

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
 Data File : BF118323.D
 Acq On : 26 Dec 2019 18:23
 Operator : JU
 Sample : K6437-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-1-(3-5)

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-BF122419.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	5.046	499	503	513	rVB	372379	434603	14.84%	1.468%
2	5.463	570	574	586	rBV	2308988	2238807	76.45%	7.564%
3	6.481	743	747	766	rBV	2591188	2447381	83.57%	8.268%
4	6.616	766	770	774	rBV	2815895	2604362	88.93%	8.799%
5	6.851	806	810	816	rBV	796150	712419	24.33%	2.407%
6	7.004	832	836	847	rBV	2435874	2012322	68.71%	6.798%
7	7.416	902	906	915	rBV	1558596	1482176	50.61%	5.007%
8	8.134	1025	1028	1037	rBV	1075959	930703	31.78%	3.144%
9	9.216	1208	1212	1215	rBV	3369627	2928625	100.00%	9.894%
10	9.610	1275	1279	1282	rVB	115209	108590	3.71%	0.367%
11	9.898	1324	1328	1331	rBV	1228523	1111634	37.96%	3.756%
12	9.928	1331	1333	1337	rVB	62328	52817	1.80%	0.178%
13	10.216	1377	1382	1384	rBV2	25663	41843	1.43%	0.141%
14	10.445	1418	1421	1425	rBV	62250	56822	1.94%	0.192%
15	10.686	1458	1462	1473	rBV	2239022	2098578	71.66%	7.090%
16	10.810	1479	1483	1490	rVB9	30281	52758	1.80%	0.178%
17	11.386	1578	1581	1584	rBV	1203272	1167460	39.86%	3.944%
18	11.410	1584	1585	1589	rVV	534620	439012	14.99%	1.483%
19	11.463	1591	1594	1597	rVB	127409	122859	4.20%	0.415%
20	11.622	1618	1621	1626	rBV2	66264	76829	2.62%	0.260%
21	11.892	1664	1667	1668	rBV	56566	49599	1.69%	0.168%
22	11.916	1668	1671	1678	rVB3	381839	412446	14.08%	1.393%
23	12.004	1683	1686	1689	rBV	93158	109766	3.75%	0.371%
24	12.186	1715	1717	1720	rBV2	42210	40653	1.39%	0.137%
25	12.616	1786	1790	1793	rBV	655134	580061	19.81%	1.960%
26	12.698	1802	1804	1812	rVB6	77550	106260	3.63%	0.359%
27	12.839	1822	1828	1835	rVB	545514	560855	19.15%	1.895%
28	12.980	1848	1852	1855	rBV	3304832	2740218	93.57%	9.258%
29	13.169	1881	1884	1887	rVB2	84804	84067	2.87%	0.284%
30	13.233	1893	1895	1898	rVB	54794	49617	1.69%	0.168%
31	13.398	1920	1923	1925	rBV3	40109	47409	1.62%	0.160%
32	13.545	1946	1948	1950	rBV2	37786	34828	1.19%	0.118%
33	13.874	2001	2004	2010	rVB2	293353	394163	13.46%	1.332%
34	14.039	2028	2032	2035	rBV2	1091515	1207214	41.22%	4.078%

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GP-1-(3-5)

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	14.069	2035	2037	2043	rVB	253584	221427	7.56%	0.748%
36	14.192	2056	2058	2060	rBV2	55176	53116	1.81%	0.179%
37	15.092	2208	2211	2214	rBV	235476	287570	9.82%	0.972%
38	15.398	2261	2263	2270	rVB	134620	176569	6.03%	0.597%
39	15.468	2271	2275	2281	rBV	222862	281606	9.62%	0.951%
40	15.533	2281	2286	2290	rBV	813956	1041702	35.57%	3.519%

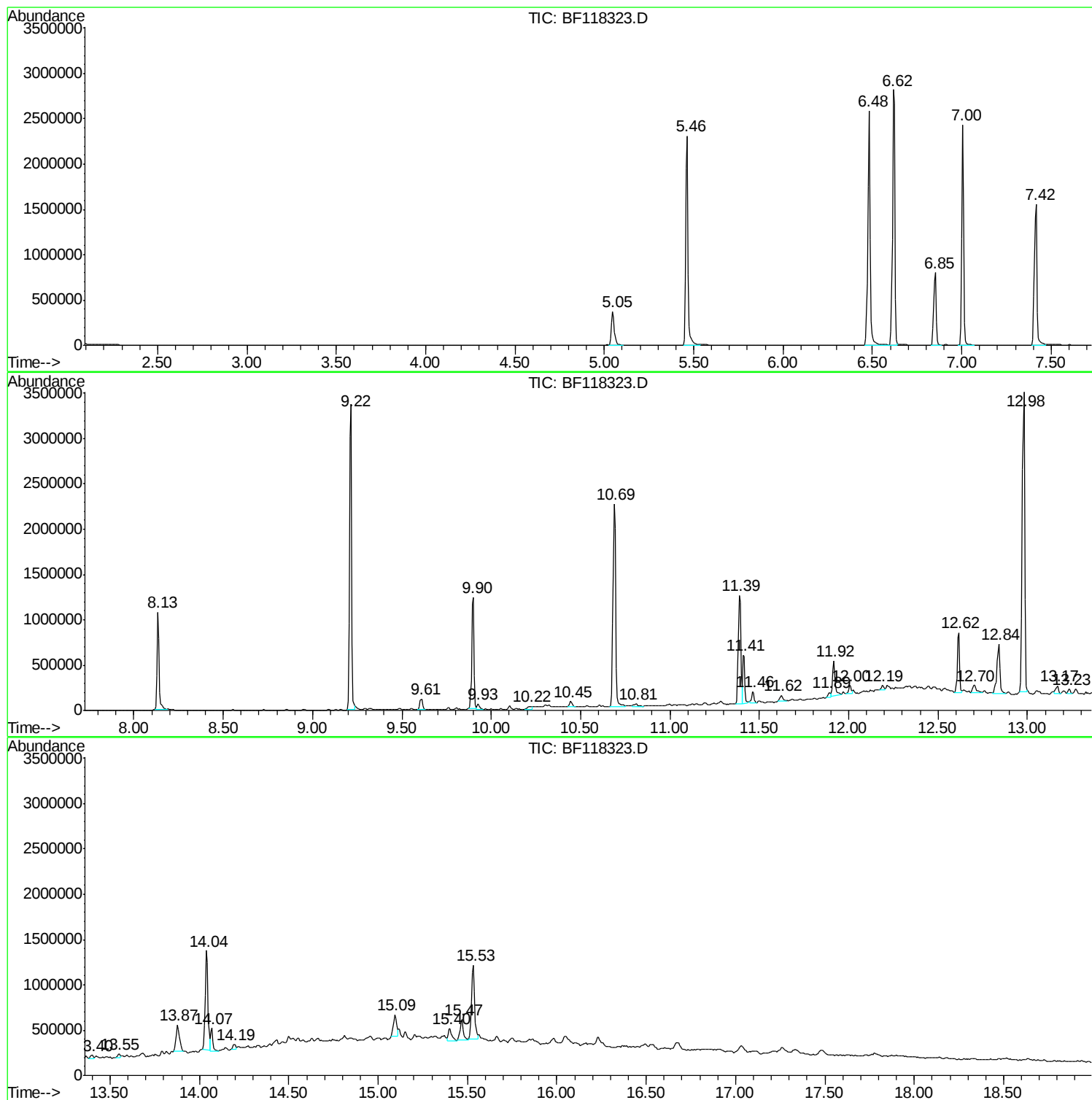
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BNA_F
ClientSampled :
GP-1-(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.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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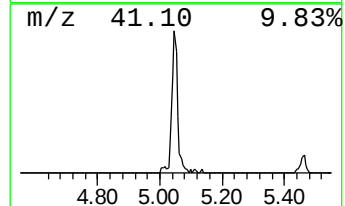
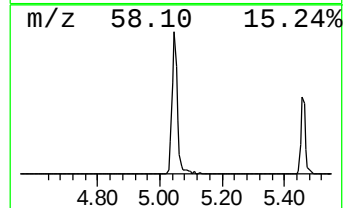
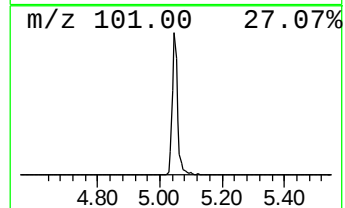
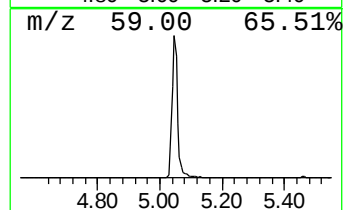
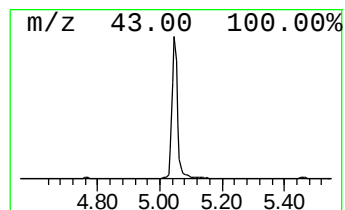
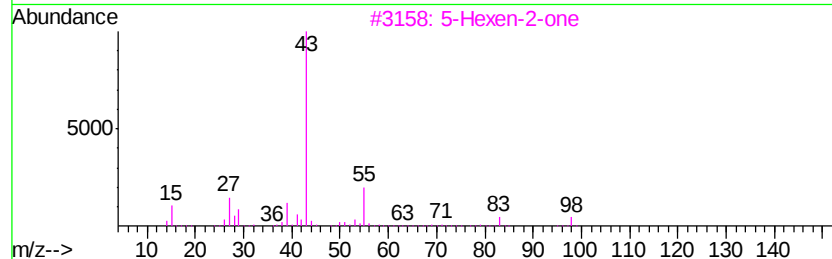
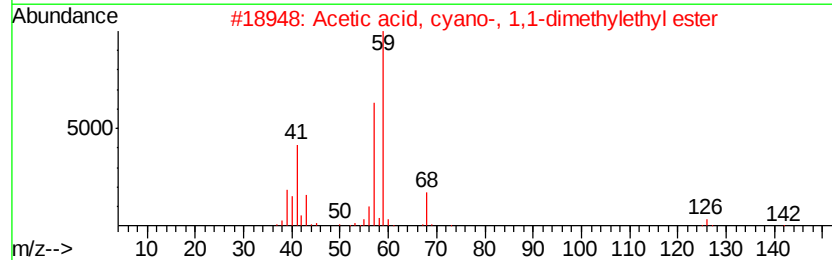
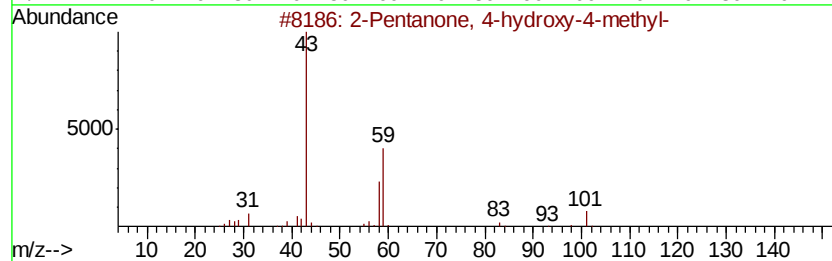
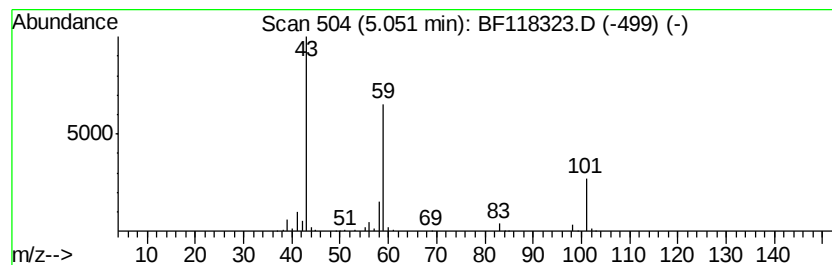
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	12.20 ng	434603	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
3		5-Hexen-2-one	98	C6H10O	000109-49-9	9
4		Acetone	58	C3H6O	000067-64-1	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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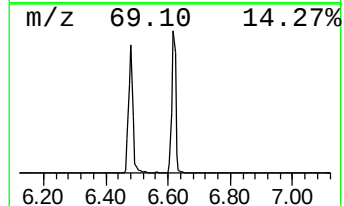
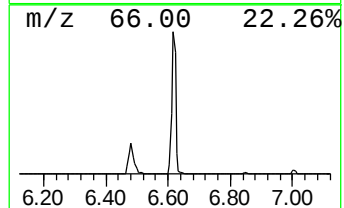
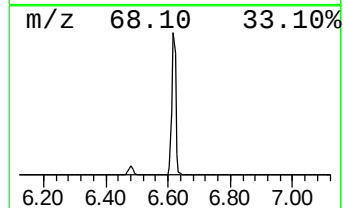
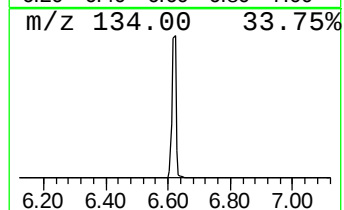
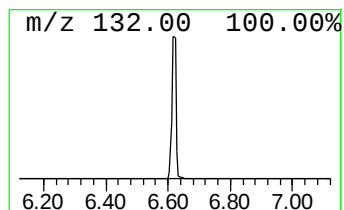
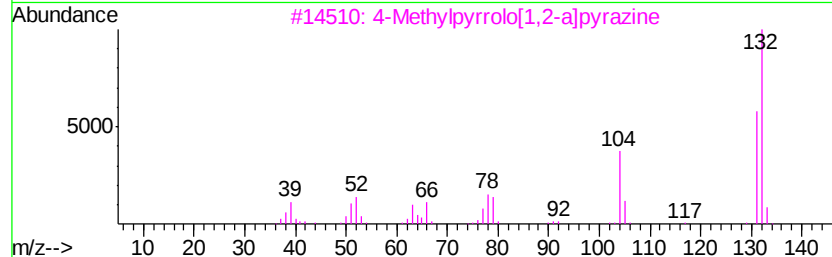
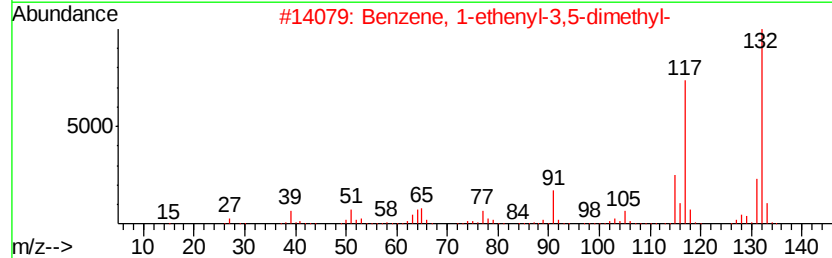
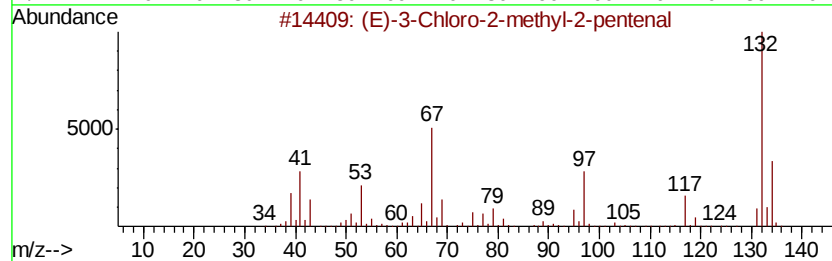
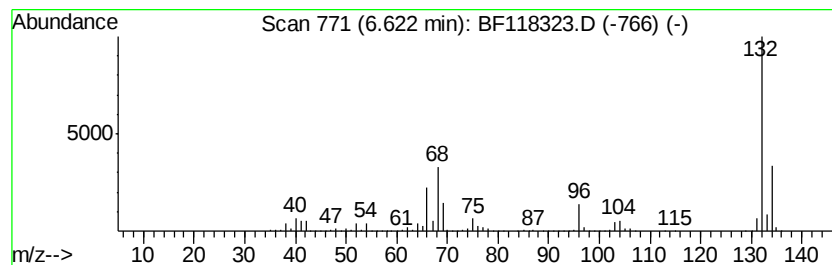
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	73.11 ng	2604360	1,4-Dichlorobenzene-d4	6.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2			Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
3			4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4			4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5			1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



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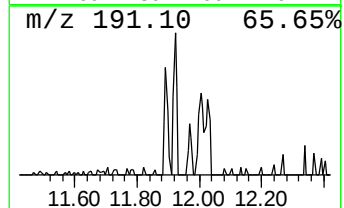
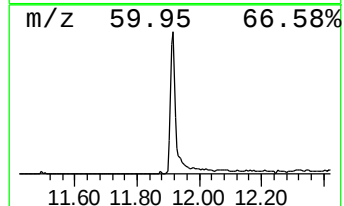
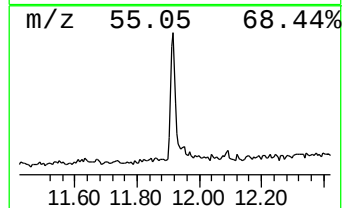
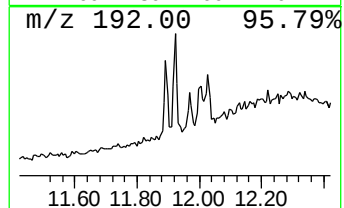
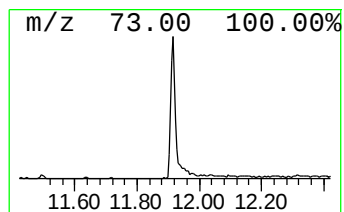
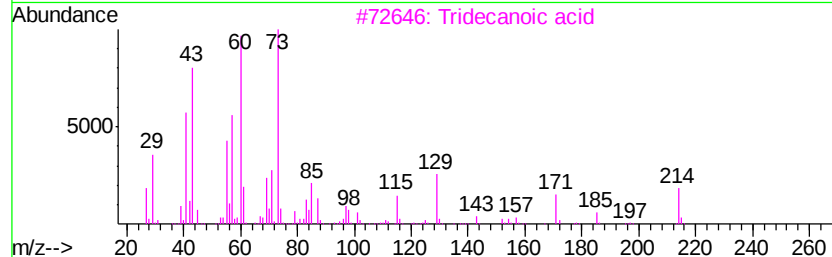
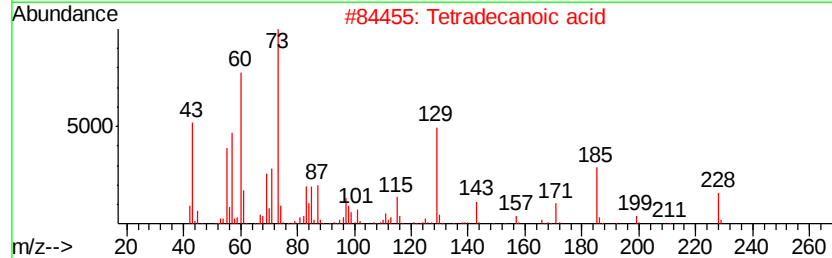
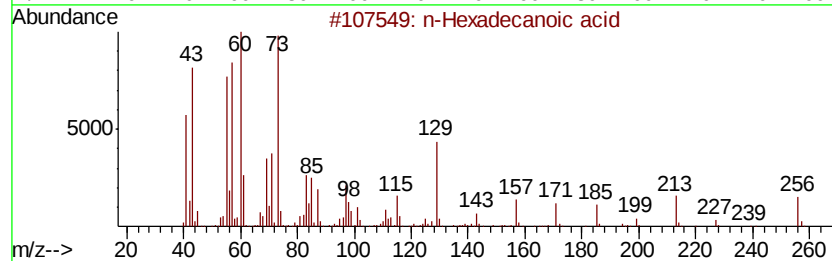
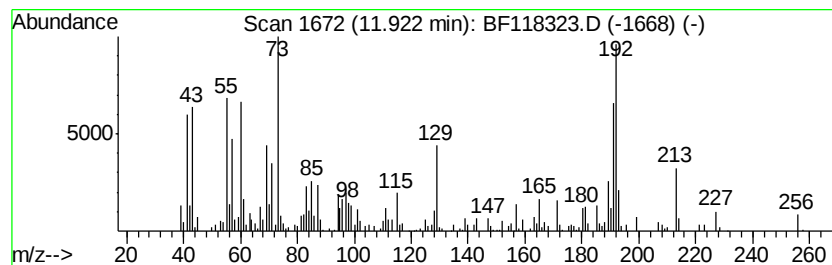
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	7.07 ng	412446	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	89
3		Tridecanoic acid	214	C13H26O2	000638-53-9	83
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5		Undecanoic acid	186	C11H22O2	000112-37-8	64



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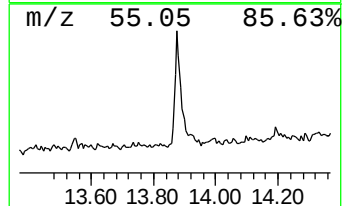
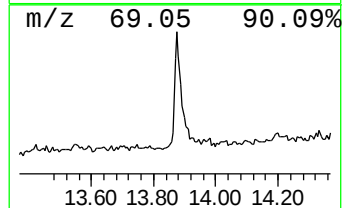
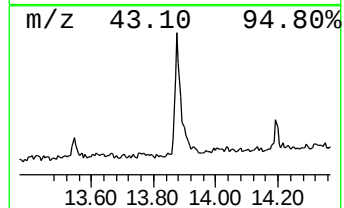
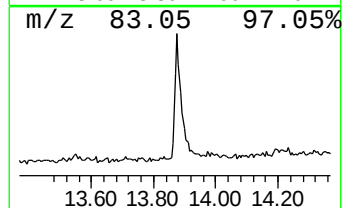
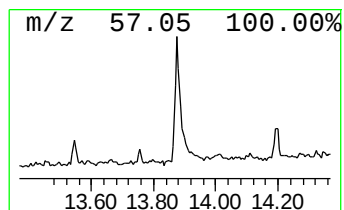
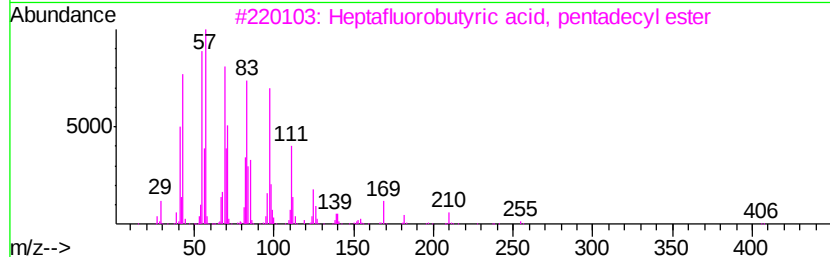
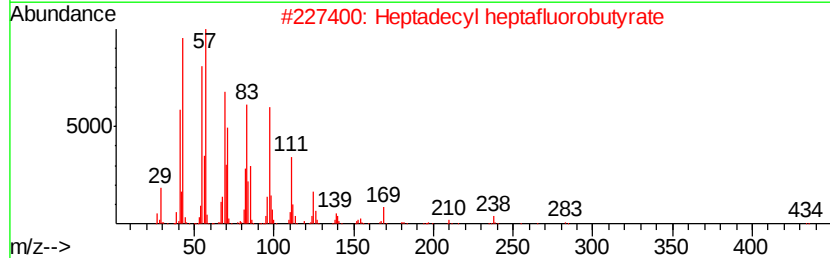
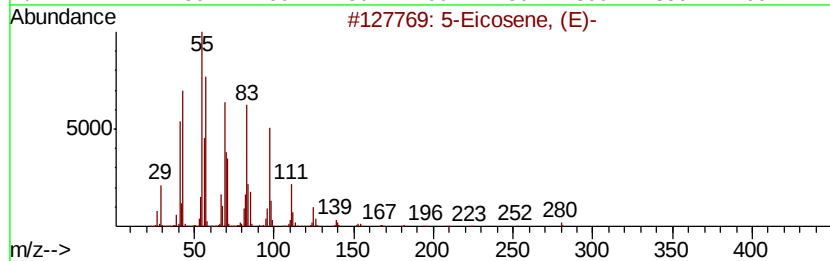
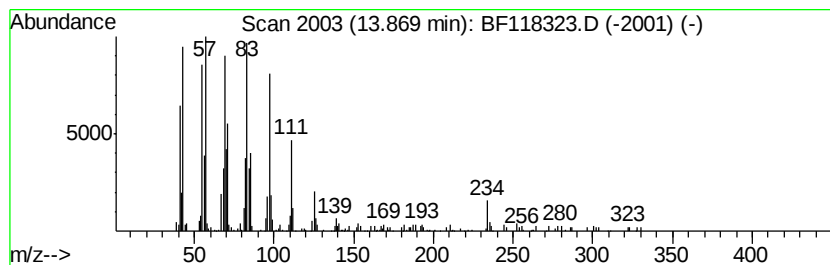
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 5-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.87	6.53 ng	394163	Chrysene-d12	14.04		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97	
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94	
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94	
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94	
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	94	



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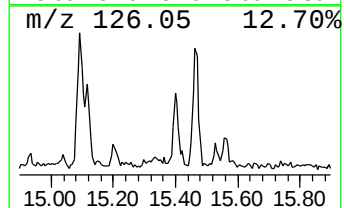
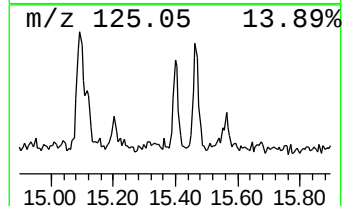
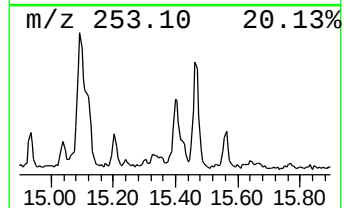
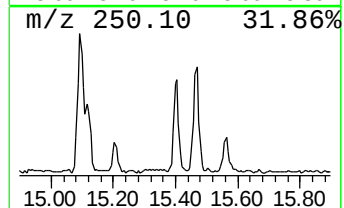
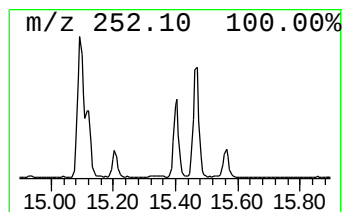
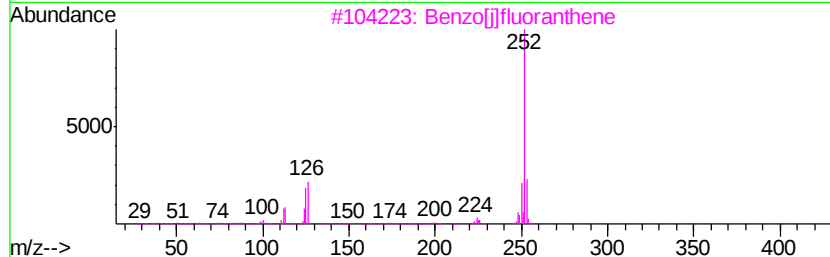
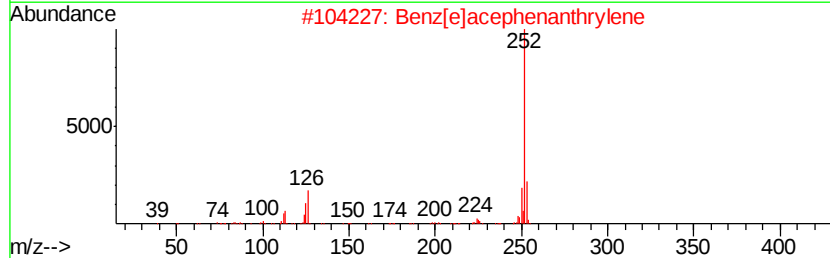
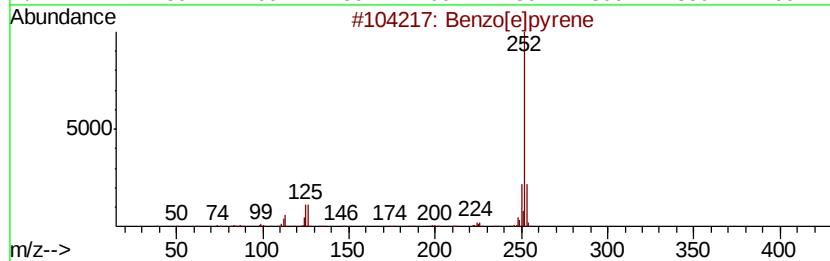
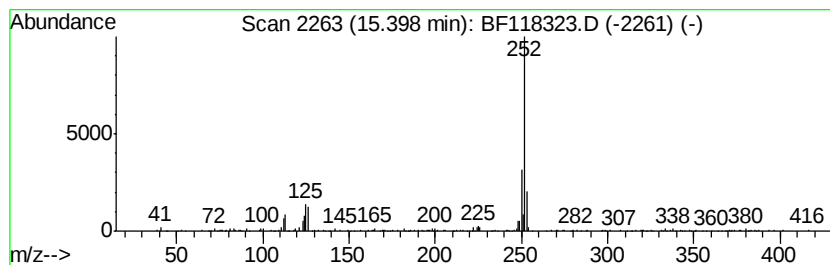
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.40	3.39 ng	176569	Perylene-d12	15.53	
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	97
3	Benzo[i]fluoranthene	252	C20H12	000205-82-3	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122619\
Data File : BF118323.D
Acq On : 26 Dec 2019 18:23
Operator : JU
Sample : K6437-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP-1-(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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-Pentanone, 4-hy...	5.05	12.2	ng	434603	1	6.85	712419	20.0
unknown6.62	6.62	73.1	ng	2604360	1	6.85	712419	20.0
n-Hexadecanoic acid	11.92	7.1	ng	412446	4	11.39	1167460	20.0
5-Eicosene, (E)-	13.87	6.5	ng	394163	5	14.04	1207210	20.0
Benzo[e]pyrene	15.40	3.4	ng	176569	6	15.53	1041700	20.0