

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF033020\
 Data File : BF119634.D
 Acq On : 30 Mar 2020 15:49
 Operator : MA/SJ
 Sample : L2049-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-(1-3)

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_F\METHODS\8270-BF031820.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	2.216	19	22	33	rVB3	166870	246555	2.82%	0.372%
2	5.046	494	503	509	rVB	136985	175085	2.00%	0.264%
3	5.446	566	571	574	rBV	6611503	6388906	72.94%	9.647%
4	6.457	737	743	749	rBV2	6612199	8758571	100.00%	13.225%
5	6.834	803	807	810	rBV	2237640	1966721	22.45%	2.970%
6	6.987	829	833	837	rBV	6395791	6304284	71.98%	9.519%
7	7.392	896	902	905	rBV	4123870	3913762	44.68%	5.909%
8	8.116	1020	1025	1029	rBV	2972201	2537118	28.97%	3.831%
9	9.116	1191	1195	1199	rBV	97866	111050	1.27%	0.168%
10	9.198	1203	1209	1212	rBV	8759653	8441104	96.38%	12.745%
11	9.592	1272	1276	1279	rBV	1200589	907855	10.37%	1.371%
12	9.698	1289	1294	1299	rBV4	50982	94144	1.07%	0.142%
13	9.881	1319	1325	1328	rBV	3078276	2629283	30.02%	3.970%
14	10.669	1455	1459	1462	rBV	2776168	2537177	28.97%	3.831%
15	10.769	1473	1476	1478	rBV	127639	105969	1.21%	0.160%
16	11.110	1530	1534	1538	rBV3	84871	136724	1.56%	0.206%
17	11.369	1574	1578	1580	rBV	2803499	2350448	26.84%	3.549%
18	11.392	1580	1582	1585	rVV	905288	689049	7.87%	1.040%
19	11.439	1585	1590	1593	rVB	215280	208138	2.38%	0.314%
20	11.598	1612	1617	1619	rBV2	94249	127421	1.45%	0.192%
21	11.869	1660	1663	1665	rBV	124018	106428	1.22%	0.161%
22	11.898	1665	1668	1673	rVV	268419	260395	2.97%	0.393%
23	11.980	1679	1682	1685	rBV2	184636	175063	2.00%	0.264%
24	12.445	1754	1761	1763	rBV3	144107	313390	3.58%	0.473%
25	12.580	1781	1784	1788	rBV	1689222	1514332	17.29%	2.286%
26	12.733	1807	1810	1815	rBV3	86722	151630	1.73%	0.229%
27	12.810	1818	1823	1826	rVV	1466576	1470316	16.79%	2.220%
28	12.963	1844	1849	1852	rVB	6810371	6213918	70.95%	9.382%
29	13.139	1877	1879	1884	rVB	215084	216010	2.47%	0.326%
30	13.210	1889	1891	1893	rVB	162687	120918	1.38%	0.183%
31	14.010	2022	2027	2030	rBV2	2106040	2704780	30.88%	4.084%
32	14.039	2030	2032	2040	rVB	690755	590193	6.74%	0.891%
33	14.486	2106	2108	2112	rBV3	255629	262385	3.00%	0.396%
34	15.051	2201	2204	2207	rBV	536796	705342	8.05%	1.065%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.351	2252	2255	2261	rVB	432946	562527	6.42%	0.849%
36	15.410	2262	2265	2270	rBV	535374	651469	7.44%	0.984%
37	15.480	2272	2277	2280	rBV	1206587	1581088	18.05%	2.387%

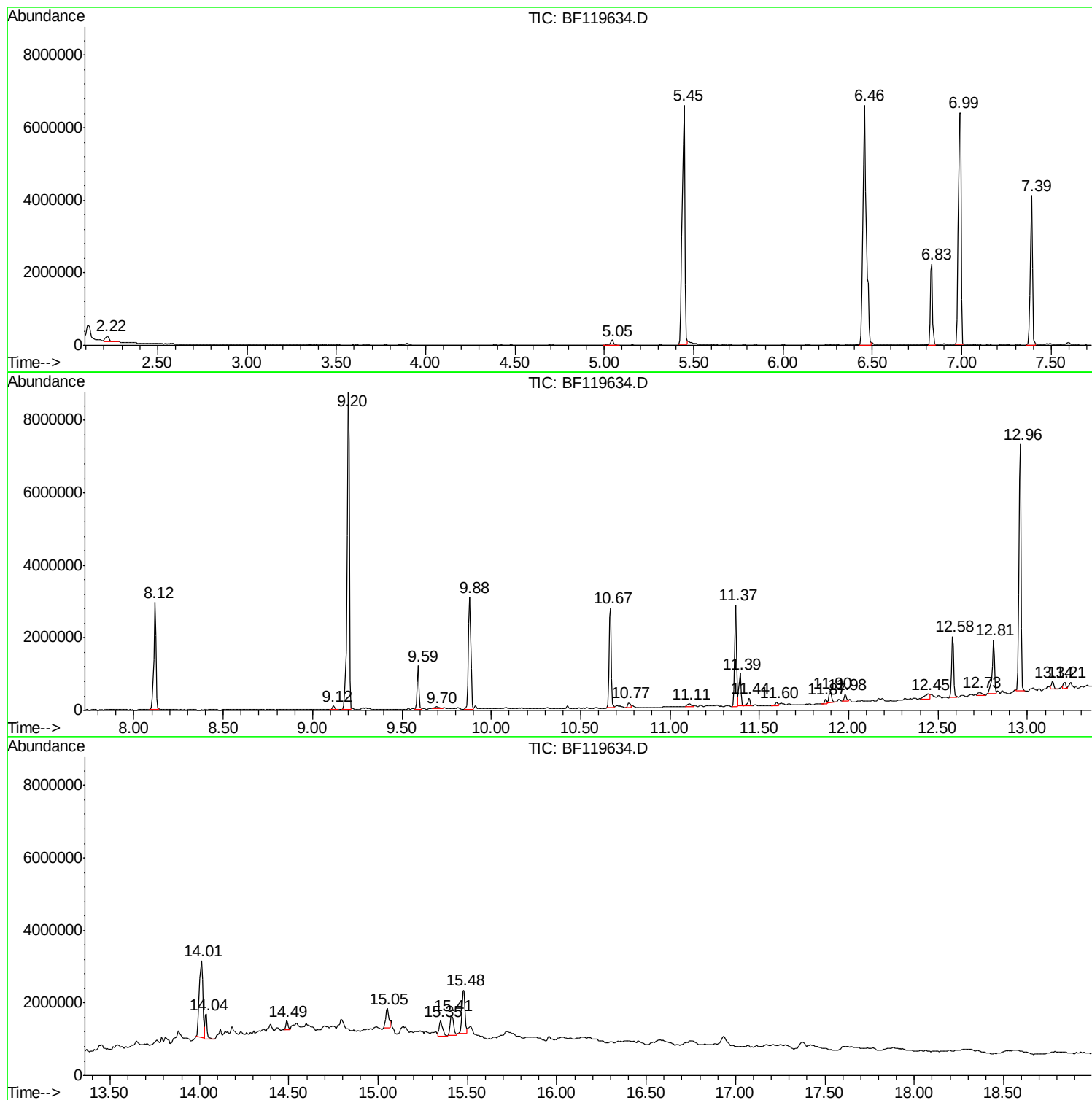
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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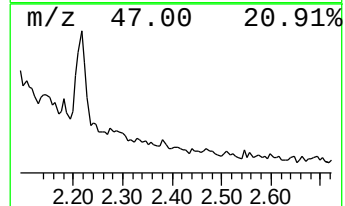
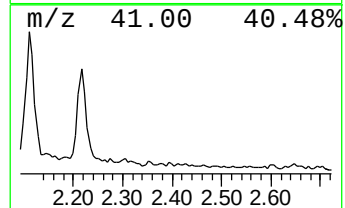
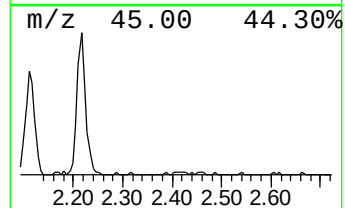
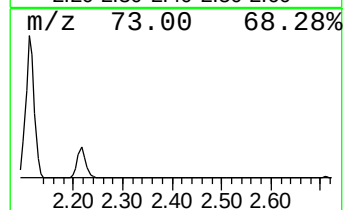
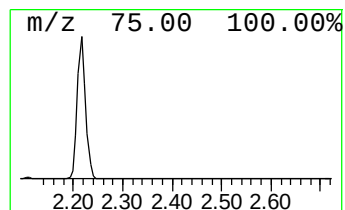
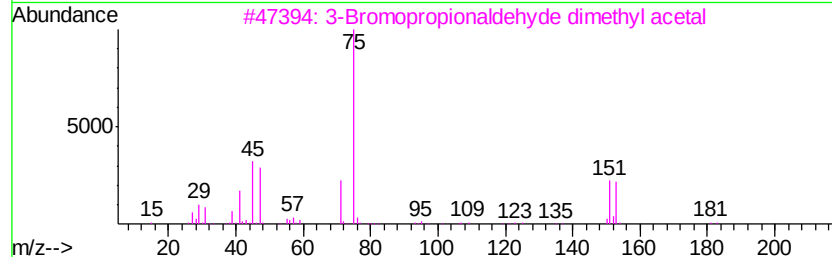
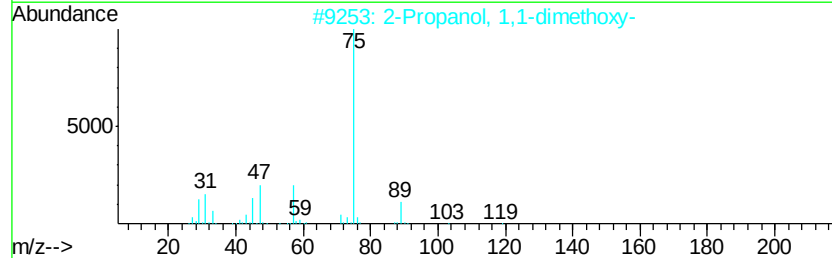
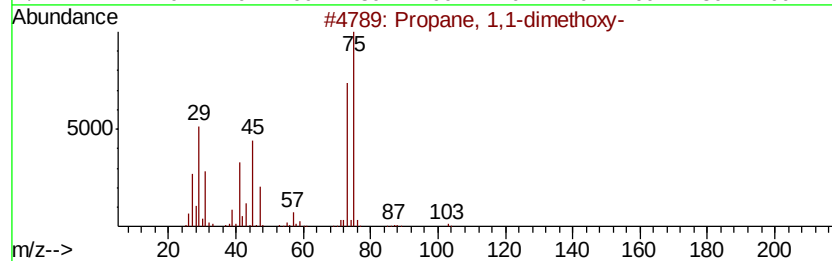
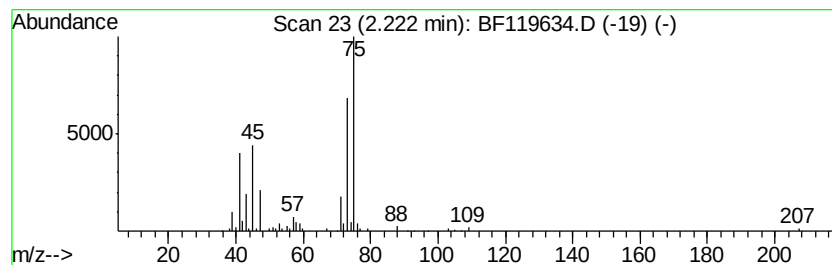
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	2.51 ng	246555	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2		2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	42
3		3-Bromopropionaldehyde dimethyl ...	182	C5H11BrO2	036255-44-4	38
4		1H-Pyrimidine-2,4-dione, 1-(2,2-...	214	C9H14N2O4	1000302-49-7	33
5		3-(Methylthio)-2-butanone	118	C5H10OS	053475-15-3	33



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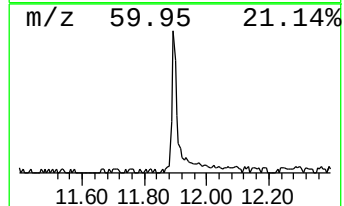
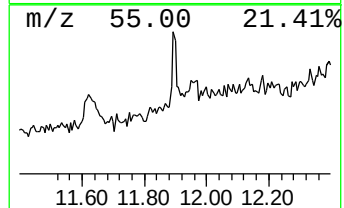
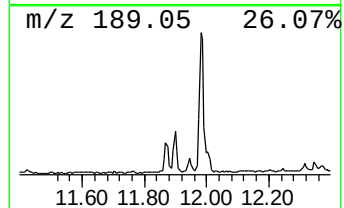
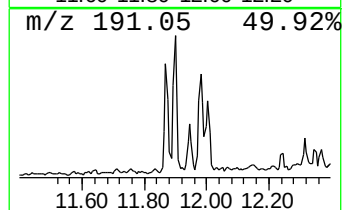
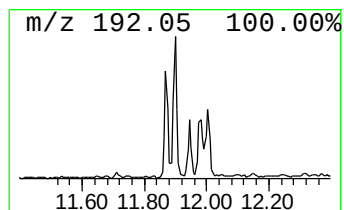
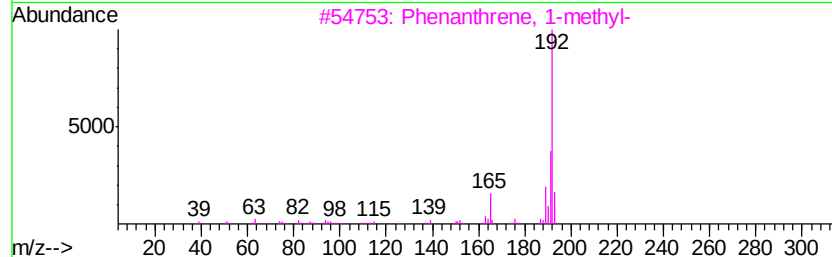
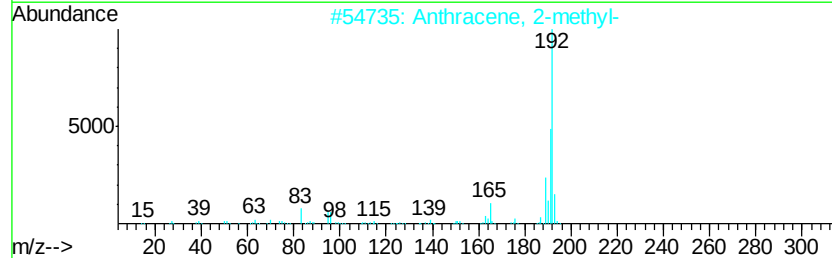
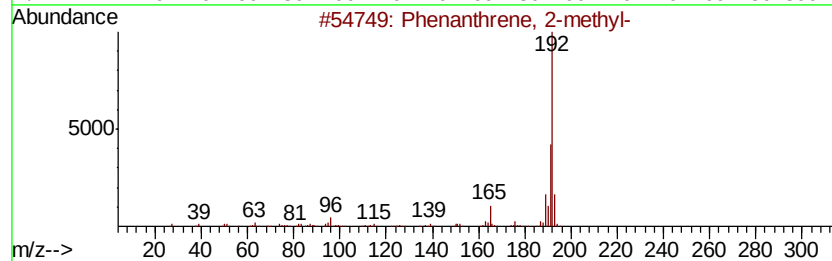
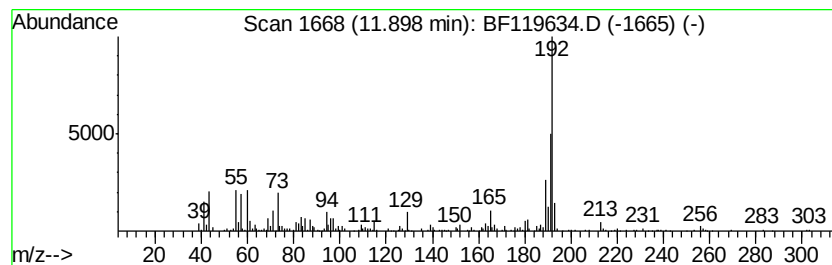
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.90	2.22 ng	260395	Phenanthrene-d10		11.37
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	86
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83



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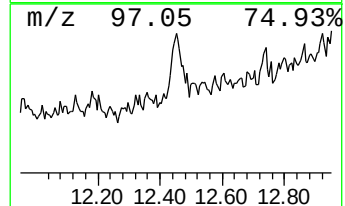
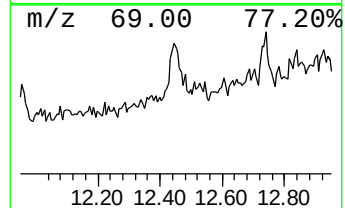
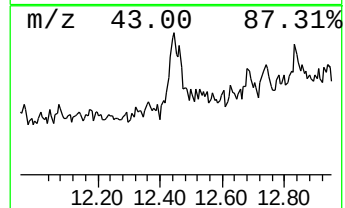
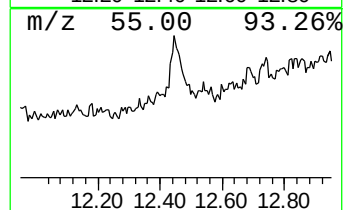
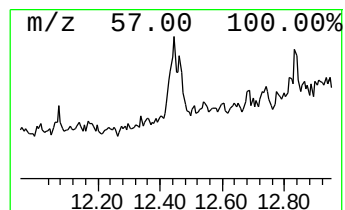
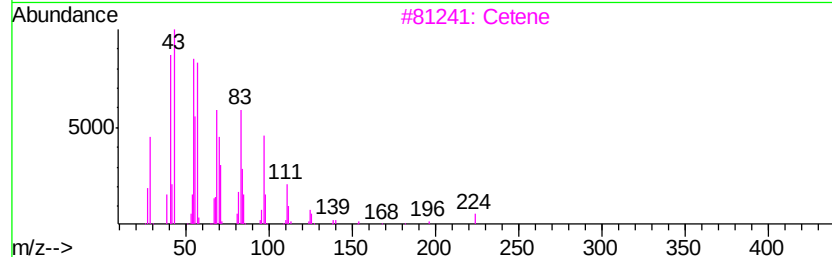
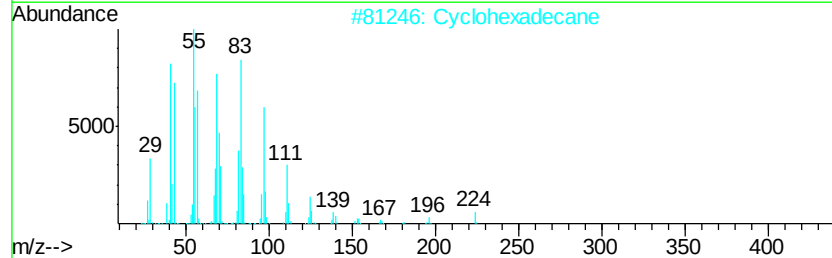
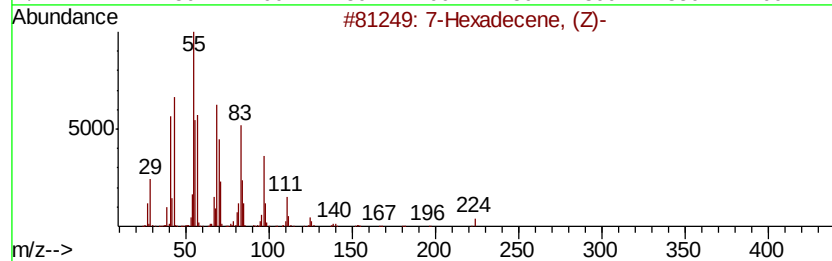
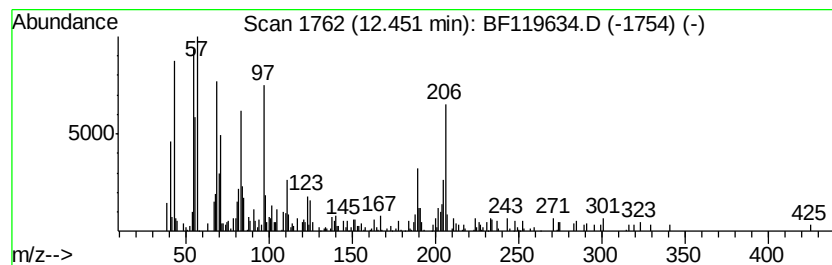
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 7-Hexadecene, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.45	2.67 ng	313390	Phenanthrene-d10	11.37		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		7-Hexadecene, (Z)-	224	C16H32	035507-09-6	70
2		Cyclohexadecane	224	C16H32	000295-65-8	49
3		Cetene	224	C16H32	000629-73-2	49
4		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	46
5		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	45



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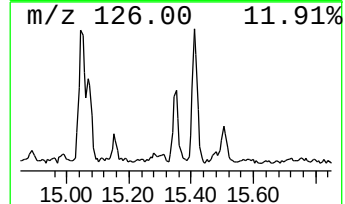
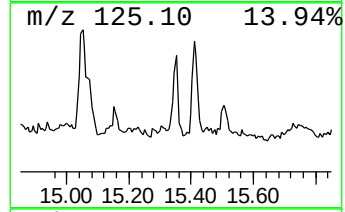
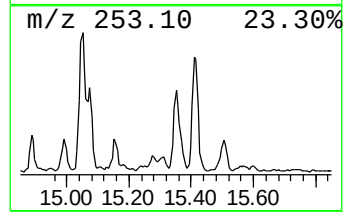
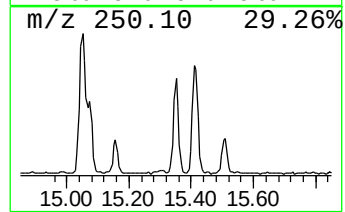
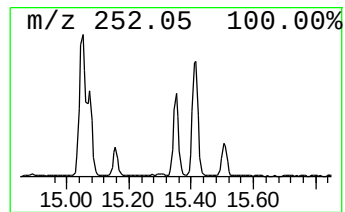
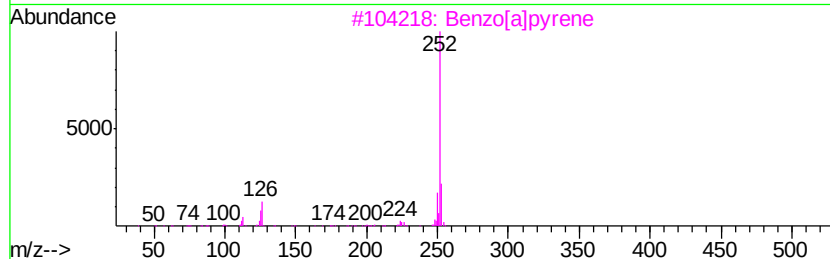
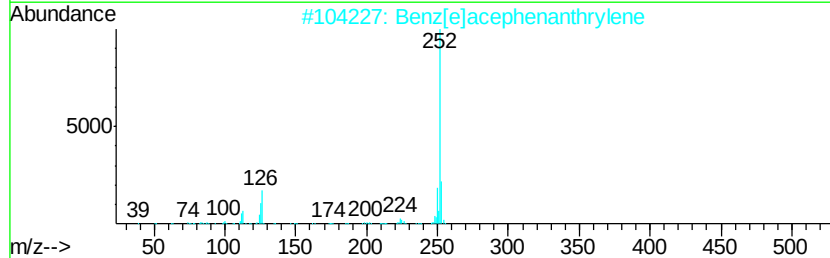
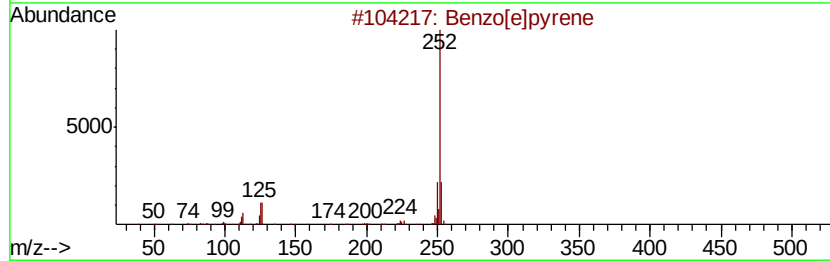
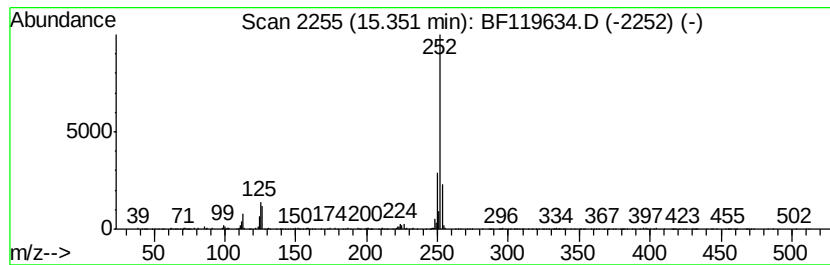
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	7.12 ng	562527	Perylene-d12	15.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[e]pyrene	252 C20H12	000192-97-2 98
2		Benzo[e]acephenanthrylene	252 C20H12	000205-99-2 96
3		Benzo[a]pyrene	252 C20H12	000050-32-8 96
4		Perylene	252 C20H12	000198-55-0 89
5		Benzo[k]fluoranthene	252 C20H12	000207-08-9 89



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propane, 1,1-dime...	2.22	2.5	ng	246555	1	6.83	1966720	20.0
Phenanthrene, 2-m...	11.90	2.2	ng	260395	4	11.37	2350450	20.0
7-Hexadecene, (Z)-	12.45	2.7	ng	313390	4	11.37	2350450	20.0
Benzo[e]pyrene	15.35	7.1	ng	562527	6	15.48	1581090	20.0