

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
 Data File : BF113939.D
 Acq On : 23 Apr 2019 23:38
 Operator : JU/SJ
 Sample : K2532-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

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-BF042219.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	2.210	17	21	28	rVB	47543	68959	2.58%	0.258%
2	5.522	579	584	588	rBV	2492805	2441152	91.33%	9.116%
3	6.522	749	754	768	rBV	2345847	2518952	94.24%	9.406%
4	6.669	774	779	782	rBV	2922332	2613032	97.76%	9.758%
5	6.898	814	818	821	rBV	934694	741815	27.75%	2.770%
6	7.057	841	845	848	rBV	2552121	2087838	78.11%	7.796%
7	7.451	908	912	916	rBV	1574981	1505247	56.32%	5.621%
8	8.181	1032	1036	1039	rBV	900970	839308	31.40%	3.134%
9	9.251	1214	1218	1221	rBV	3254062	2672829	100.00%	9.981%
10	9.639	1281	1284	1289	rBV	337162	274170	10.26%	1.024%
11	9.933	1330	1334	1338	rBV	1057261	875550	32.76%	3.270%
12	10.716	1463	1467	1481	rBV	1605706	1579095	59.08%	5.897%
13	11.416	1582	1586	1589	rBV	1028630	901896	33.74%	3.368%
14	11.439	1589	1590	1594	rVV	188707	111091	4.16%	0.415%
15	11.492	1596	1599	1602	rVB	41432	33841	1.27%	0.126%
16	11.939	1672	1675	1680	rVB2	134248	117903	4.41%	0.440%
17	12.033	1687	1691	1693	rBV	37993	37245	1.39%	0.139%
18	12.627	1788	1792	1797	rVB	490374	417861	15.63%	1.560%
19	12.857	1825	1831	1834	rBV	354984	373082	13.96%	1.393%
20	12.998	1851	1855	1859	rVB	2970001	2658839	99.48%	9.929%
21	13.074	1863	1868	1871	rBV3	22363	38197	1.43%	0.143%
22	13.186	1884	1887	1890	rVB	61095	57806	2.16%	0.216%
23	13.251	1892	1898	1901	rBV2	59758	76825	2.87%	0.287%
24	13.574	1950	1953	1957	rBV3	30756	33419	1.25%	0.125%
25	13.686	1970	1972	1977	rVB	39843	47369	1.77%	0.177%
26	13.804	1987	1992	1994	rBV2	63029	74588	2.79%	0.279%
27	13.857	1999	2001	2005	rVV2	35897	62660	2.34%	0.234%
28	13.898	2005	2008	2013	rVB3	50100	73597	2.75%	0.275%
29	14.051	2020	2034	2037	rBV2	1179047	1583195	59.23%	5.912%
30	14.074	2037	2038	2047	rVB	224732	194713	7.28%	0.727%
31	14.157	2049	2052	2055	rVB	53022	51815	1.94%	0.193%
32	14.269	2068	2071	2075	rBV2	32517	40983	1.53%	0.153%
33	14.521	2112	2114	2119	rVB2	44244	50943	1.91%	0.190%
34	14.833	2164	2167	2170	rBV	48788	51410	1.92%	0.192%

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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_F\METHODS\8270-BF042219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.098	2208	2212	2215	rBV	159925	229842	8.60%	0.858%
36	15.180	2223	2226	2228	rBV2	51980	57651	2.16%	0.215%
37	15.404	2261	2264	2270	rVB	91340	113956	4.26%	0.426%
38	15.468	2271	2275	2280	rVB	103422	137255	5.14%	0.513%
39	15.533	2281	2286	2289	rBV	620110	781045	29.22%	2.917%
40	15.563	2289	2291	2298	rVB3	74847	95344	3.57%	0.356%
41	16.010	2365	2367	2376	rVB3	35669	56973	2.13%	0.213%

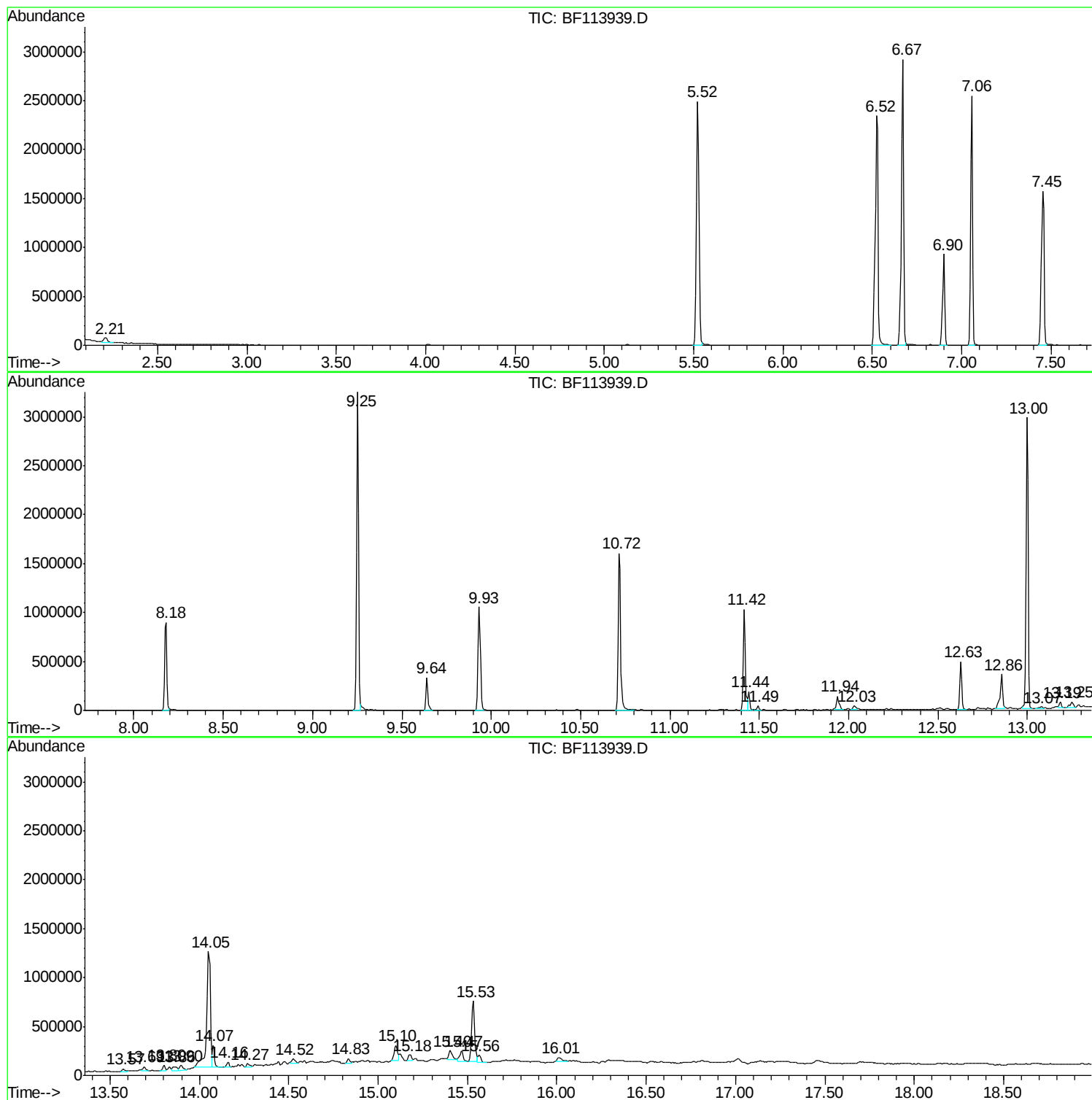
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Instrument :
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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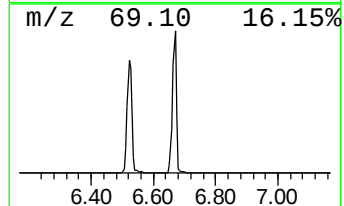
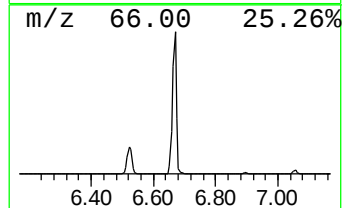
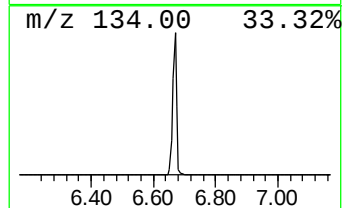
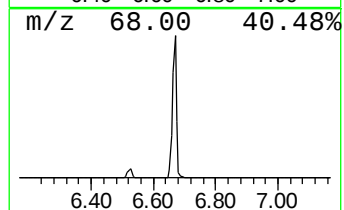
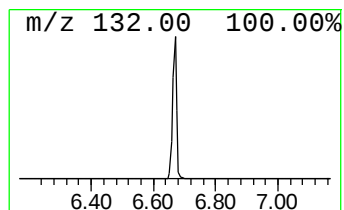
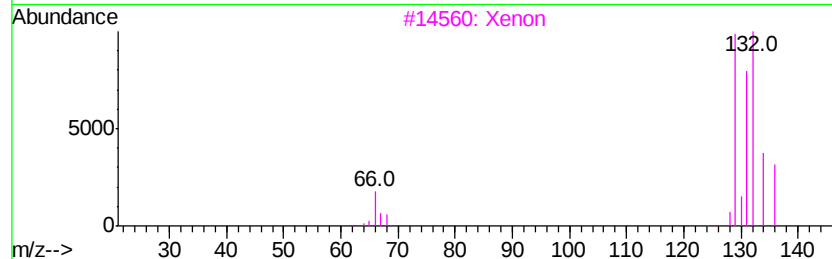
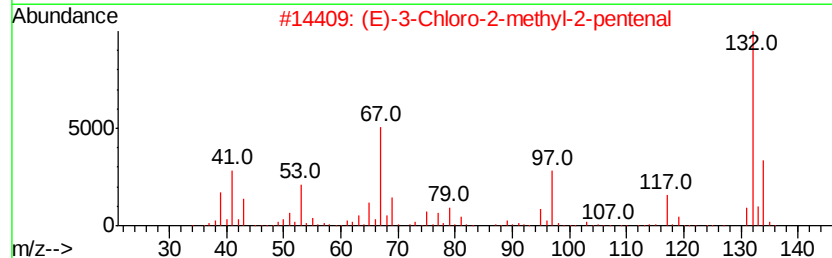
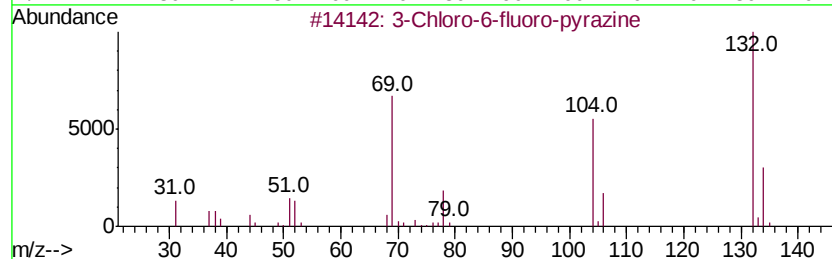
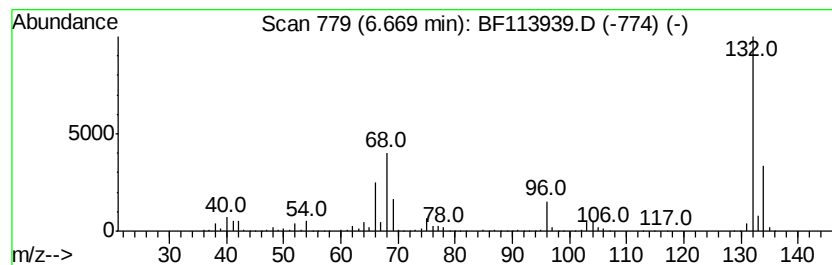
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	70.45 ng	2613030	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Xenon	132	Xe	007440-63-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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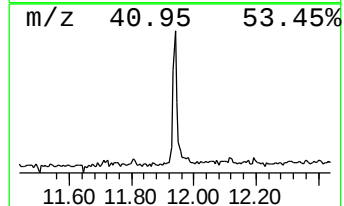
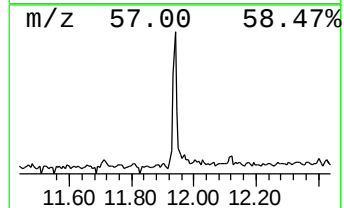
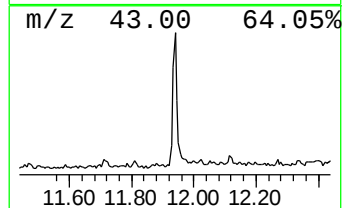
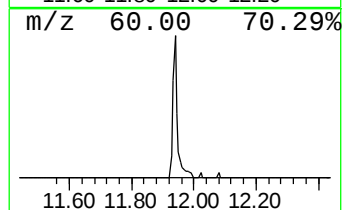
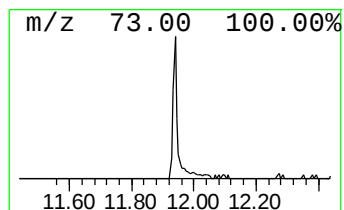
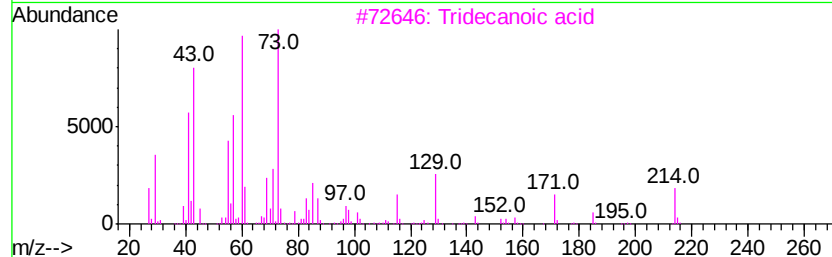
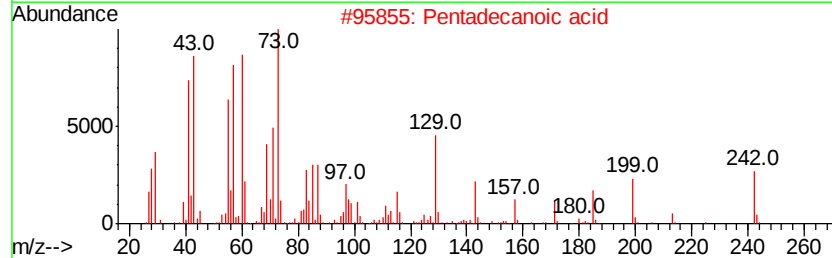
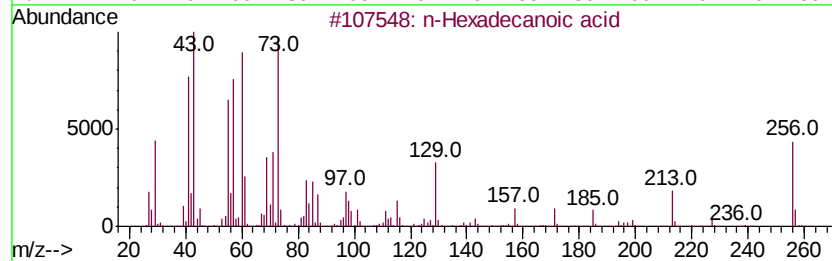
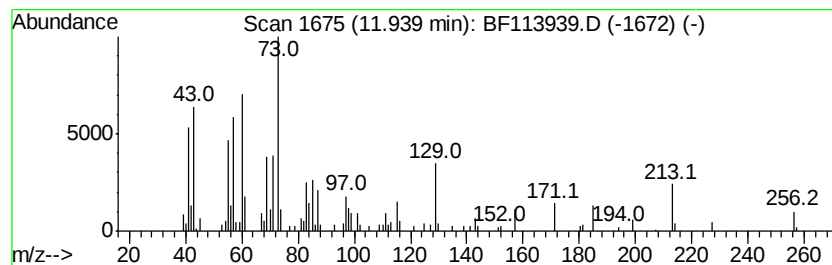
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	2.61 ng	117903	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3	Tridecanoic acid	214	C13H26O2	000638-53-9	60
4	Dodecanoic acid	200	C12H24O2	000143-07-7	52
5	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	25



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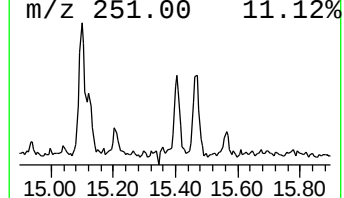
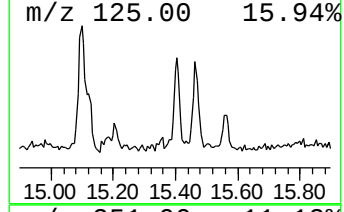
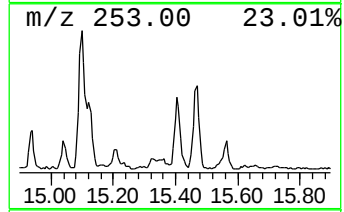
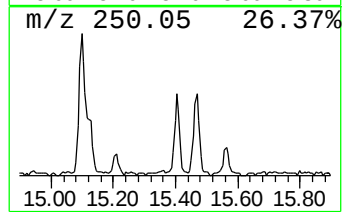
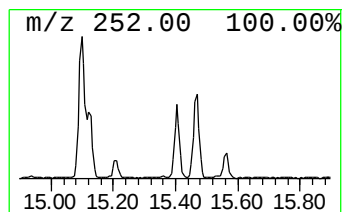
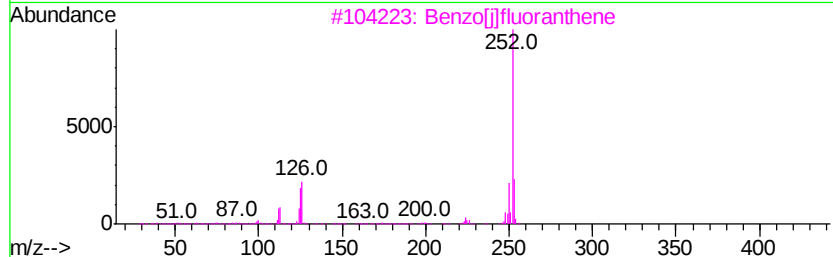
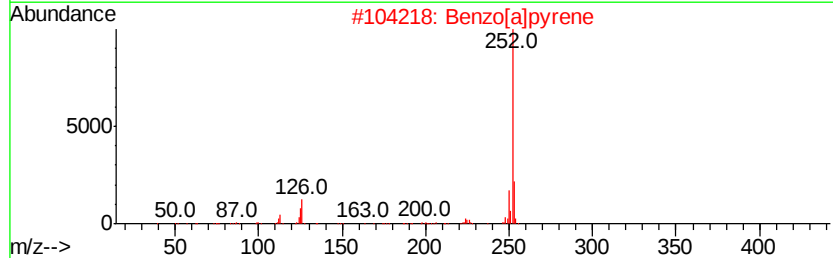
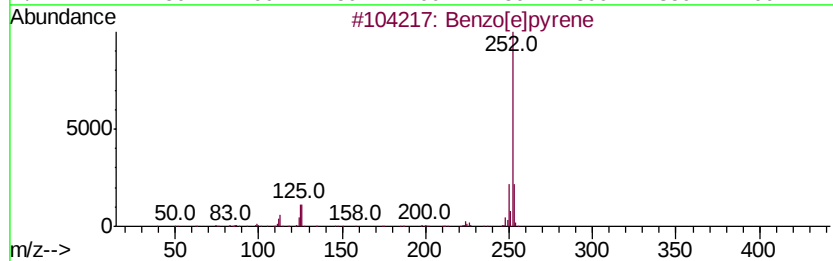
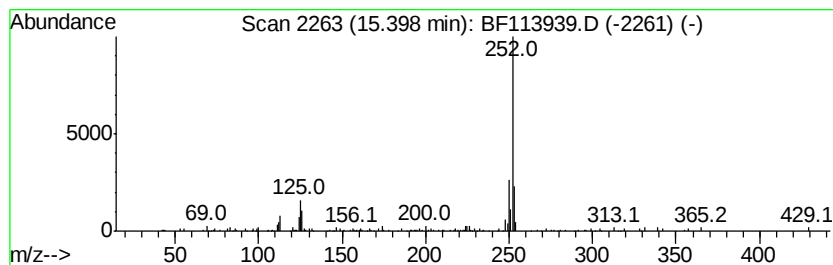
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	2.92 ng	113956	Perylene-d12	15.53

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[a]pyrene	252	C20H12	000050-32-8	96
3		Benzo[i]fluoranthene	252	C20H12	000205-82-3	95
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
5		Perylene	252	C20H12	000198-55-0	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.67	6.67	70.5	ng	2613030	1	6.90	741815	20.0
n-Hexadecanoic acid	11.94	2.6	ng	117903	4	11.42	901896	20.0
Benzo[e]pyrene	15.40	2.9	ng	113956	6	15.53	781045	20.0