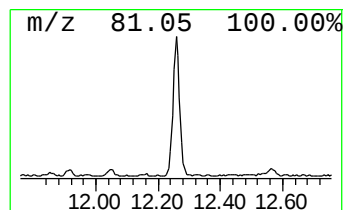
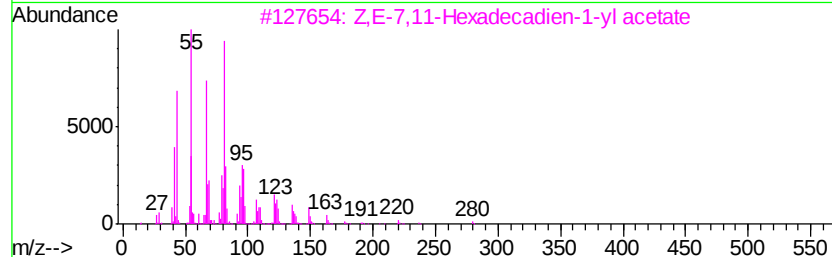
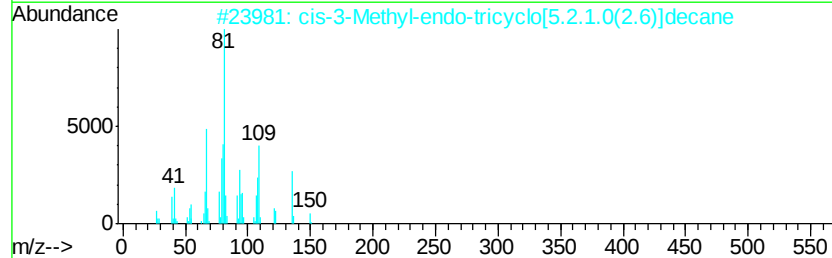
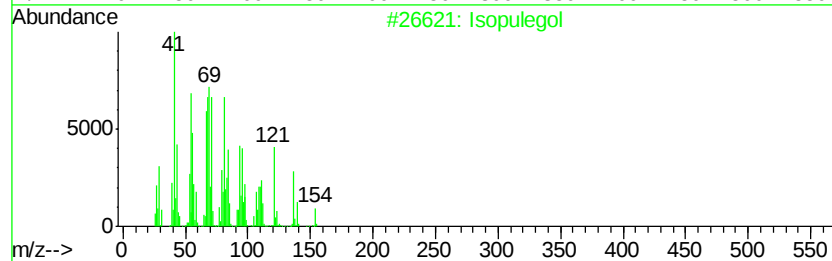
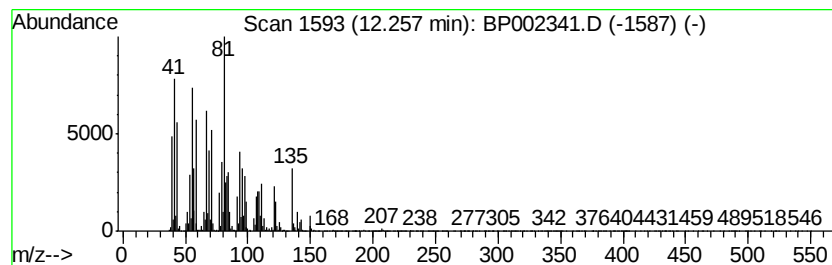
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 2 unknown12.26 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	3.85 ng	478794	Naphthalene-d8	10.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopulegol	154	C10H18O	000089-79-2	43
2		cis-3-Methyl-endo-tricyclo[5.2.1...	150	C11H18	1000215-29-0	43
3		Z,E-7,11-Hexadecadien-1-yl acetate	280	C18H32O2	051607-94-4	41
4		5-Nonadecen-1-ol	282	C19H38O	1000131-11-9	27
5		4-Ethylcyclohexanol	128	C8H16O	004534-74-1	27



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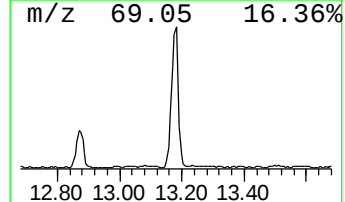
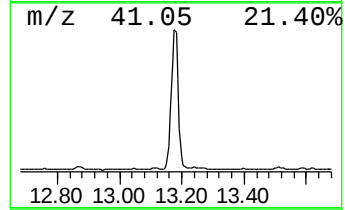
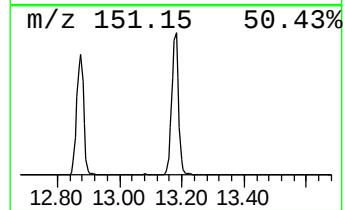
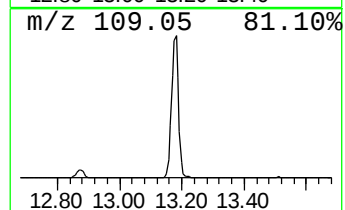
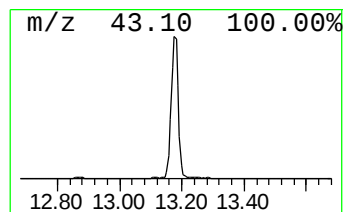
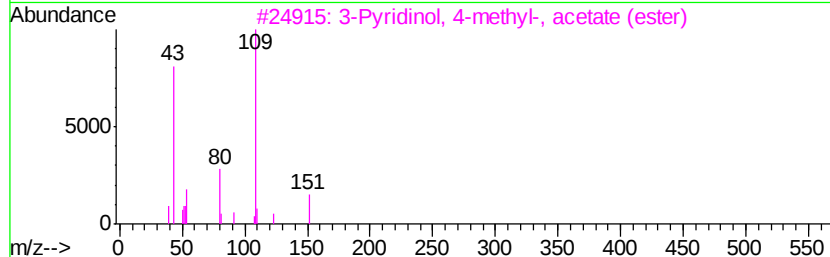
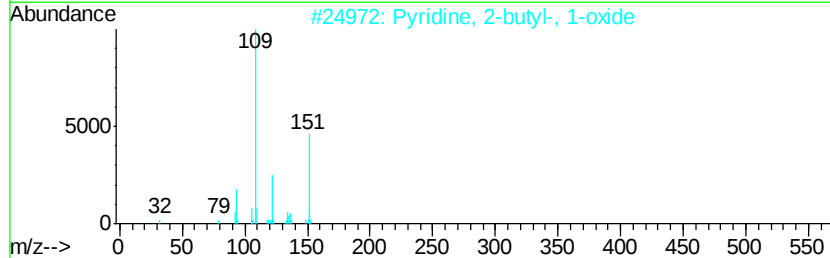
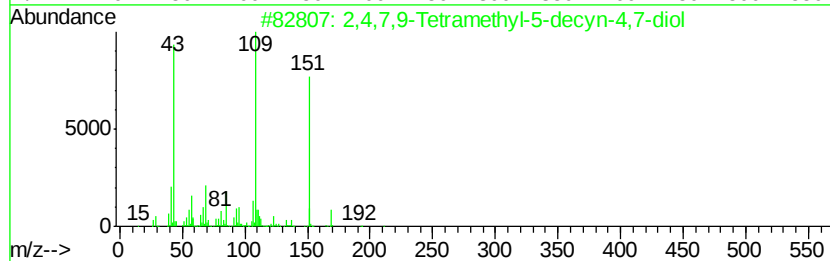
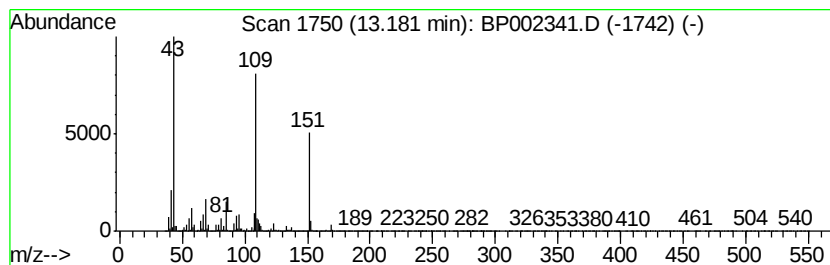
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	14.80 ng	2401720	Acenaphthene-d10	14.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2		Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
3		3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	59
4		Metacetamol	151	C8H9NO2	000621-42-1	59
5		1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	43



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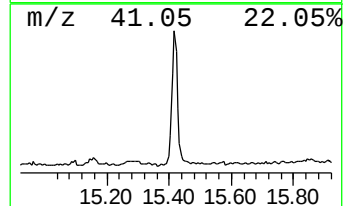
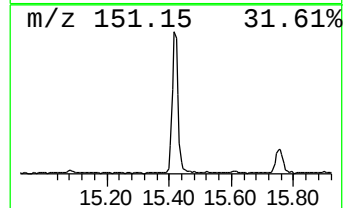
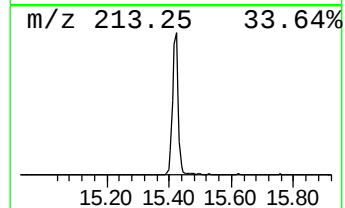
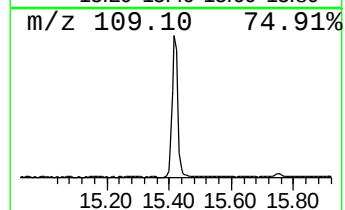
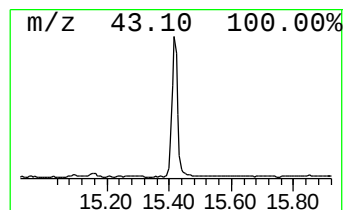
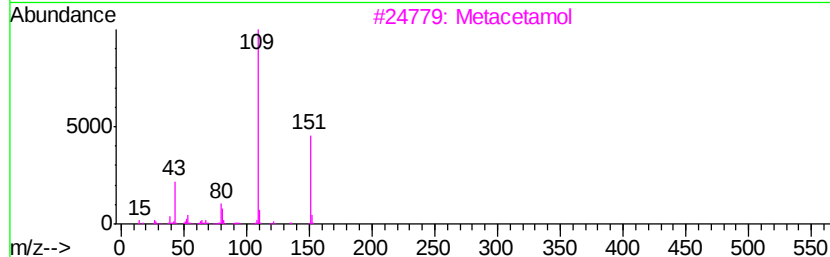
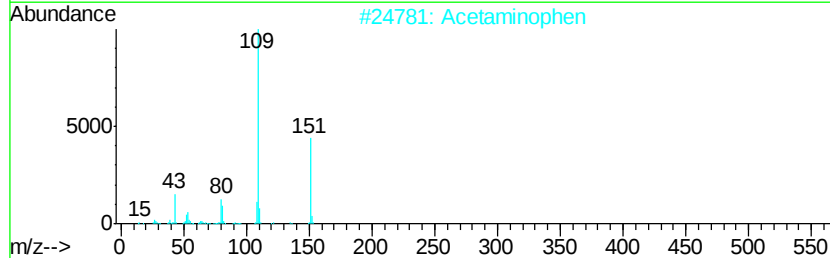
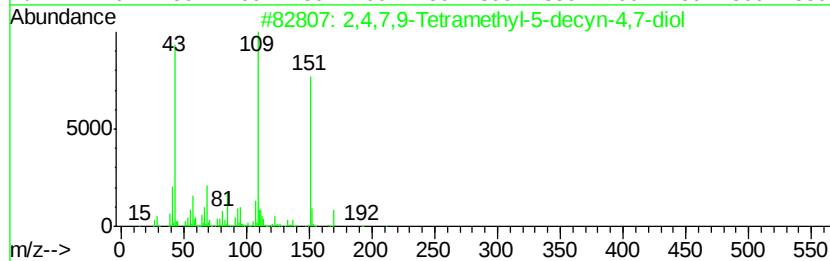
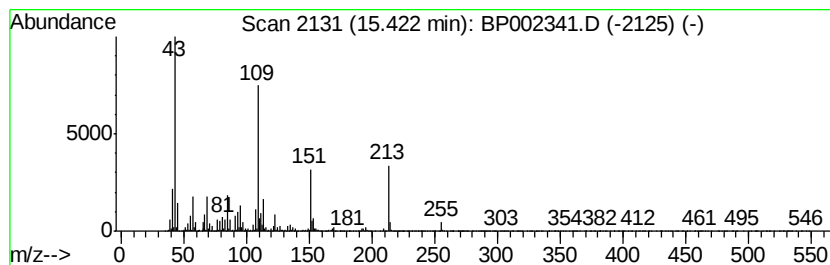
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown15.42 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.42	5.40 ng	875966	Acenaphthene-d10	14.26	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	64
2	Acetaminophen	151	C8H9NO2	000103-90-2	46
3	Metacetamol	151	C8H9NO2	000621-42-1	46
4	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	43
5	(7,7-Dimethyl-2-oxobicyclo[2.2.1...	250	C10H15ClO3S	1000194-76-1	40



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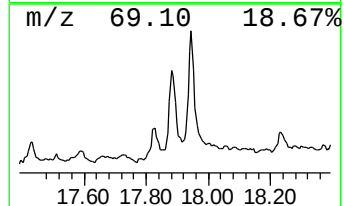
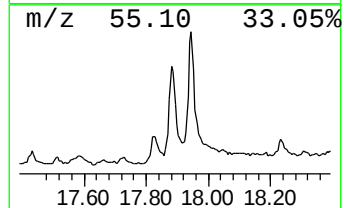
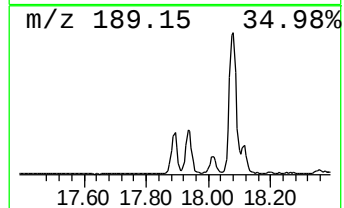
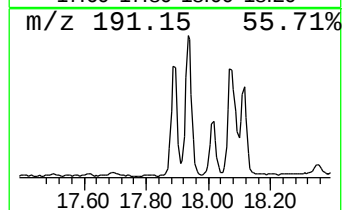
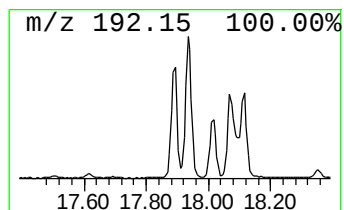
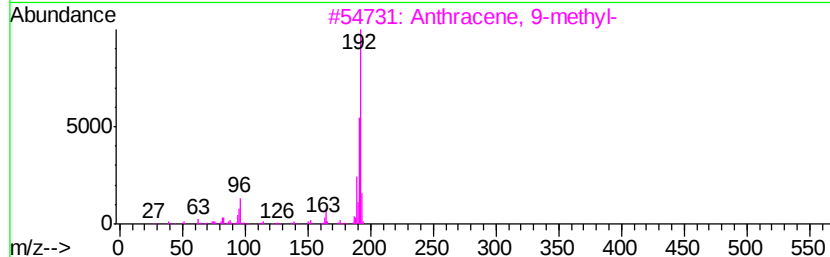
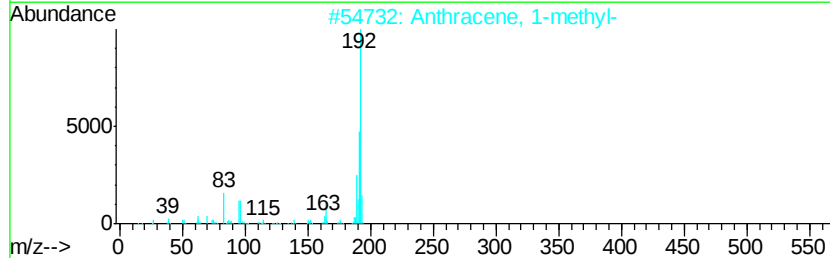
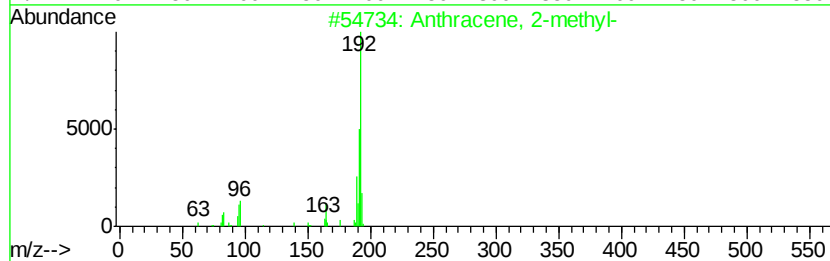
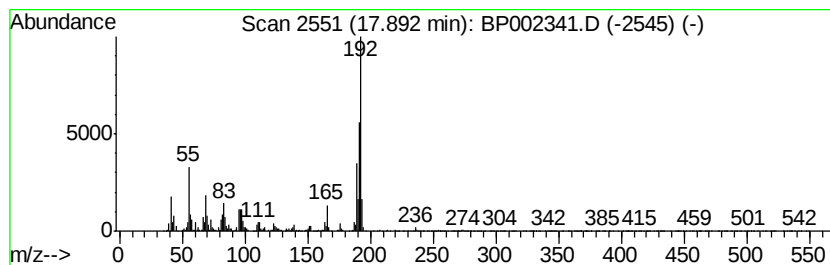
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.89	3.27 ng	626025	Phenanthrene-d10	17.01	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95



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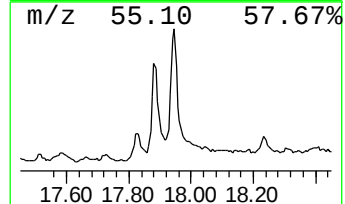
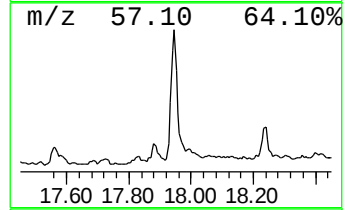
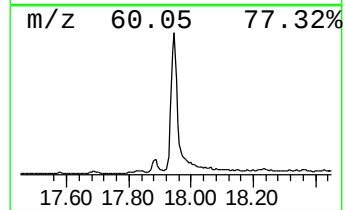
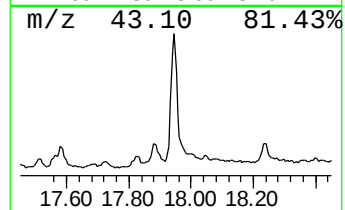
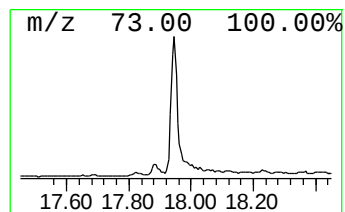
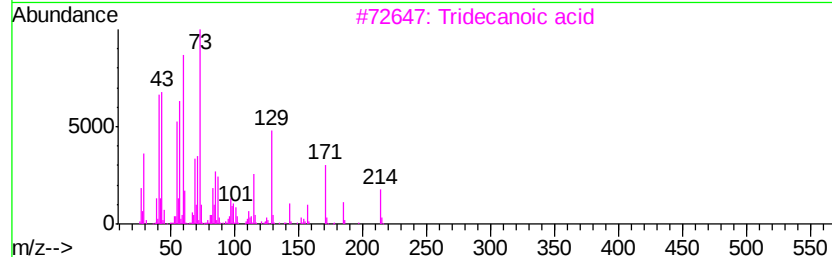
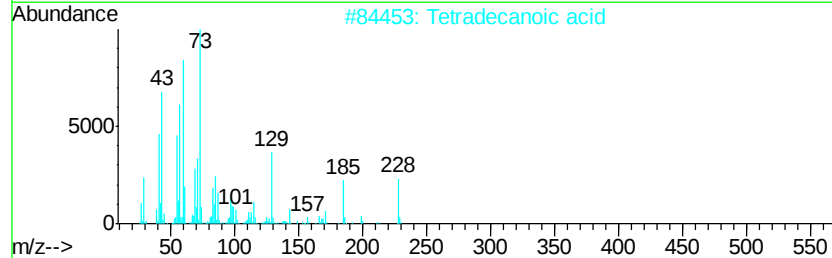
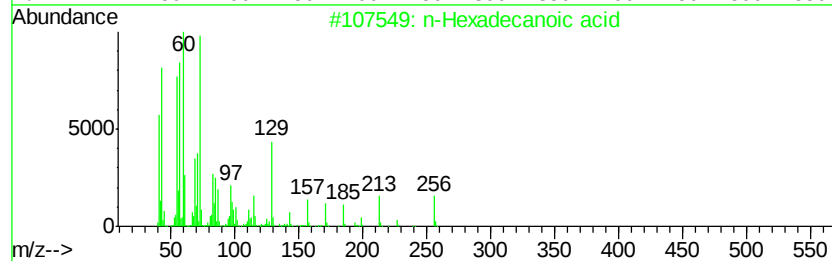
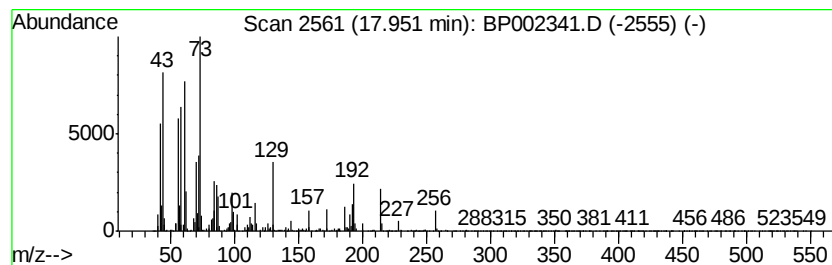
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	6.32 ng	1210460	Phenanthrene-d10	17.01

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	92
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		Octadecanoic acid	284	C18H36O2	000057-11-4	70
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
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Acq On : 01 Jun 2020 16:18
Operator : CG/JU
Sample : L2745-04
Misc :
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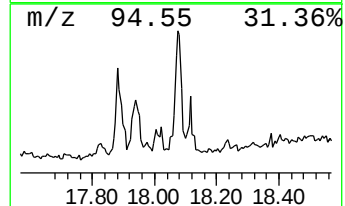
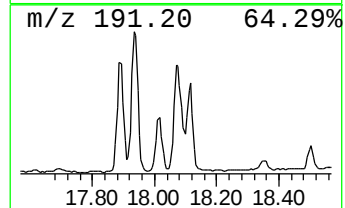
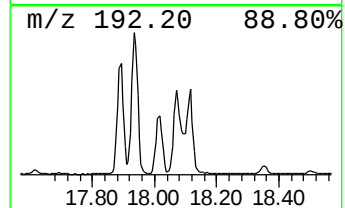
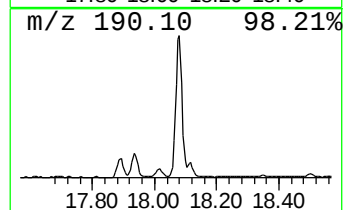
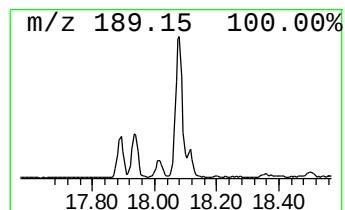
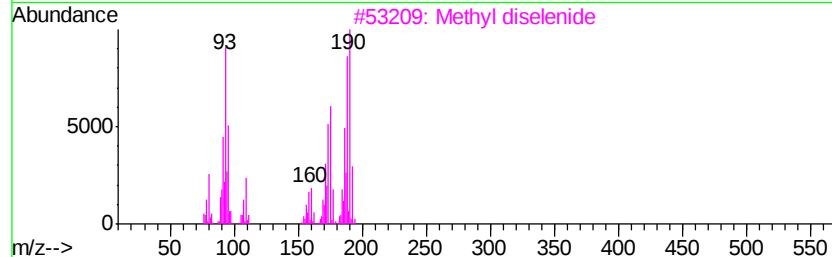
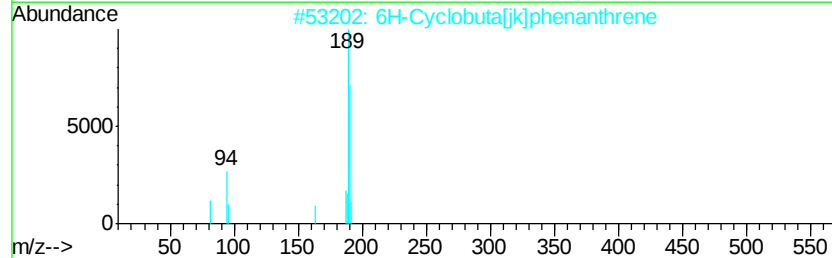
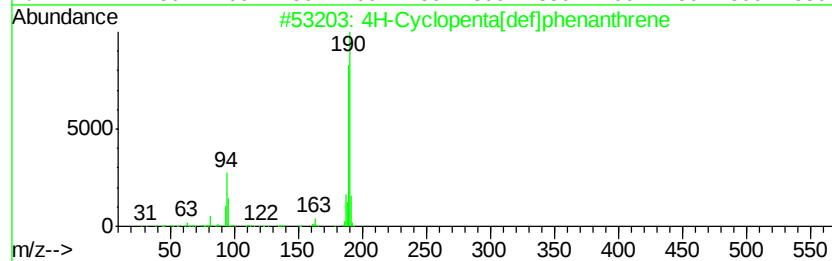
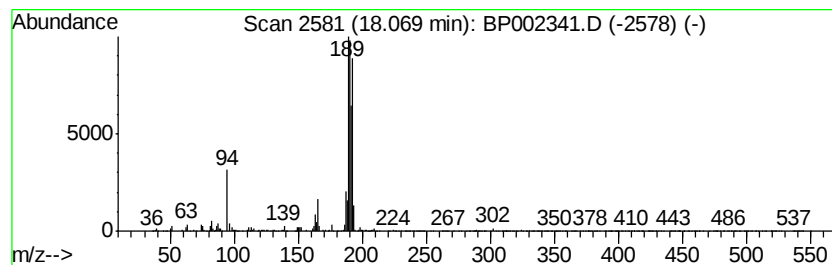
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.07	2.49 ng	476352	Phenanthrene-d10	17.01	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	53
3	Methyl diselenide	190	C2H6Se2	007101-31-7	45
4	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	30
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
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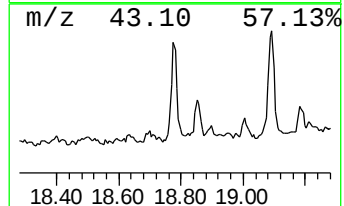
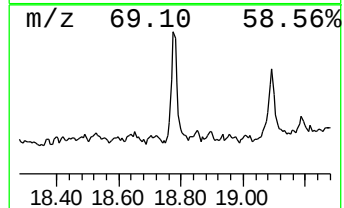
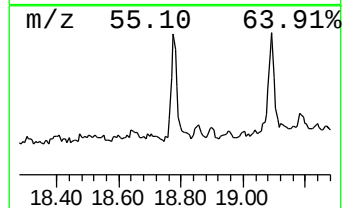
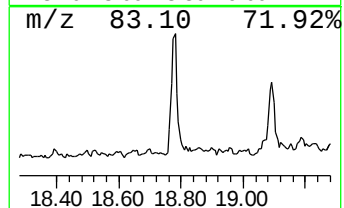
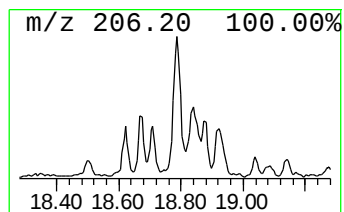
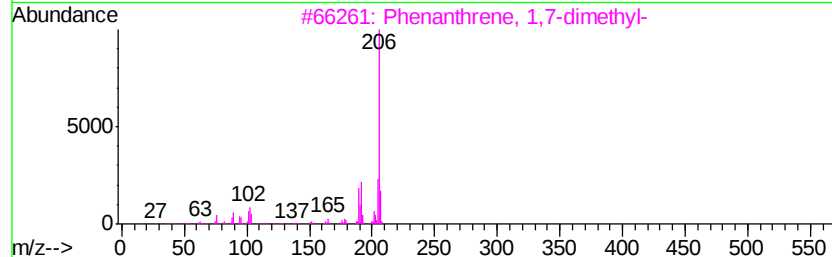
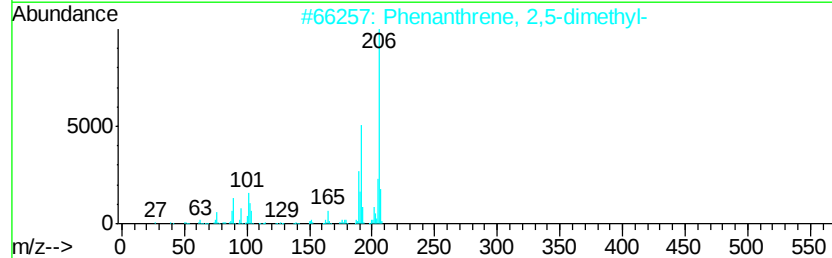
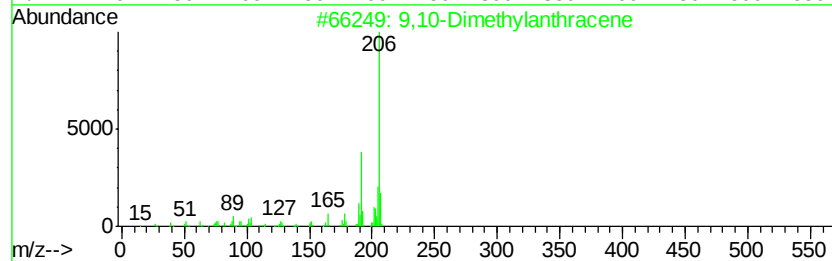
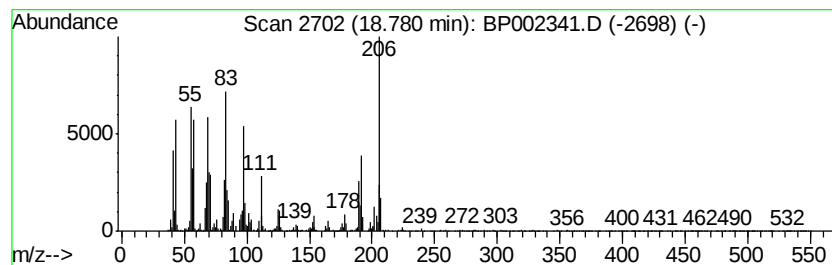
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9,10-Dimethylantracene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.78	2.29 ng	438824	Phenanthrene-d10	17.01

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylantracene		206	C16H14	000781-43-1	90
2	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	87
3	Phenanthrene, 1,7-dimethyl-		206	C16H14	000483-87-4	87
4	di-p-Tolylacetylene		206	C16H14	002789-88-0	78
5	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
Data File : BP002341.D
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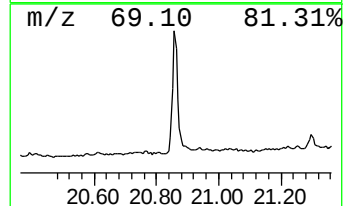
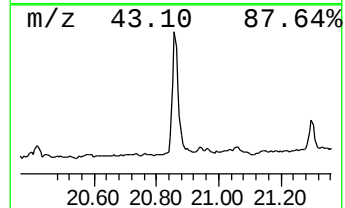
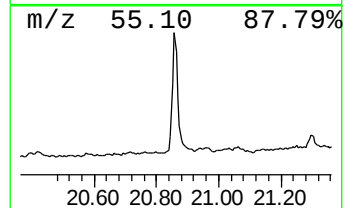
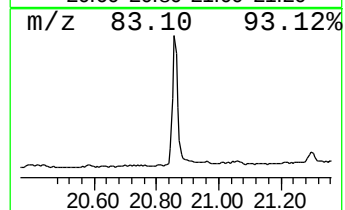
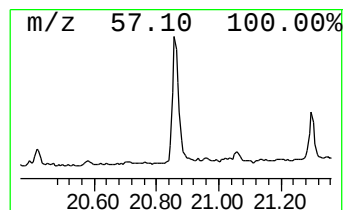
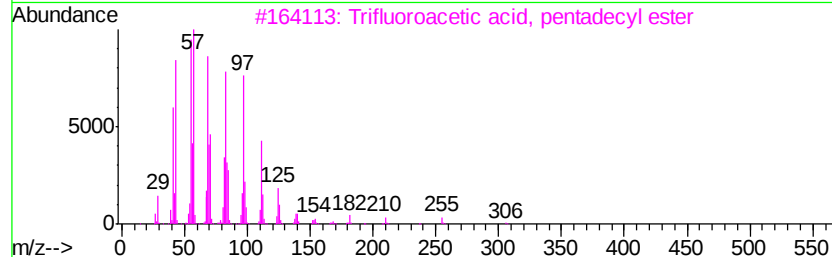
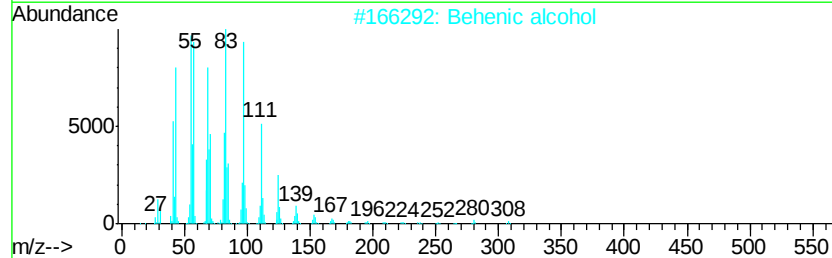
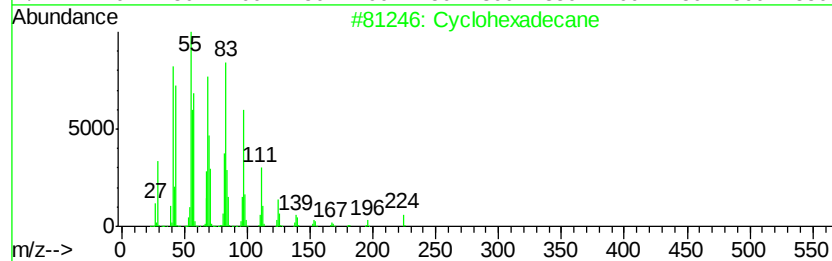
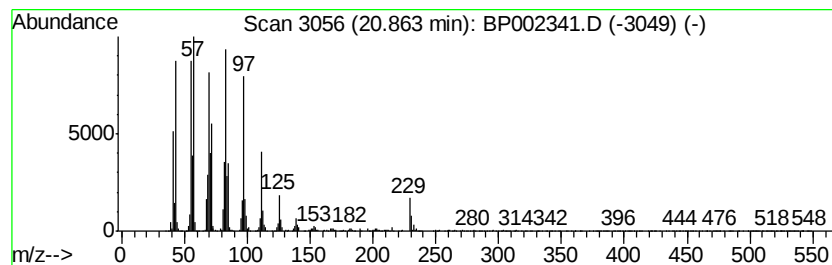
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclohexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	6.38 ng	1819020	Chrysene-d12	21.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	94
2		Behenic alcohol	326	C22H46O	000661-19-8	94
3		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5		1-Heneicosanol	312	C21H44O	015594-90-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
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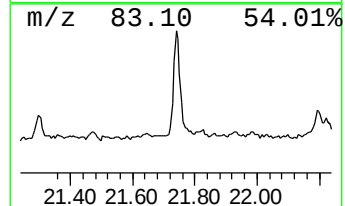
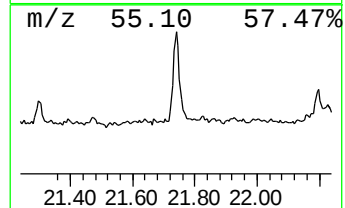
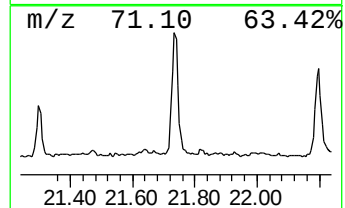
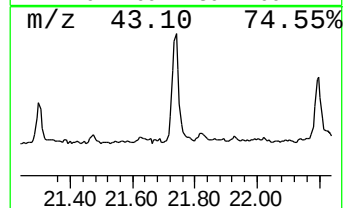
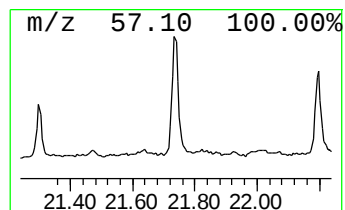
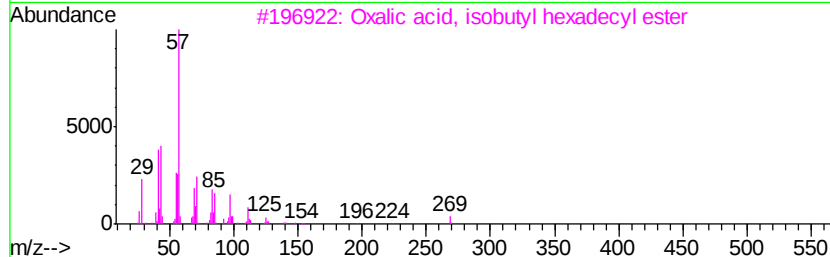
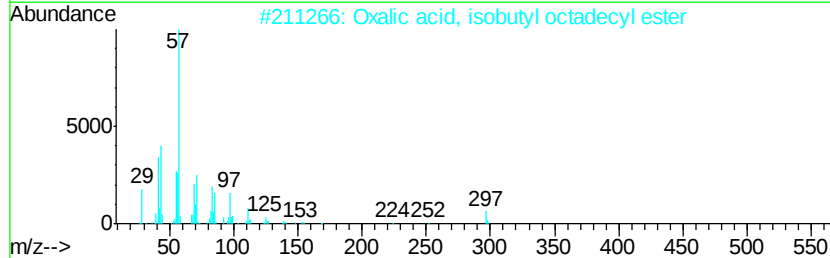
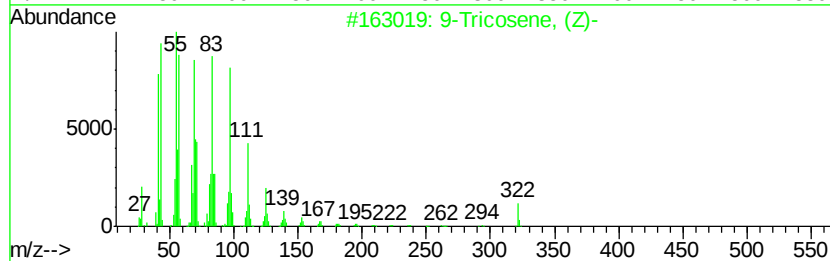
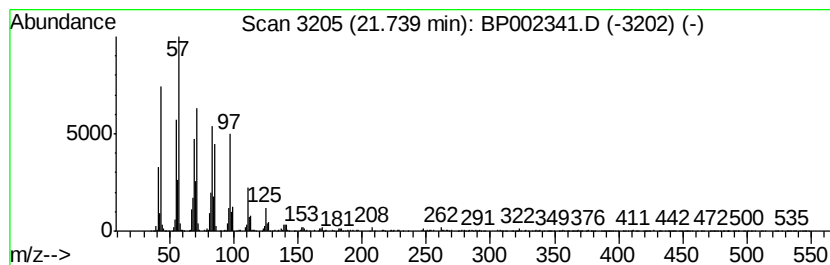
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9-Tricosene, (Z)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.74	2.25 ng	640725	Chrysene-d12	21.12		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-		322	C23H46	027519-02-4	92
2	Oxalic acid, isobutyl octadecyl ...		398	C24H46O4	1000309-38-3	91
3	Oxalic acid, isobutyl hexadecyl ...		370	C22H42O4	1000309-38-1	91
4	Methoxyacetic acid, heptadecyl e...		328	C20H40O3	1000282-99-1	91
5	Docosyl pentafluoropropionate		472	C25H45F5O2	1000351-80-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
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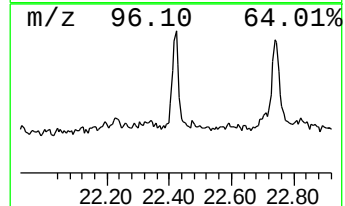
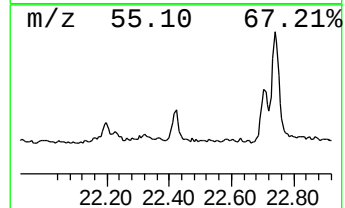
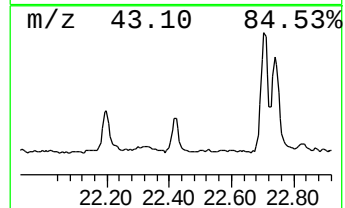
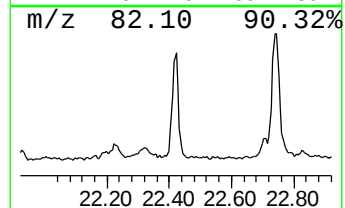
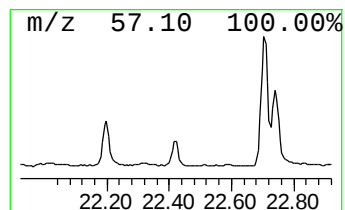
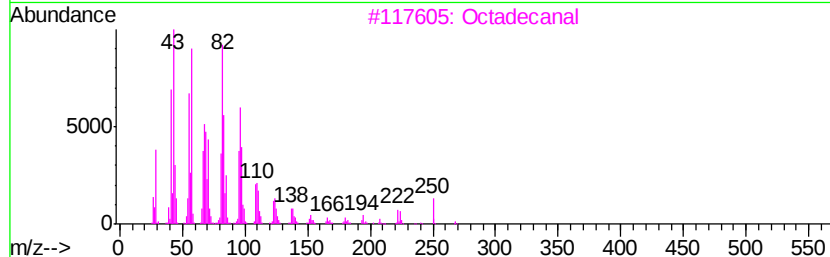
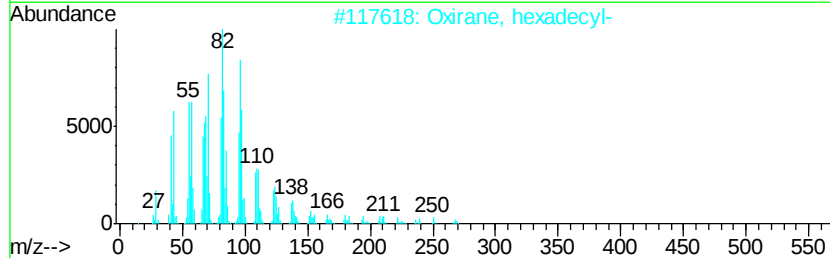
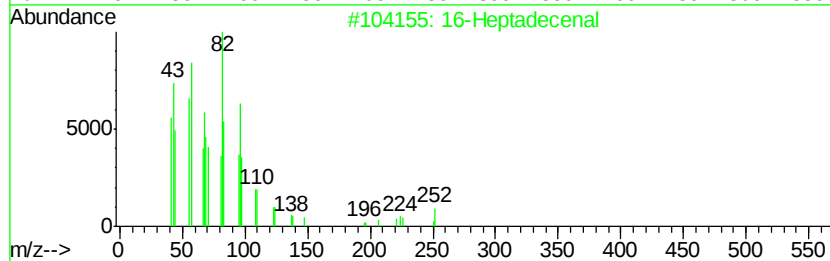
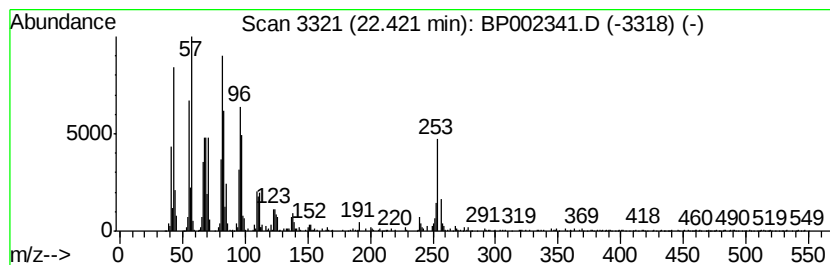
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 16-Heptadecenal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.42	3.84 ng	591975	Perylene-d12	23.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Heptadecenal	252	C17H32O	1000144-57-9	93
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
3	Octadecanal	268	C18H36O	000638-66-4	76
4	Tetradecanal	212	C14H28O	000124-25-4	76
5	1,19-Eicosadiene	278	C20H38	014811-95-1	76



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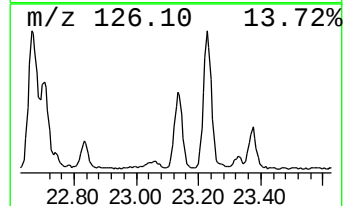
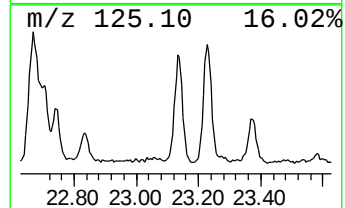
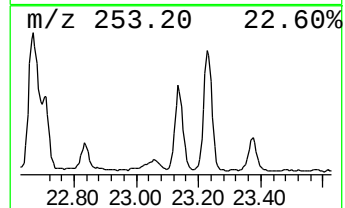
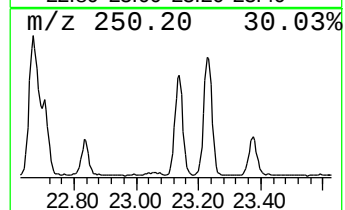
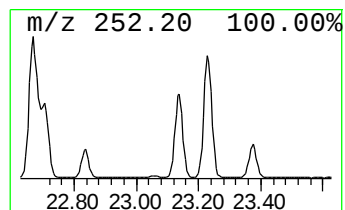
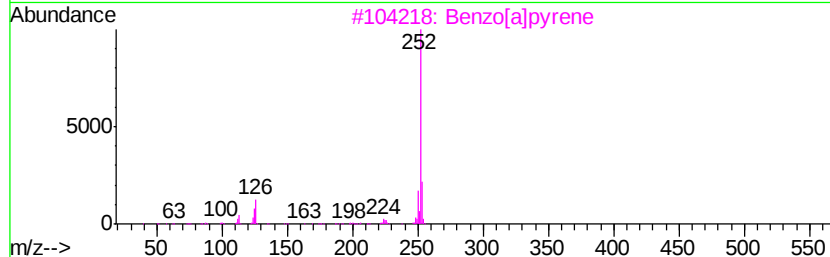
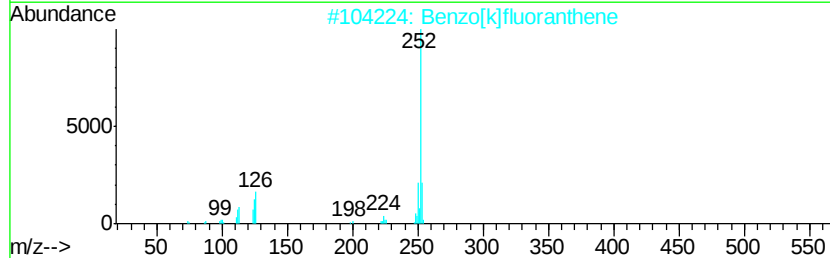
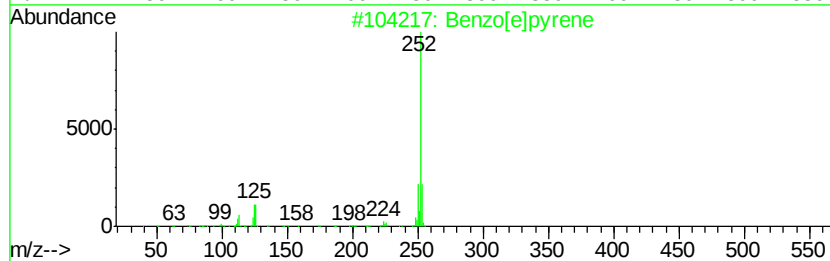
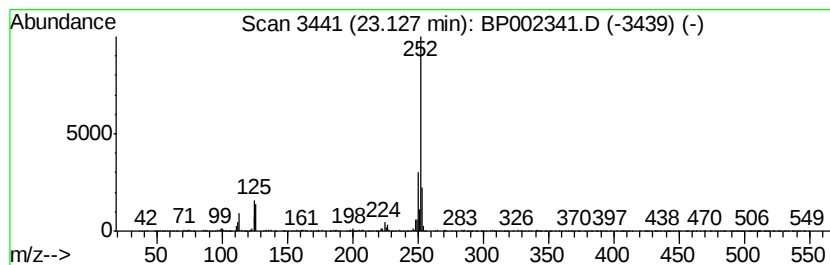
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.13	6.53 ng	1006510	Perylene-d12	23.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	97
4	Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	96
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95



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 NM81-COMP-2020-0-6

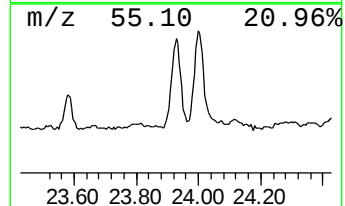
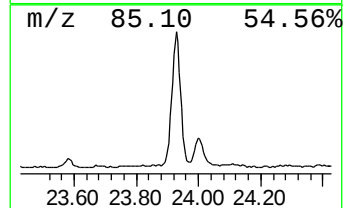
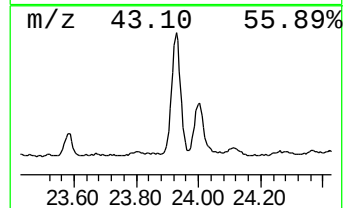
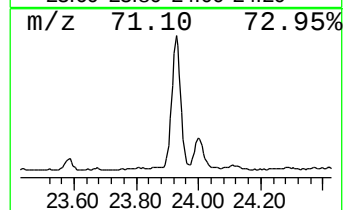
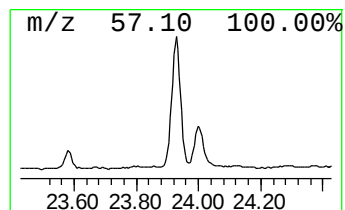
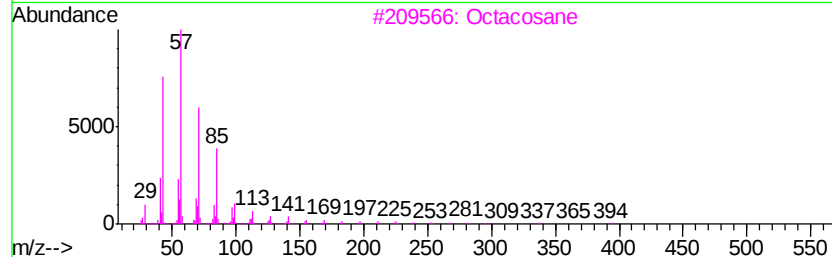
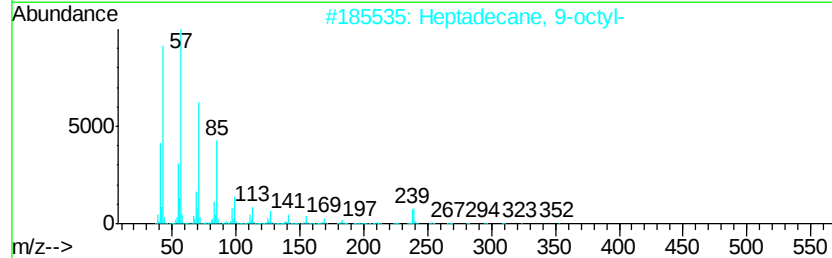
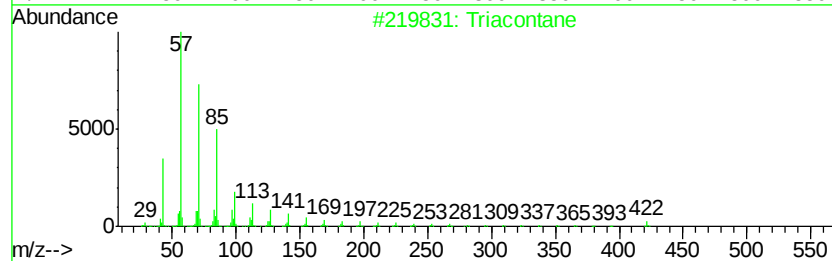
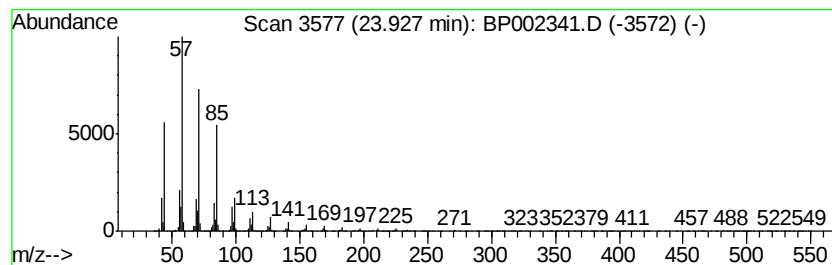
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 13 Triacontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	12.67 ng	1953370	Perylene-d12	23.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	97
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3		Octacosane	394	C28H58	000630-02-4	91
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
Data File : BP002341.D
Acq On : 01 Jun 2020 16:18
Operator : CG/JU
Sample : L2745-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NM81-COMP-2020-0-6

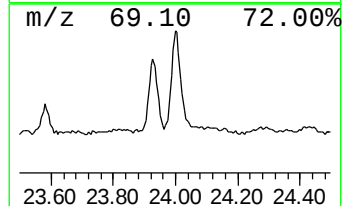
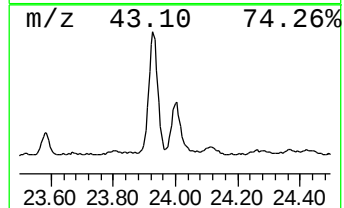
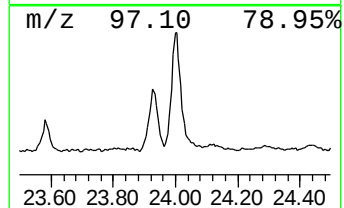
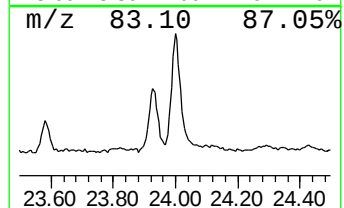
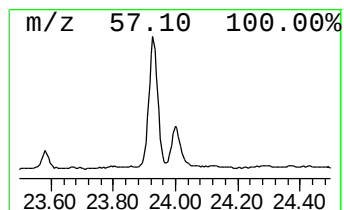
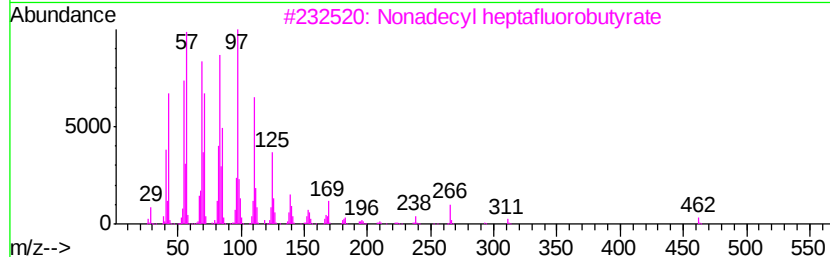
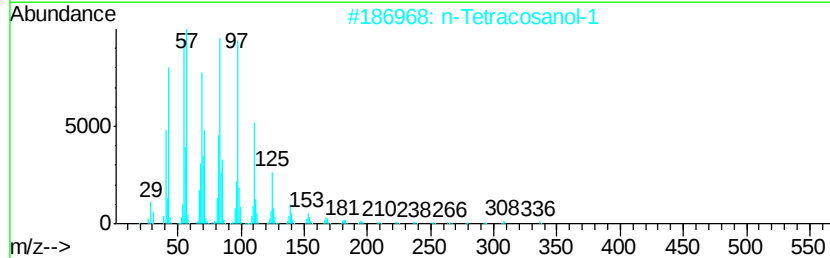
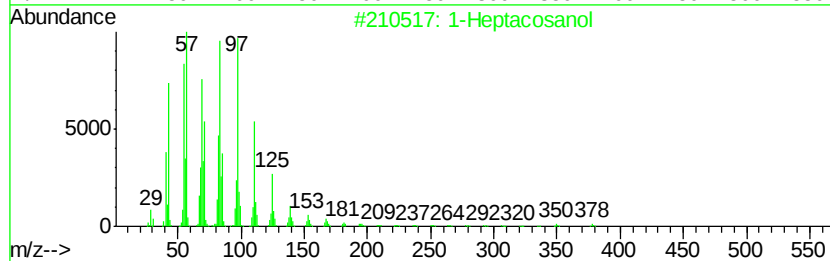
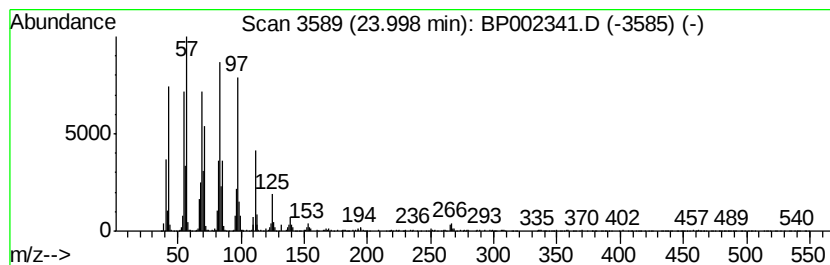
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1-Heptacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	8.62 ng	1329880	Perylene-d12	23.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heptacosanol	396	C27H56O	002004-39-9	95
2			n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3			Nonadecyl heptafluorobutvrate	480	C23H39F7O2	1000351-83-9	91
4			17-Pentatriacontene	491	C35H70	006971-40-0	91
5			1-Docosene	308	C22H44	001599-67-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP060120\
 Data File : BP002341.D
 Acq On : 01 Jun 2020 16:18
 Operator : CG/JU
 Sample : L2745-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NM81-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown12.26	12.26	3.9	ng	478794	2	10.38	2489480	20.0
2,4,7,9-Tetrameth...	13.18	14.8	ng	2401720	3	14.26	3245490	20.0
unknown15.42	15.42	5.4	ng	875966	3	14.26	3245490	20.0
Anthracene, 2-met...	17.89	3.3	ng	626025	4	17.01	3832340	20.0
n-Hexadecanoic acid	17.95	6.3	ng	1210460	4	17.01	3832340	20.0
4H-Cyclopenta[def...	18.07	2.5	ng	476352	4	17.01	3832340	20.0
9,10-Dimethylanthe...	18.78	2.3	ng	438824	4	17.01	3832340	20.0
Cyclohexadecane	20.86	6.4	ng	1819020	5	21.12	5698810	20.0
9-Tricosene, (Z)-	21.74	2.3	ng	640725	5	21.12	5698810	20.0
16-Heptadecenal	22.42	3.8	ng	591975	6	23.33	3084390	20.0
Benzo[e]pyrene	23.13	6.5	ng	1006510	6	23.33	3084390	20.0
Triacontane	23.93	12.7	ng	1953370	6	23.33	3084390	20.0
1-Heptacosanol	24.00	8.6	ng	1329880	6	23.33	3084390	20.0