

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082120\
 Data File : BF121385.D
 Acq On : 22 Aug 2020 00:25
 Operator : JU/CG
 Sample : L3734-03 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EROC-BF-1B

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-BF081920.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	3.628	257	262	271	rVB	8172	13833	1.09%	0.105%
2	4.216	359	362	367	rBV	22629	30860	2.44%	0.235%
3	4.869	469	473	486	rBV	397666	455221	36.00%	3.470%
4	5.304	544	547	564	rBV	107507	140801	11.13%	1.073%
5	6.340	719	723	737	rBV	497969	538279	42.57%	4.103%
6	6.534	750	756	761	rBV3	11979	14302	1.13%	0.109%
7	6.698	780	784	792	rBV	1049287	926868	73.30%	7.064%
8	7.257	876	879	884	rBV	451080	390710	30.90%	2.978%
9	7.298	884	886	890	rVB	20592	17636	1.39%	0.134%
10	7.981	997	1002	1005	rBV	1427541	1184960	93.71%	9.031%
11	8.575	1100	1103	1108	rBV	29038	23814	1.88%	0.182%
12	8.692	1120	1123	1127	rVB	46582	34243	2.71%	0.261%
13	8.792	1135	1140	1144	rBV	47279	45969	3.64%	0.350%
14	9.051	1181	1184	1194	rVB	937380	791974	62.63%	6.036%
15	9.139	1194	1199	1204	rBV2	37213	43799	3.46%	0.334%
16	9.251	1215	1218	1223	rVB	17603	18383	1.45%	0.140%
17	9.322	1223	1230	1233	rBV	32478	45242	3.58%	0.345%
18	9.392	1238	1242	1244	rVV	57770	57091	4.51%	0.435%
19	9.416	1244	1246	1248	rVV	38565	33655	2.66%	0.257%
20	9.451	1248	1252	1255	rVV	67619	74759	5.91%	0.570%
21	9.510	1259	1262	1266	rVB2	22901	28989	2.29%	0.221%
22	9.592	1273	1276	1279	rVB	23649	20059	1.59%	0.153%
23	9.669	1286	1289	1293	rVB	42874	33823	2.67%	0.258%
24	9.733	1293	1300	1303	rBV	1377938	1264521	100.00%	9.638%
25	9.763	1303	1305	1309	rVB	57662	52281	4.13%	0.398%
26	9.839	1315	1318	1321	rBV	21339	26094	2.06%	0.199%
27	9.886	1322	1326	1330	rVV6	10272	16028	1.27%	0.122%
28	9.933	1330	1334	1337	rVV	37168	39428	3.12%	0.301%
29	9.975	1339	1341	1348	rVB3	25592	31620	2.50%	0.241%
30	10.045	1351	1353	1356	rBV	20974	20321	1.61%	0.155%
31	10.133	1365	1368	1370	rBV	19772	21560	1.70%	0.164%
32	10.163	1370	1373	1377	rVB2	42762	40611	3.21%	0.310%
33	10.275	1389	1392	1398	rVB2	61656	66412	5.25%	0.506%
34	10.339	1398	1403	1405	rBV2	18414	26590	2.10%	0.203%

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35	10.363	1405	1407	1409	rVV2	27787	25811	2.04%	0.197%
36	10.386	1409	1411	1414	rVV2	34963	32025	2.53%	0.244%
37	10.433	1417	1419	1423	rVB4	17555	18320	1.45%	0.140%
38	10.522	1431	1434	1437	rVB	50984	44215	3.50%	0.337%
39	10.639	1451	1454	1462	rVB3	61740	91953	7.27%	0.701%
40	10.716	1462	1467	1469	rBV3	10100	16286	1.29%	0.124%
41	10.828	1481	1486	1488	rBV3	25917	30462	2.41%	0.232%
42	10.851	1488	1490	1494	rVV3	20916	21821	1.73%	0.166%
43	10.963	1506	1509	1514	rVB5	13250	23609	1.87%	0.180%
44	11.086	1523	1530	1532	rBV3	52035	58260	4.61%	0.444%
45	11.110	1532	1534	1542	rVB	65868	72305	5.72%	0.551%
46	11.216	1548	1552	1554	rBV	1301494	1094267	86.54%	8.340%
47	11.239	1554	1556	1559	rVV	339631	265142	20.97%	2.021%
48	11.292	1562	1565	1568	rVB	83566	78897	6.24%	0.601%
49	11.327	1568	1571	1573	rBV2	16462	17634	1.39%	0.134%
50	11.463	1589	1594	1596	rBV4	18232	29147	2.30%	0.222%
51	11.510	1599	1602	1605	rBV	48523	35765	2.83%	0.273%
52	11.545	1605	1608	1613	rVB	30087	36943	2.92%	0.282%
53	11.610	1617	1619	1621	rBV	35309	32609	2.58%	0.249%
54	11.675	1627	1630	1632	rBV3	15833	17000	1.34%	0.130%
55	11.716	1634	1637	1639	rVV	88440	76115	6.02%	0.580%
56	11.745	1639	1642	1645	rVV	96197	82820	6.55%	0.631%
57	11.792	1647	1650	1652	rVV2	34730	34322	2.71%	0.262%
58	11.827	1652	1656	1658	rVV	103218	118418	9.36%	0.903%
59	11.851	1658	1660	1664	rVB2	60461	53456	4.23%	0.407%
60	11.916	1669	1671	1674	rBV	38202	33458	2.65%	0.255%
61	11.951	1675	1677	1680	rVB2	18428	14834	1.17%	0.113%
62	11.980	1680	1682	1685	rBV4	14956	18726	1.48%	0.143%
63	12.010	1685	1687	1691	rBV2	38968	42411	3.35%	0.323%
64	12.139	1707	1709	1711	rBV2	15366	14868	1.18%	0.113%
65	12.192	1715	1718	1721	rBV3	47075	63274	5.00%	0.482%
66	12.263	1728	1730	1733	rBV	59712	61540	4.87%	0.469%
67	12.298	1733	1736	1737	rVV3	89351	93634	7.40%	0.714%
68	12.316	1737	1739	1742	rVB3	115579	106025	8.38%	0.808%
69	12.427	1752	1758	1761	rBV	228956	213180	16.86%	1.625%
70	12.651	1792	1796	1799	rBV	231441	251601	19.90%	1.918%
71	12.680	1799	1801	1804	rVB	53959	44854	3.55%	0.342%

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72	12.798	1817	1821	1829	rVB	754456	652012	51.56%	4.969%
73	12.980	1850	1852	1856	rVB	54481	56042	4.43%	0.427%
74	13.033	1859	1861	1863	rBV	44196	44680	3.53%	0.341%
75	13.280	1901	1903	1909	rVB2	79508	69682	5.51%	0.531%
76	13.374	1917	1919	1922	rBV3	57038	52734	4.17%	0.402%
77	13.704	1973	1975	1985	rVB3	86967	128836	10.19%	0.982%
78	13.851	1995	2000	2003	rBV	991264	1075982	85.09%	8.201%
79	13.874	2003	2004	2008	rVB	88955	74628	5.90%	0.569%
80	15.268	2237	2241	2249	rBV	783367	1029137	81.39%	7.844%

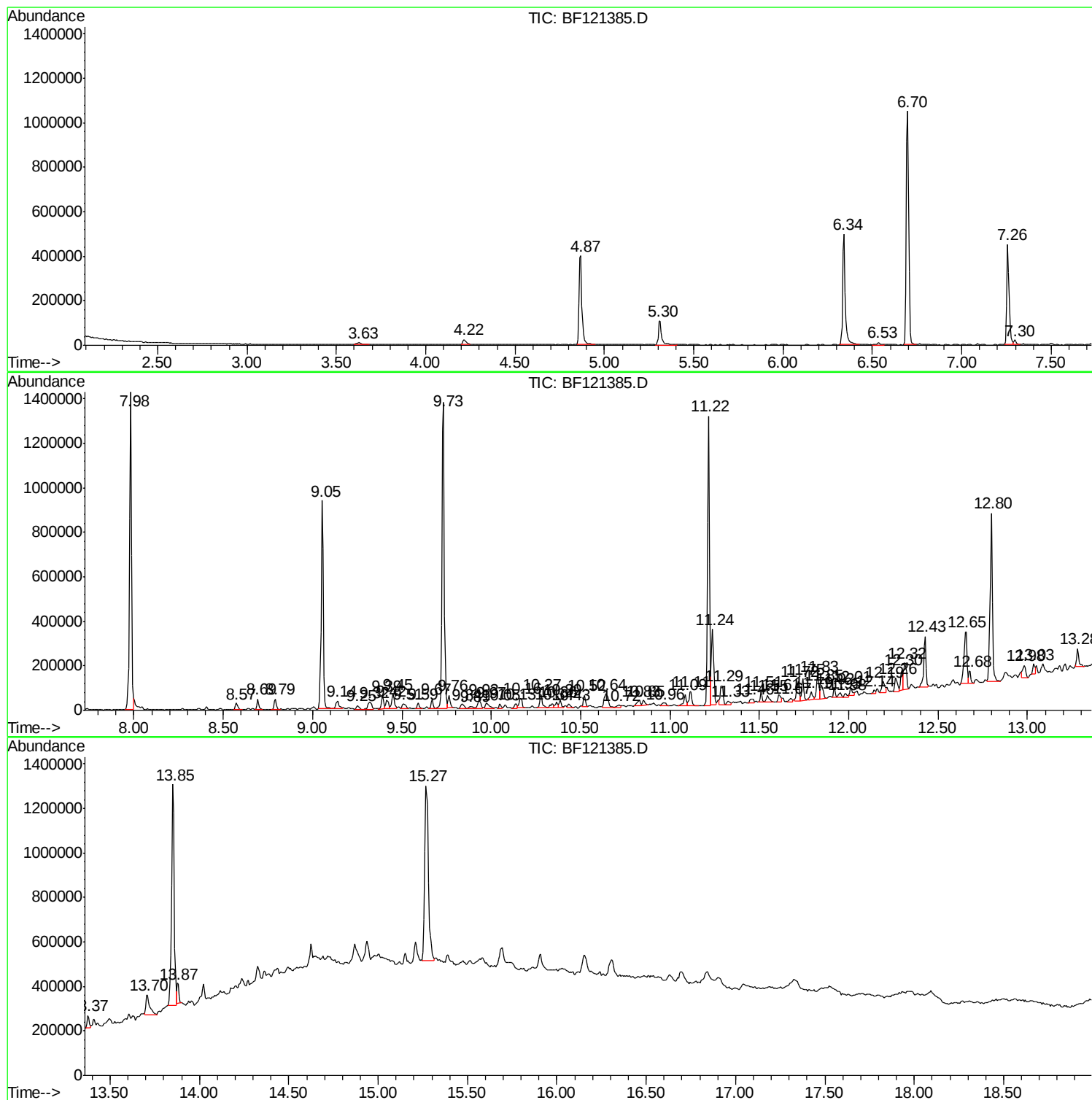
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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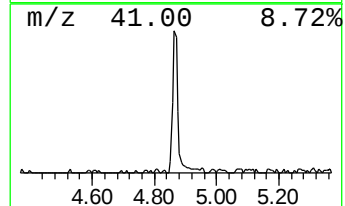
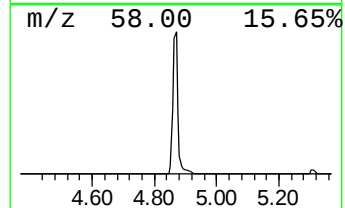
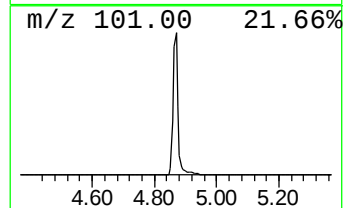
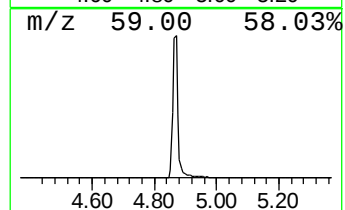
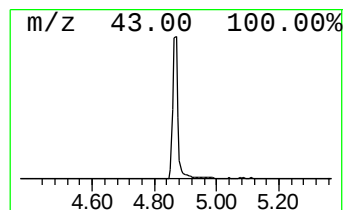
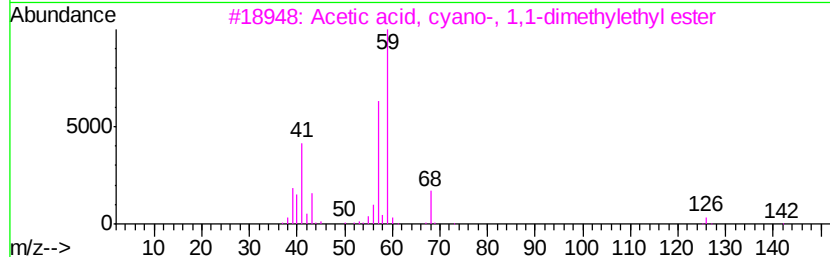
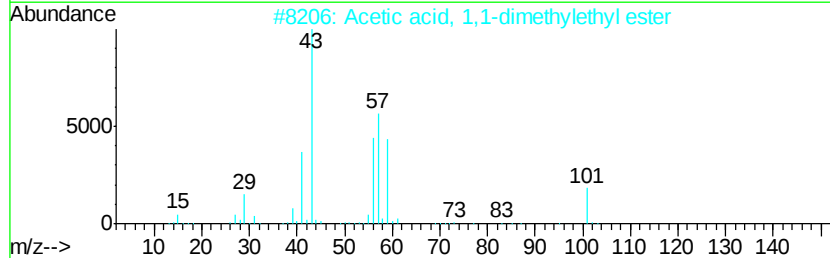
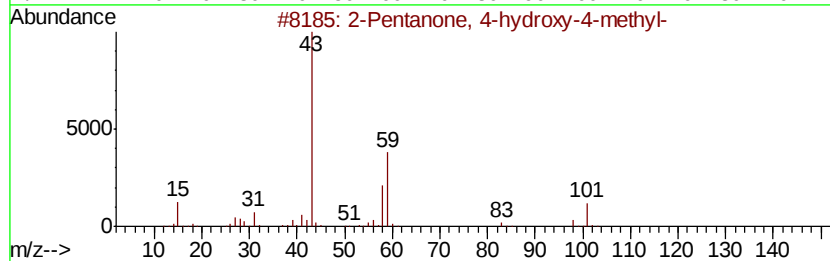
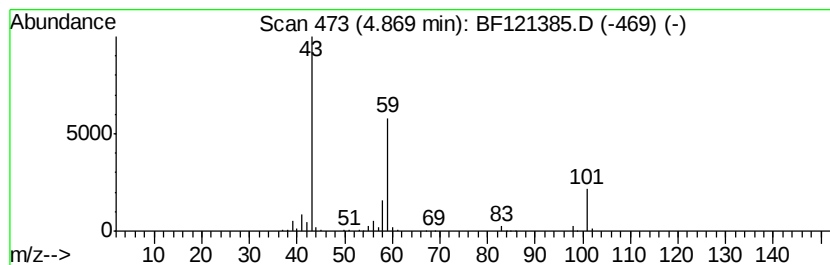
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	9.82 ng	455221	1,4-Dichlorobenzene-d4	6.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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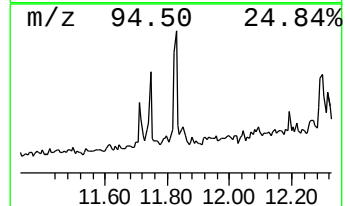
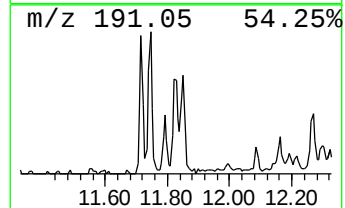
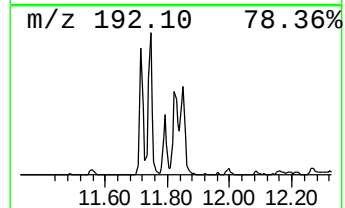
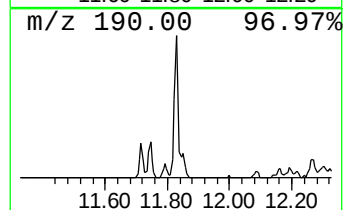
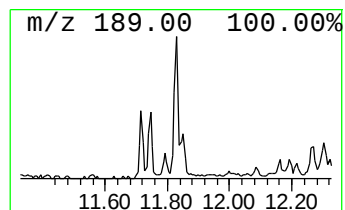
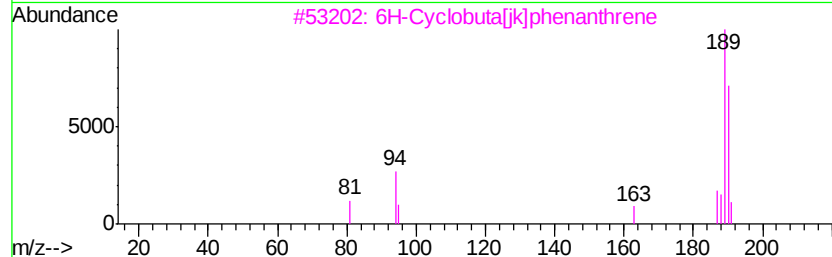
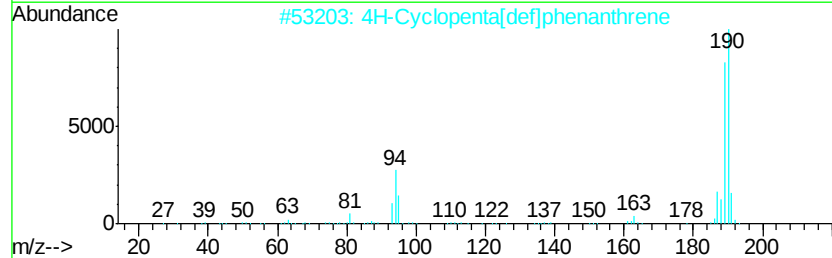
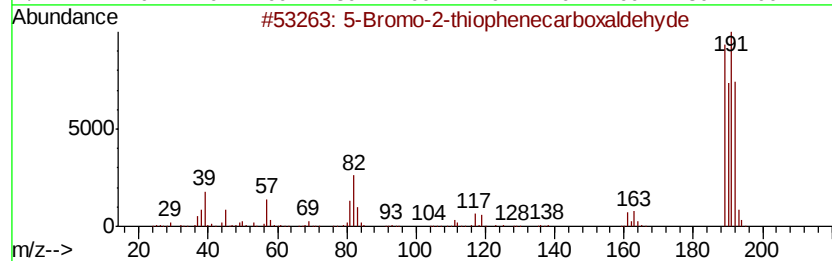
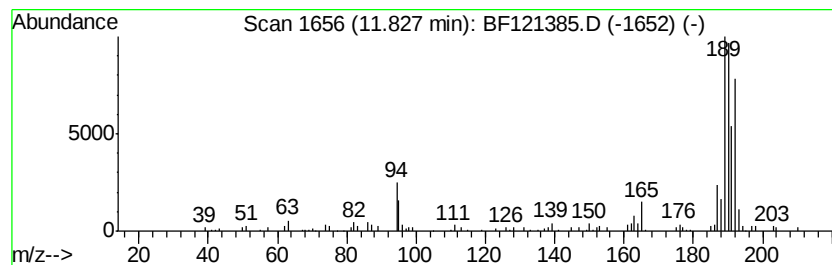
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 5-Bromo-2-thiophenecarboxal... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.83	2.16 ng	118418	Phenanthrene-d10	11.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	53
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	6H-Cyclobuta[f]phenanthrene	190	C15H10	083469-43-6	47
4	Carbonic acid, butyl 2-formyl-4,...	290	C12H12Cl2O4	1000331-42-2	43
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42



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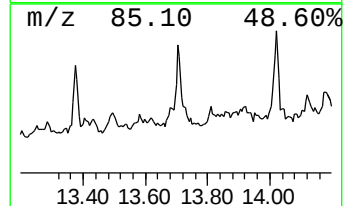
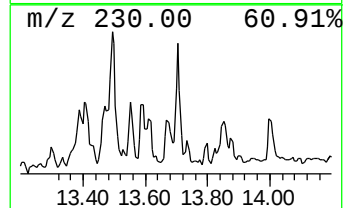
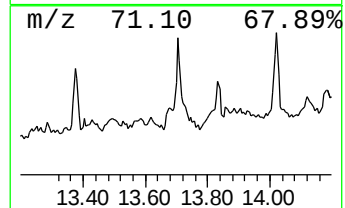
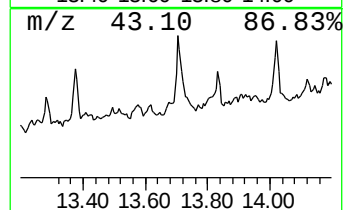
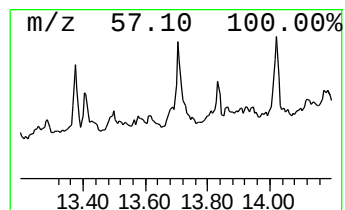
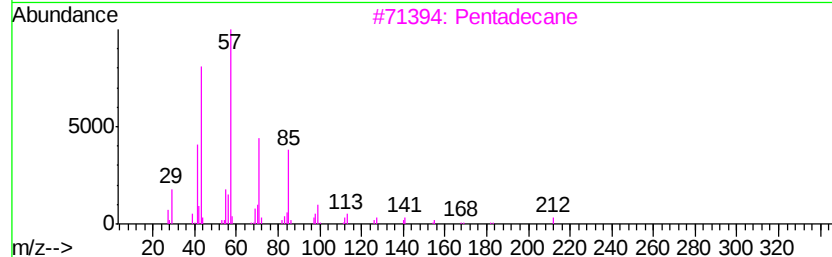
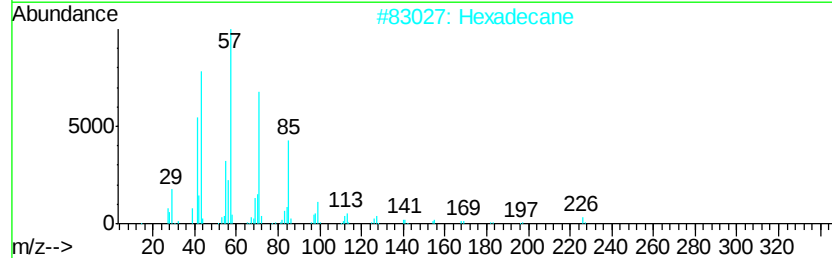
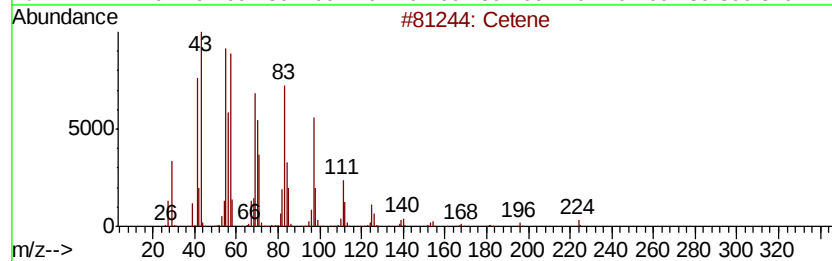
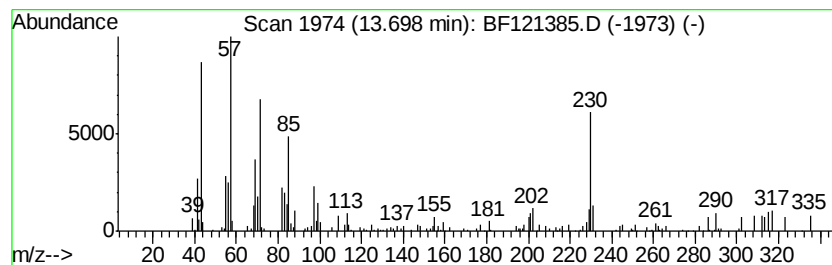
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cetene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	2.39 ng	128836	Chrysene-d12	13.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Cetene	224 C16H32	000629-73-2	83
2	Hexadecane	226 C16H34	000544-76-3	78
3	Pentadecane	212 C15H32	000629-62-9	78
4	Tetradecane	198 C14H30	000629-59-4	60
5	Sulfurous acid, octadecyl 2-prop...	376 C21H44O3S	1000309-12-7	53



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.87	9.8	ng	455221	1	6.70	926868	20.0
5-Bromo-2-thiophe...	11.83	2.2	ng	118418	4	11.22	1094270	20.0
Cetene	13.70	2.4	ng	128836	5	13.85	1075980	20.0