

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022920\
 Data File : BF119162.D
 Acq On : 29 Feb 2020 17:00
 Operator : CG/JU
 Sample : L1696-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-052-B

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-BF022020.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	4.940	482	485	496	rVB	25395	37855	1.32%	0.125%
2	5.357	552	556	577	rBV	2209735	2197145	76.48%	7.279%
3	6.381	726	730	754	rBV	2299279	2203074	76.68%	7.298%
4	6.734	787	790	800	rBV	930565	755207	26.29%	2.502%
5	6.892	813	817	820	rBV	2085874	1964922	68.40%	6.509%
6	7.298	882	886	898	rBV	1591884	1469257	51.14%	4.867%
7	8.016	1004	1008	1017	rBV	1096773	992219	34.54%	3.287%
8	9.086	1186	1190	1194	rBV	2942687	2872889	100.00%	9.517%
9	9.481	1254	1257	1267	rBV	288190	269448	9.38%	0.893%
10	9.763	1302	1305	1309	rBV	1243311	1149187	40.00%	3.807%
11	9.798	1309	1311	1315	rVB	34052	30707	1.07%	0.102%
12	10.316	1395	1399	1403	rBV	36125	36633	1.28%	0.121%
13	10.557	1436	1440	1450	rBV	1929969	1876853	65.33%	6.218%
14	11.251	1554	1558	1560	rBV	1167258	1163827	40.51%	3.855%
15	11.269	1560	1561	1566	rVV	445981	384180	13.37%	1.273%
16	11.322	1568	1570	1574	rVB	177906	165719	5.77%	0.549%
17	11.486	1594	1598	1605	rBV3	25827	37959	1.32%	0.126%
18	11.751	1639	1643	1645	rBV	77766	71476	2.49%	0.237%
19	11.780	1645	1648	1652	rVV	269482	275195	9.58%	0.912%
20	11.827	1654	1656	1659	rVV	58386	59042	2.06%	0.196%
21	11.863	1659	1662	1664	rVV	171775	166624	5.80%	0.552%
22	11.880	1664	1665	1671	rVB	47079	45593	1.59%	0.151%
23	12.045	1688	1693	1696	rBV	65537	69778	2.43%	0.231%
24	12.298	1733	1736	1739	rBV2	46752	44878	1.56%	0.149%
25	12.339	1739	1743	1748	rVB3	35049	46783	1.63%	0.155%
26	12.392	1748	1752	1760	rBV3	27932	29186	1.02%	0.097%
27	12.463	1760	1764	1767	rBV	1068731	1018884	35.47%	3.375%
28	12.563	1778	1781	1784	rBV	68431	75367	2.62%	0.250%
29	12.610	1786	1789	1793	rVB	32376	31882	1.11%	0.106%
30	12.686	1797	1802	1806	rBV	858095	966388	33.64%	3.201%
31	12.739	1808	1811	1816	rVB2	45964	53348	1.86%	0.177%
32	12.827	1820	1826	1830	rBV	2899726	2817833	98.08%	9.335%
33	12.904	1835	1839	1844	rBV2	66382	118005	4.11%	0.391%
34	12.992	1851	1854	1855	rBV2	50002	48509	1.69%	0.161%

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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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35	13.016	1855	1858	1861	rVB	179294	177906	6.19%	0.589%
36	13.080	1866	1869	1872	rVV	145390	138345	4.82%	0.458%
37	13.121	1872	1876	1883	rVV3	93000	127463	4.44%	0.422%
38	13.216	1889	1892	1894	rBV2	45756	45117	1.57%	0.149%
39	13.245	1894	1897	1900	rBV2	46550	54386	1.89%	0.180%
40	13.533	1943	1946	1949	rBV	49208	46823	1.63%	0.155%
41	13.633	1960	1963	1966	rBV	89835	109667	3.82%	0.363%
42	13.663	1966	1968	1970	rVV	76877	69968	2.44%	0.232%
43	13.686	1970	1972	1974	rVV	74467	78165	2.72%	0.259%
44	13.727	1976	1979	1988	rVB3	211183	336383	11.71%	1.114%
45	13.886	1998	2006	2009	rBV2	1314321	1790059	62.31%	5.930%
46	13.910	2009	2010	2018	rVB	489421	357827	12.46%	1.185%
47	13.992	2021	2024	2027	rBV	92352	78985	2.75%	0.262%
48	14.039	2030	2032	2037	rBV3	50377	82329	2.87%	0.273%
49	14.233	2063	2065	2067	rBV	41139	35254	1.23%	0.117%
50	14.274	2070	2072	2074	rVB	95061	70949	2.47%	0.235%
51	14.716	2145	2147	2151	rVB	83319	71646	2.49%	0.237%
52	14.904	2176	2179	2186	rBV	426385	744180	25.90%	2.465%
53	15.192	2225	2228	2234	rVB	243785	289407	10.07%	0.959%
54	15.251	2235	2238	2244	rBV	345949	422649	14.71%	1.400%
55	15.310	2244	2248	2252	rBV	827891	1021982	35.57%	3.386%
56	16.715	2482	2487	2503	rVB	140841	343125	11.94%	1.137%
57	17.133	2555	2558	2565	rVB	83368	147810	5.14%	0.490%

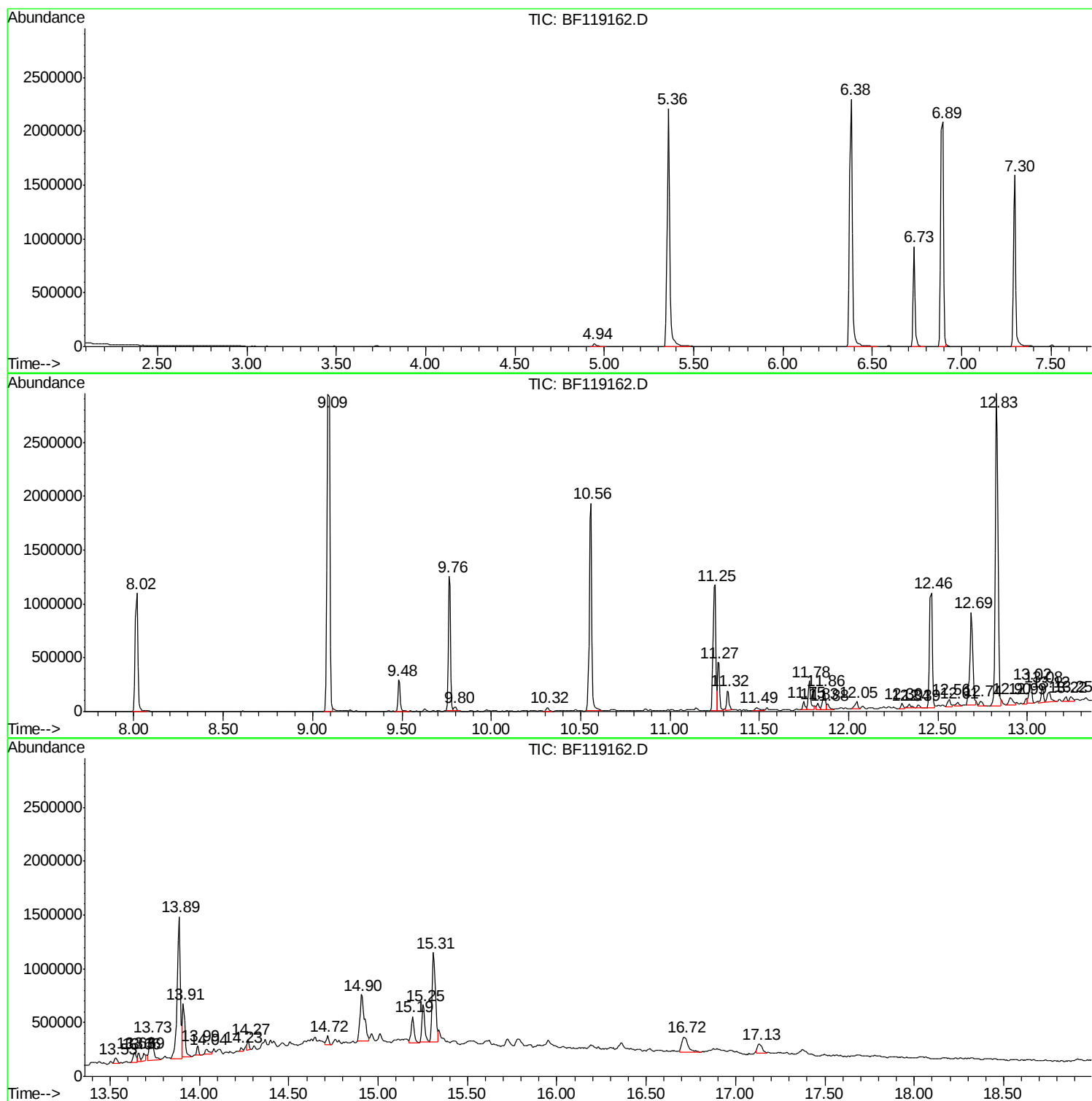
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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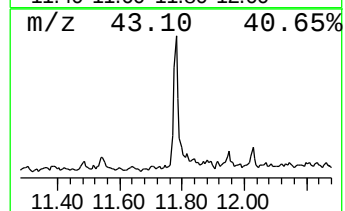
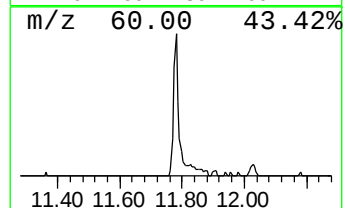
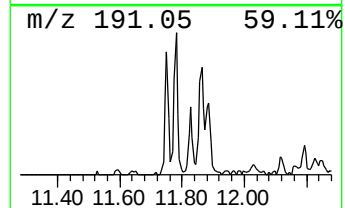
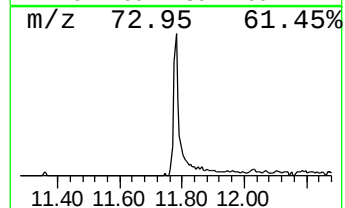
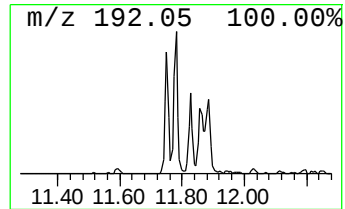
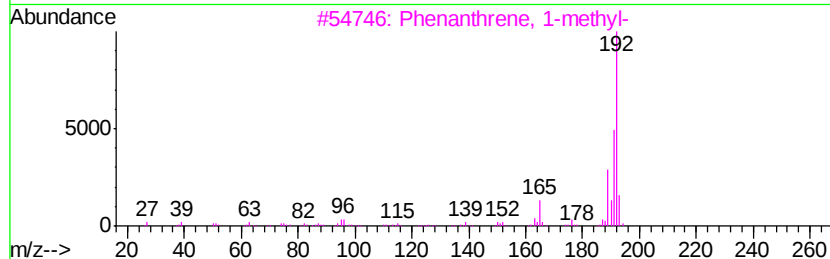
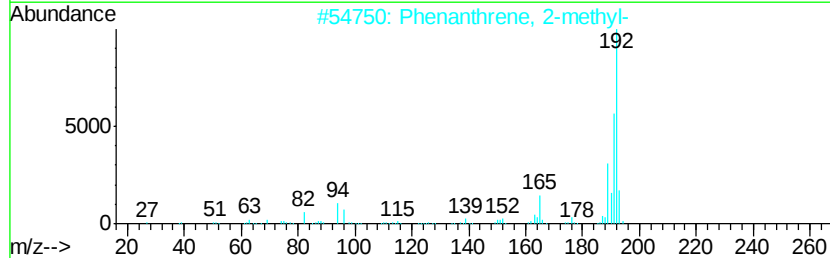
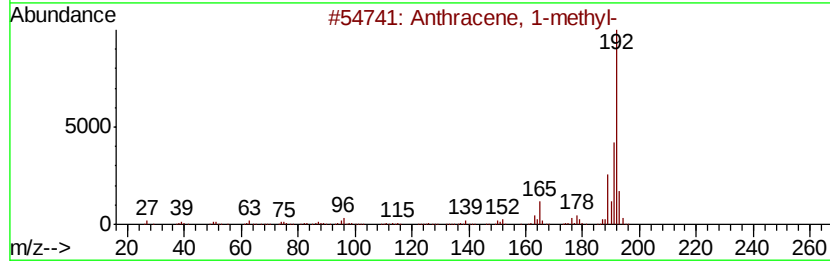
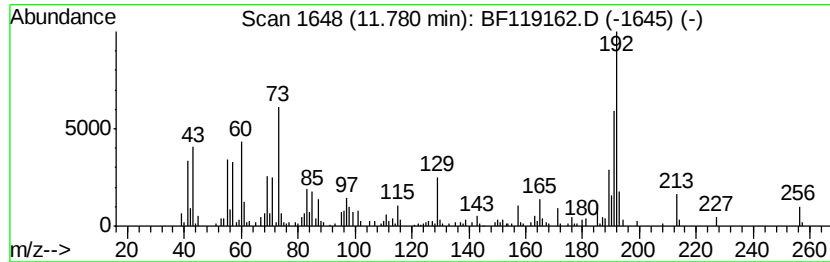
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-052-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.78	4.73 ng	275195	Phenanthrene-d10	11.25		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	92
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91



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ALS Vial : 9 Sample Multiplier: 1

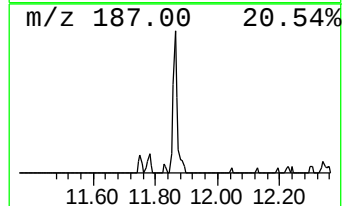
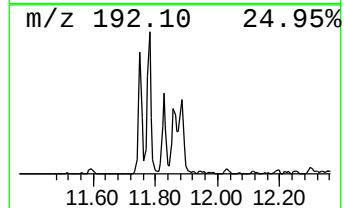
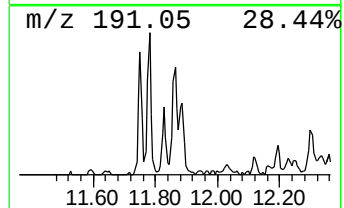
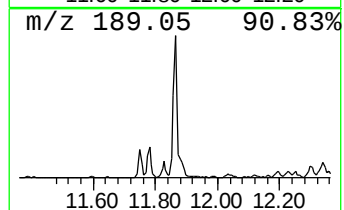
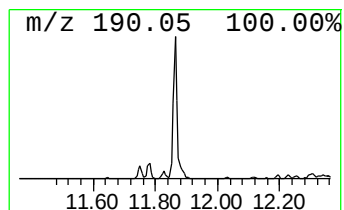
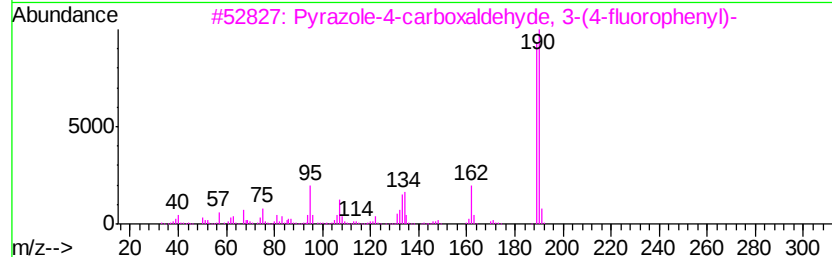
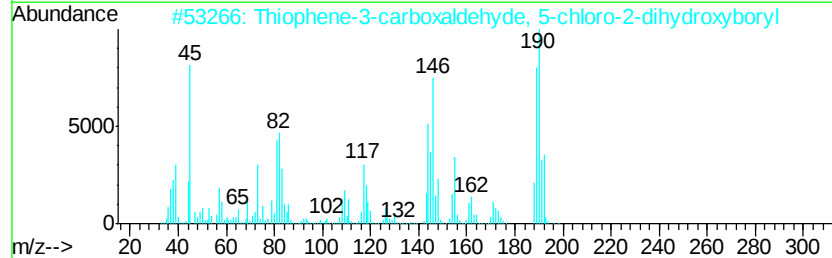
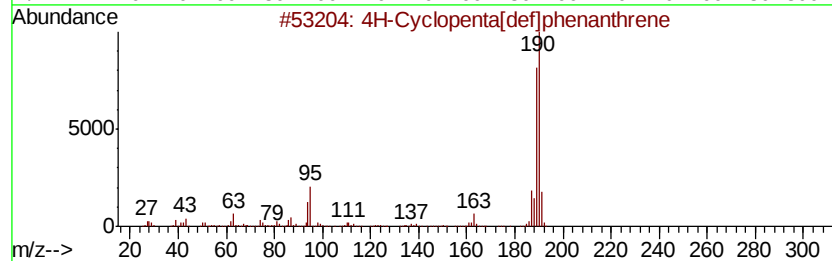
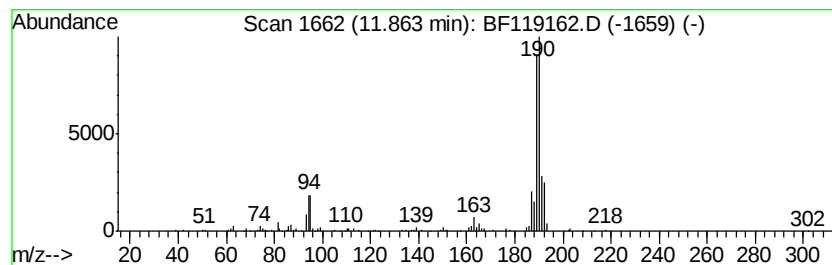
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-052-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.86	2.86 ng	166624	Phenanthrene-d10	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	Thiophene-3-carboxaldehyde, 5-chloro-2-dihydroxyboryl	190	C5H4BClO3S	036155-87-0	52
3	Pyrazole-4-carboxaldehyde, 3-(4-fluorophenyl)-	190	C10H7FN2O	306936-57-2	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	2-Naphthaldehyde, 1,2,3,4-tetrahydro-	190	C12H14O2	002472-02-8	14



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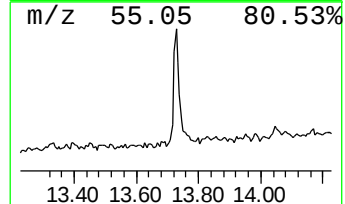
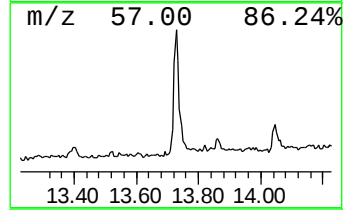
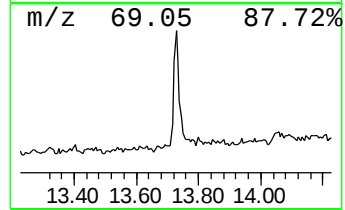
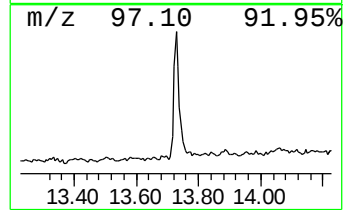
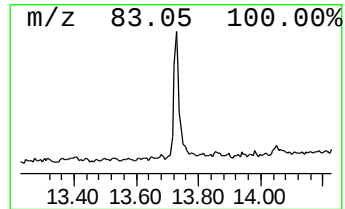
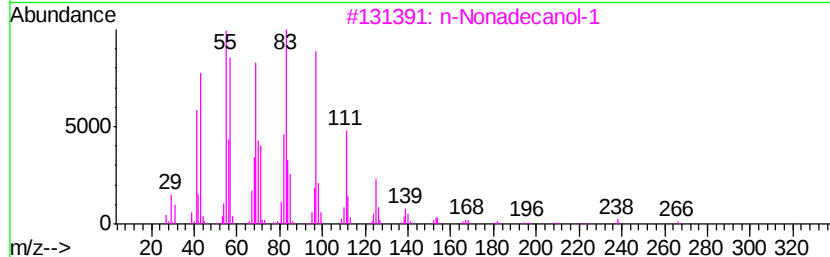
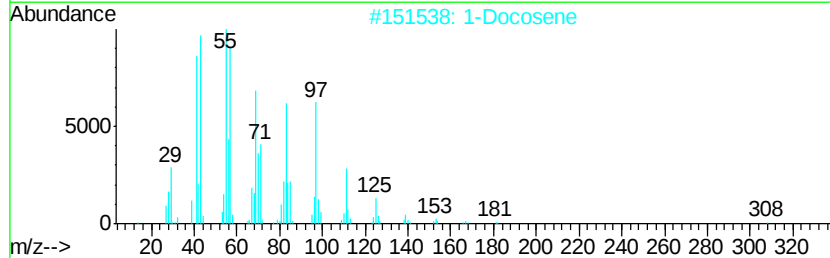
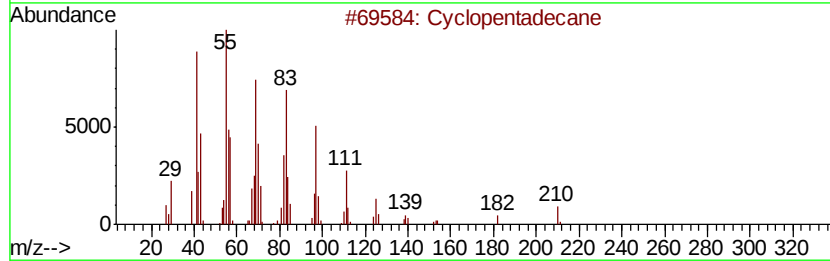
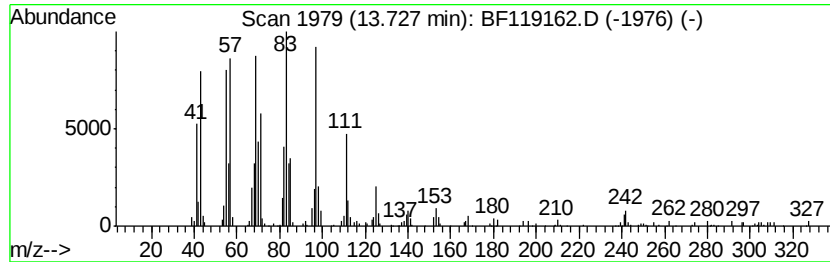
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclopentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	3.76 ng	336383	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	97
2		1-Docosene	308	C22H44	001599-67-3	94
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	93
4		Behenic alcohol	326	C22H46O	000661-19-8	91
5		1-Heneicosanol	312	C21H44O	015594-90-8	91



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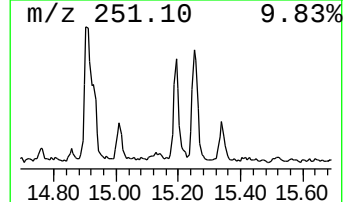
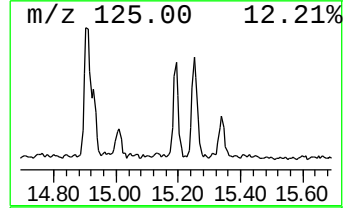
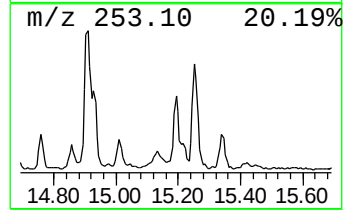
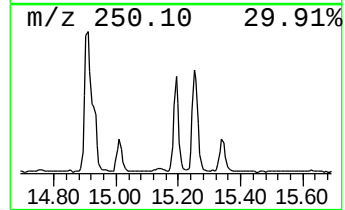
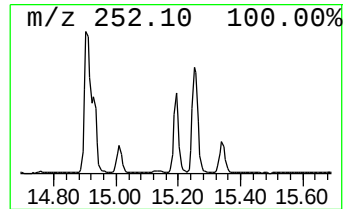
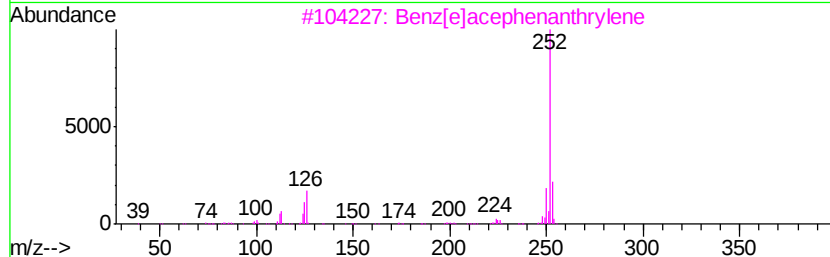
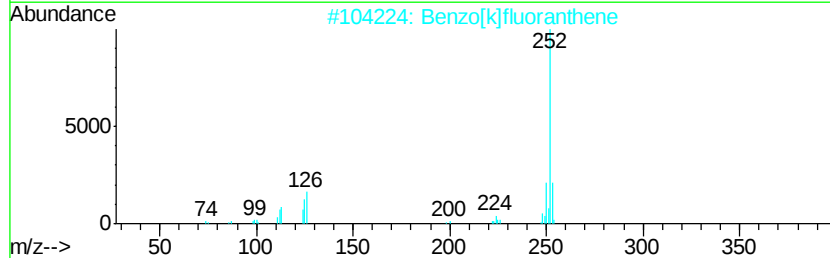
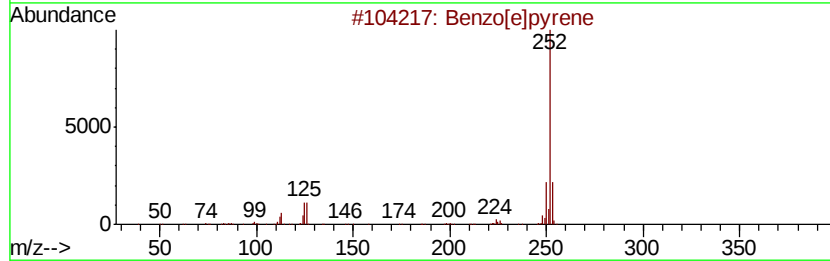
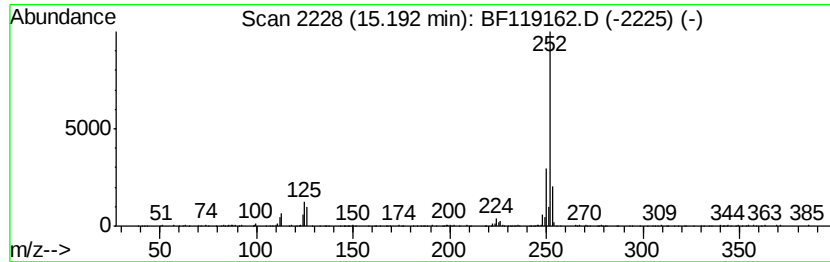
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	5.66 ng	289407	Perylene-d12	15.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4		Benzo[a]pyrene	252	C20H12	000050-32-8	93
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
Anthracene, 1-met...	11.78	4.7	ng	275195	4	11.25	1163830	20.0
4H-Cyclopenta[def...	11.86	2.9	ng	166624	4	11.25	1163830	20.0
Cyclopentadecane	13.73	3.8	ng	336383	5	13.89	1790060	20.0
Benzo[e]pyrene	15.19	5.7	ng	289407	6	15.31	1021980	20.0