

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
 Data File : BP003272.D
 Acq On : 14 Sep 2020 17:14
 Operator : CG/JU
 Sample : L3981-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B18-4-6

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-BP082420.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	4.405	251	258	275	rVB	7411949	11966981	100.00%	28.117%
2	5.258	396	403	418	rBV	1155813	1791259	14.97%	4.209%
3	6.834	662	671	688	rBV	1053511	1783593	14.90%	4.191%
4	7.640	799	808	817	rBV	542577	866292	7.24%	2.035%
5	8.787	989	1003	1016	rBV	726683	1307268	10.92%	3.071%
6	10.416	1273	1280	1298	rBV	613381	1148581	9.60%	2.699%
7	12.899	1695	1702	1722	rBV	2035151	3120017	26.07%	7.331%
8	13.199	1747	1753	1763	rBV	101526	176239	1.47%	0.414%
9	13.746	1840	1846	1858	rBV	175293	283411	2.37%	0.666%
10	14.281	1931	1937	1945	rBV	905771	1366461	11.42%	3.211%
11	15.781	2185	2192	2203	rBV	1382885	2075948	17.35%	4.878%
12	17.034	2399	2405	2410	rBV	976542	1453286	12.14%	3.415%
13	17.075	2410	2412	2422	rVV	204266	301309	2.52%	0.708%
14	17.957	2558	2562	2568	rBV2	106355	162882	1.36%	0.383%
15	18.098	2581	2586	2590	rBV3	70368	121960	1.02%	0.287%
16	19.057	2744	2749	2754	rBV	691990	911731	7.62%	2.142%
17	19.410	2800	2809	2814	rBV	655823	1025343	8.57%	2.409%
18	19.610	2838	2843	2849	rBV	3096078	3736119	31.22%	8.778%
19	19.739	2859	2865	2870	rBV3	54313	130679	1.09%	0.307%
20	19.892	2888	2891	2895	rVB	120047	147157	1.23%	0.346%
21	20.857	3052	3055	3062	rBV3	393805	562223	4.70%	1.321%
22	21.133	3095	3102	3105	rBV2	1536438	2483903	20.76%	5.836%
23	21.169	3105	3108	3118	rVB	477600	644238	5.38%	1.514%
24	21.733	3200	3204	3210	rVB3	167989	285770	2.39%	0.671%
25	22.698	3362	3368	3372	rBV	596350	1266765	10.59%	2.976%
26	23.169	3444	3448	3457	rVB	320597	589816	4.93%	1.386%
27	23.263	3459	3464	3473	rVB	457067	829951	6.94%	1.950%
28	23.363	3475	3481	3487	rBV2	1103345	2022117	16.90%	4.751%

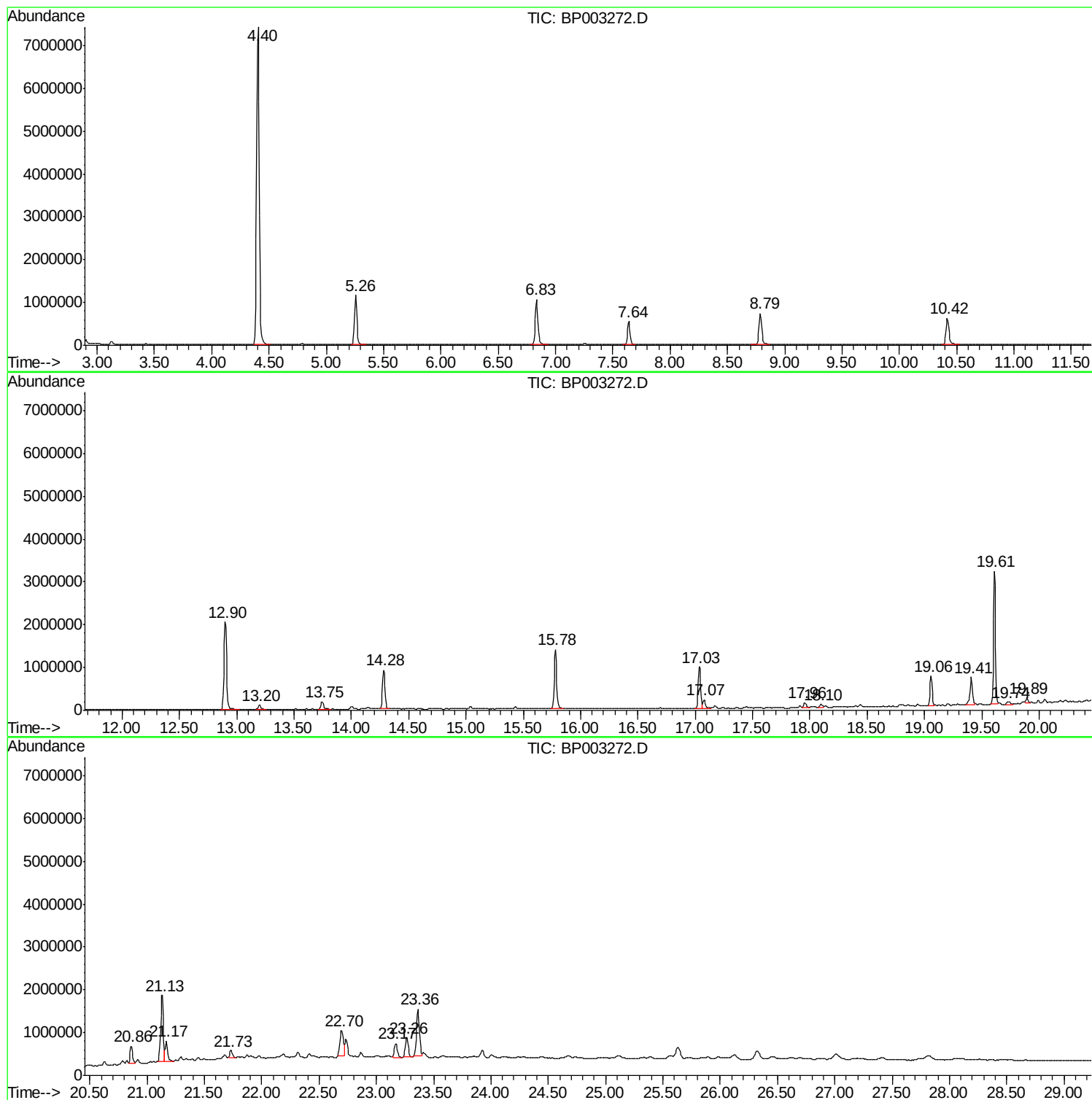
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Instrument :
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ClientSampleId :
B18-4-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.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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Instrument :
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ClientSampleId :
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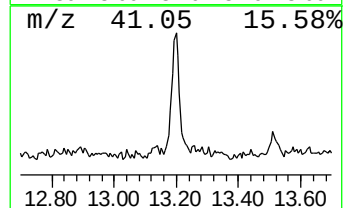
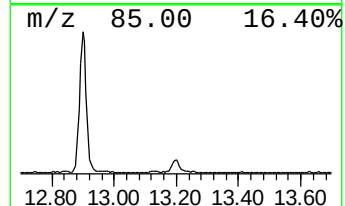
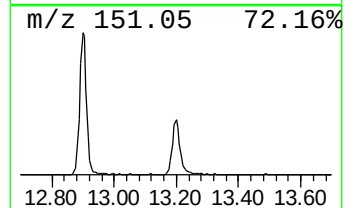
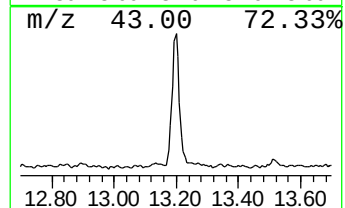
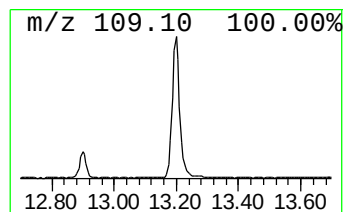
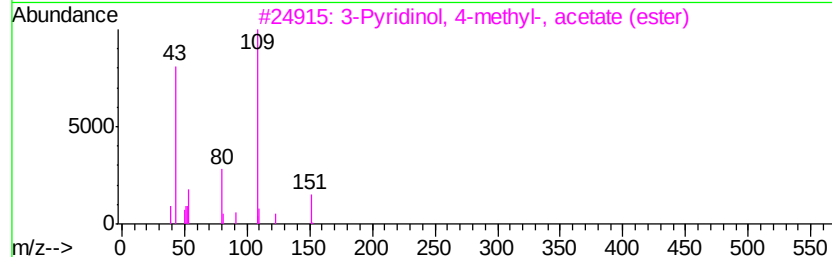
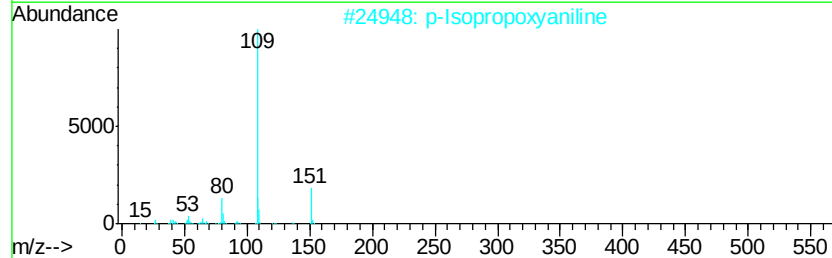
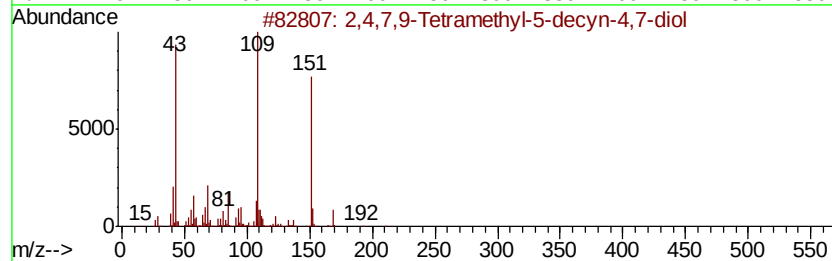
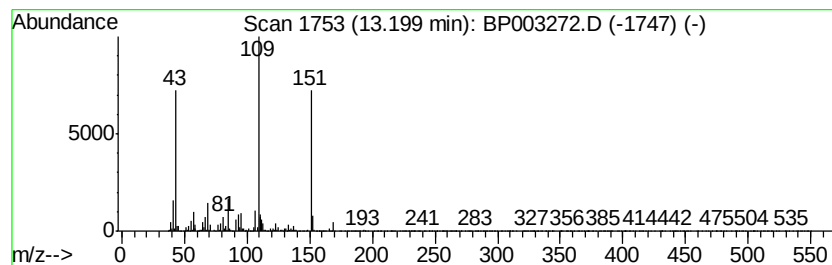
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	2.58 ng	176239	Acenaphthene-d10	14.28

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	p-Isopropoxyaniline	151	C9H13NO	007664-66-6	58		
3	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53		
4	1,2-Diazaspiro[4.4]nonen-3-carbo...	238	C13H22N2O2	1000164-25-8	43		
5	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	38		



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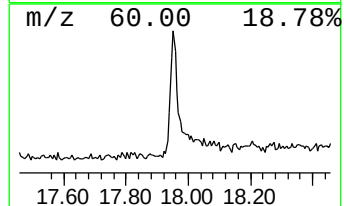
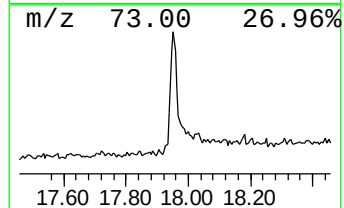
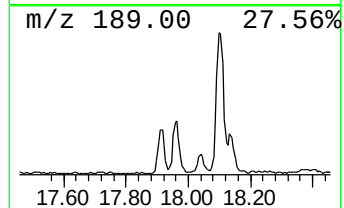
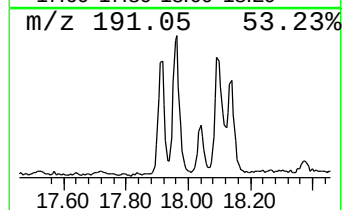
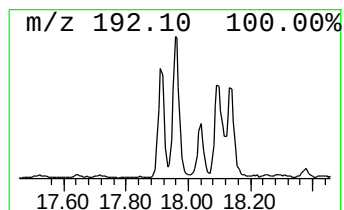
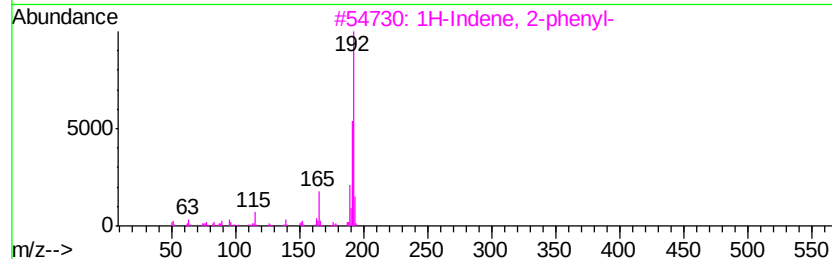
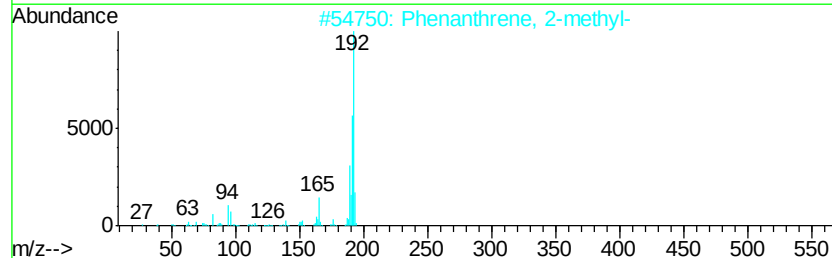
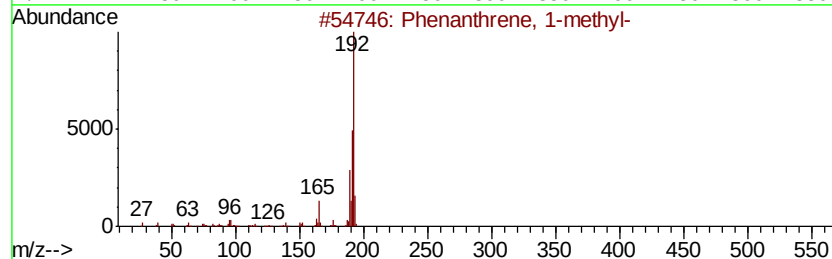
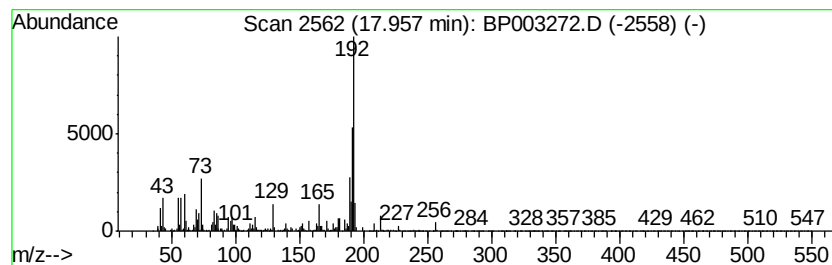
Instrument :
BNA_P
ClientSampled :
B18-4-6

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

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.96	2.24 ng	162882	Phenanthrene-d10		17.03
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
4	1H-Cyclopropa[1,1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93



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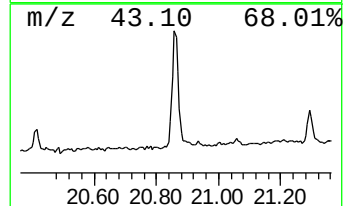
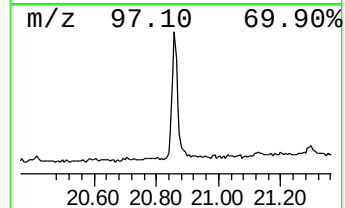
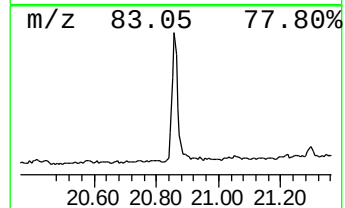
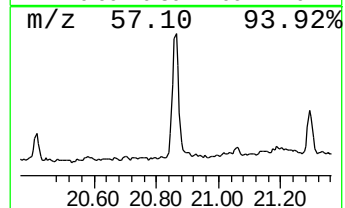
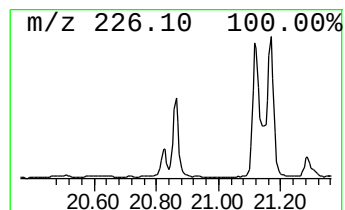
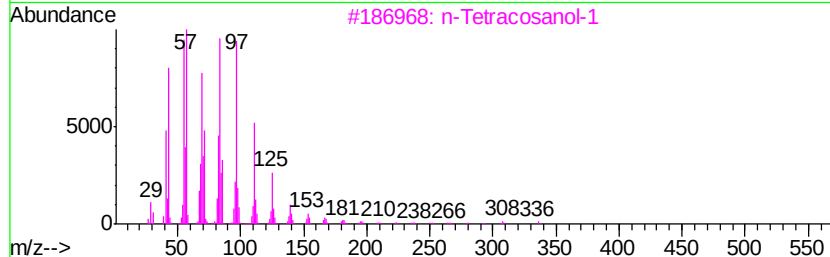
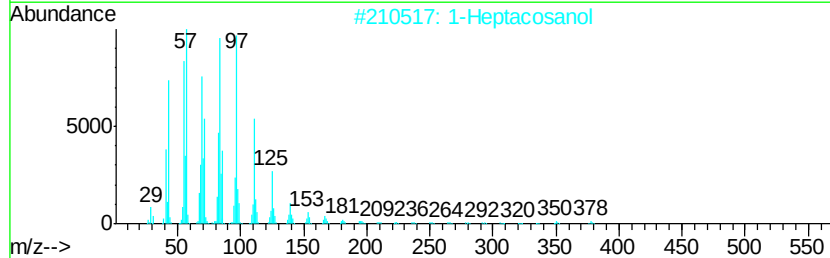
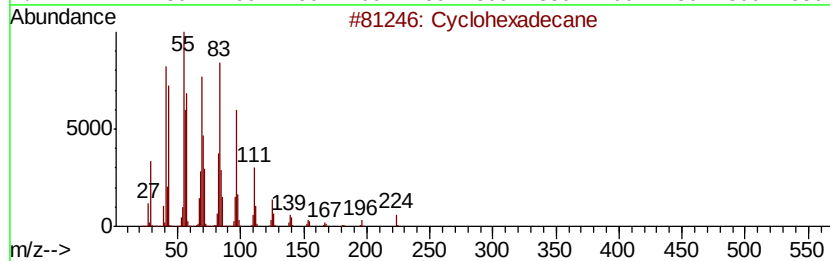
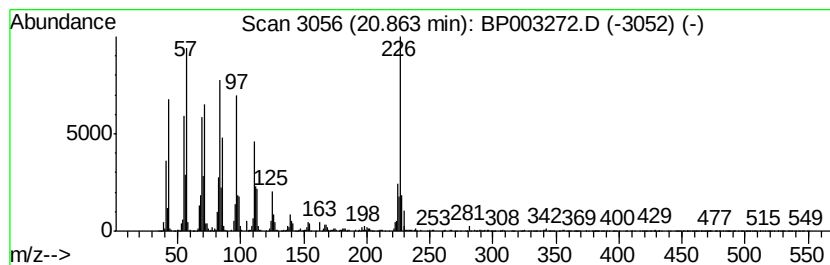
Instrument :
BNA_P
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	4.53 ng	562223	Chrysene-d12	21.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexadecane	224 C16H32	000295-65-8 93
2		1-Heptacosanol	396 C27H56O	002004-39-9 93
3		n-Tetracosanol-1	354 C24H50O	000506-51-4 93
4		Behenic alcohol	326 C22H46O	000661-19-8 93
5		Nonadecyl trifluoroacetate	380 C21H39F3O2	1000351-76-3 91



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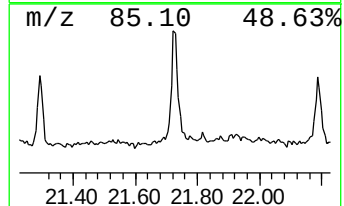
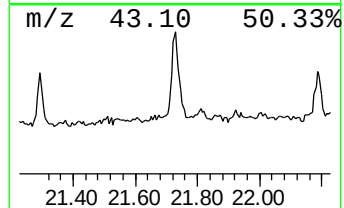
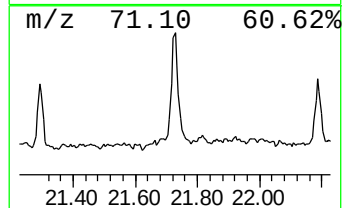
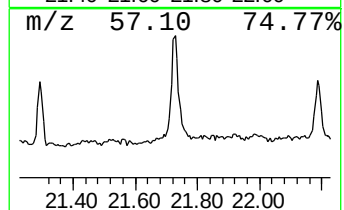
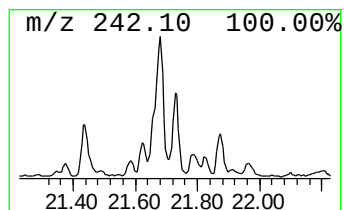
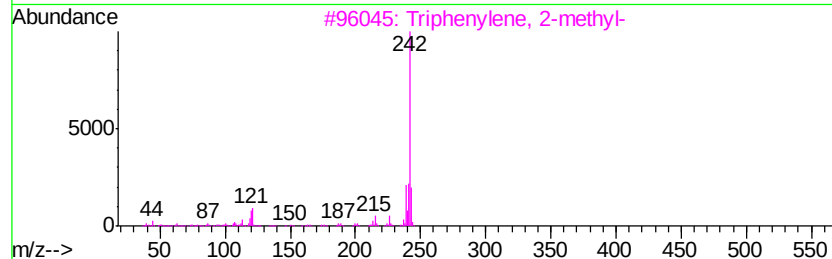
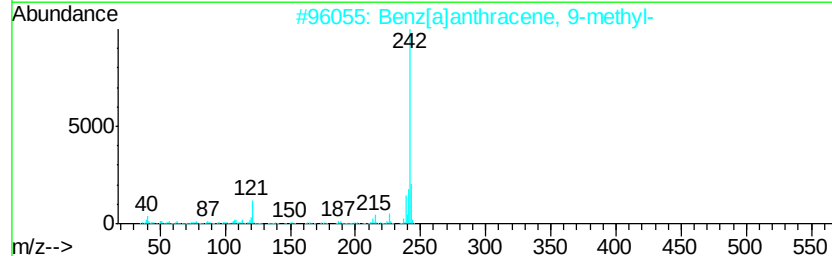
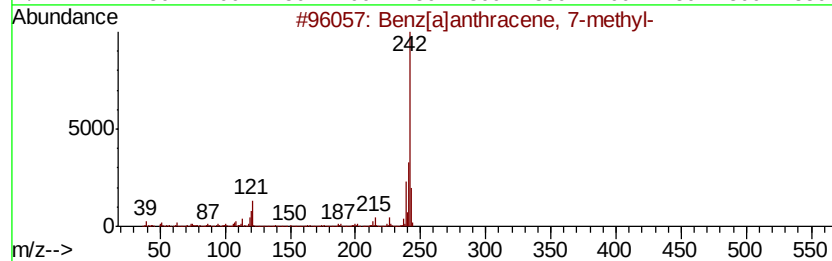
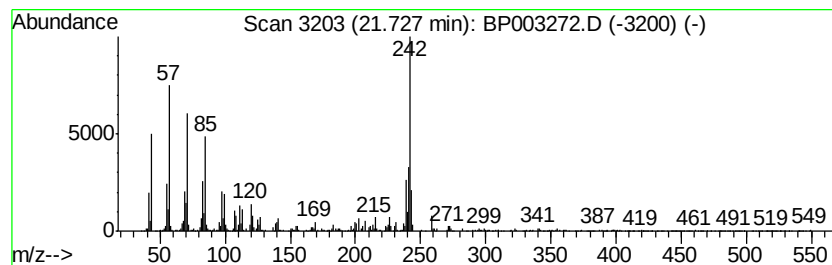
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Benz[a]anthracene, 7-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.73	2.30 ng	285770	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
2		Benz[a]anthracene, 9-methyl-	242	C19H14	002381-16-0	83
3		Triphenylene, 2-methyl-	242	C19H14	001705-84-6	83
4		Benz[a]anthracene, 10-methyl-	242	C19H14	002381-15-9	80
5		Benz[a]anthracene, 3-methyl-	242	C19H14	002498-75-1	80



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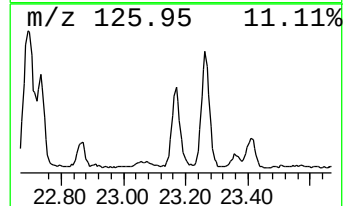
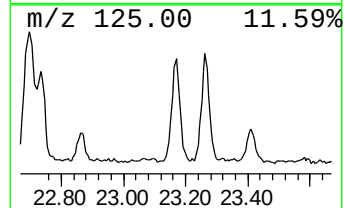
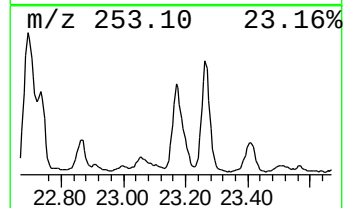
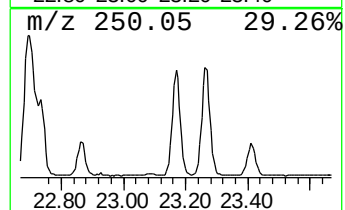
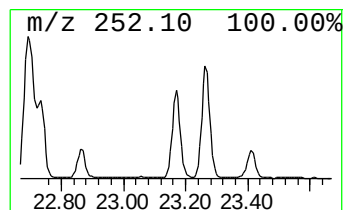
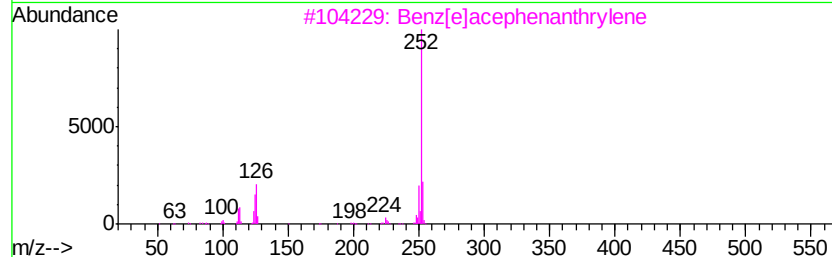
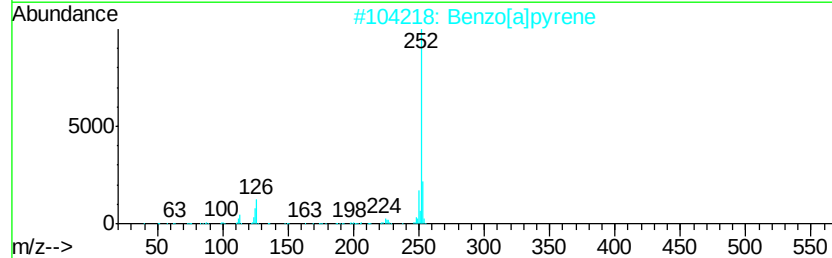
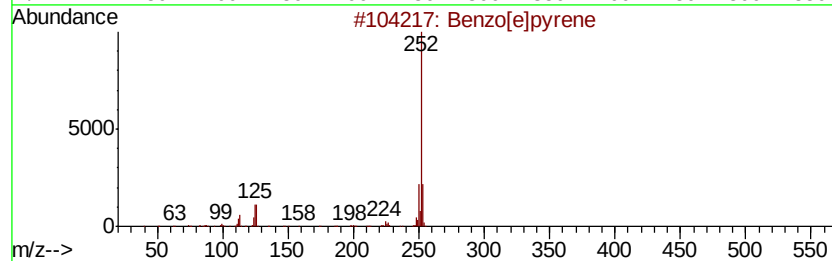
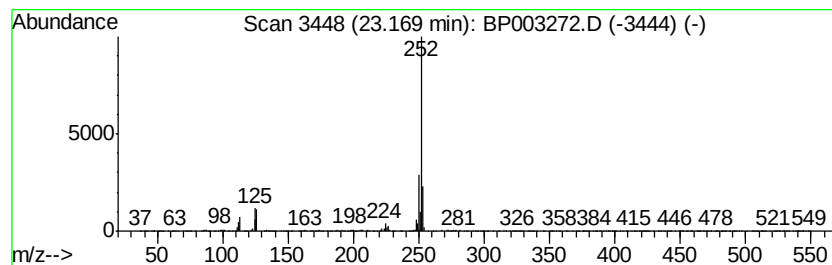
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.17	5.83 ng	589816	Perylene-d12	23.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2,4,7,9-Tetrameth...	13.20	2.6	ng	176239	3	14.28	1366460	20.0
Phenanthrene, 1-m...	17.96	2.2	ng	162882	4	17.03	1453290	20.0
Cyclohexadecane	20.86	4.5	ng	562223	5	21.13	2483900	20.0
Benz[a]anthracene...	21.73	2.3	ng	285770	5	21.13	2483900	20.0
Benzo[e]pyrene	23.17	5.8	ng	589816	6	23.36	2022120	20.0