

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100520\
 Data File : BF121833.D
 Acq On : 5 Oct 2020 23:27
 Operator : JU/CG
 Sample : L4221-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-100120

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-BF091020.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	4.957	485	488	497	rBV	12611	15397	1.38%	0.119%
2	5.381	556	560	582	rBV	847202	967388	86.63%	7.449%
3	6.404	730	734	752	rBV	895538	966623	86.57%	7.443%
4	6.604	764	768	781	rBV	22289	42833	3.84%	0.330%
5	6.763	791	795	804	rBV	769081	618466	55.39%	4.762%
6	7.328	887	891	902	rBV	641686	635099	56.88%	4.890%
7	8.045	1010	1013	1030	rVB	875686	765131	68.52%	5.891%
8	8.763	1132	1135	1141	rVB	10908	12356	1.11%	0.095%
9	8.857	1148	1151	1159	rVB	17228	15969	1.43%	0.123%
10	9.122	1192	1196	1206	rBV	1265275	1116628	100.00%	8.598%
11	9.239	1212	1216	1224	rVB	140322	131536	11.78%	1.013%
12	9.392	1238	1242	1245	rBV2	10825	13766	1.23%	0.106%
13	9.457	1250	1253	1256	rVV	22084	22101	1.98%	0.170%
14	9.516	1260	1263	1271	rVB	145788	134953	12.09%	1.039%
15	9.663	1285	1288	1292	rBV	55093	51865	4.64%	0.399%
16	9.798	1307	1311	1316	rBV	912657	744006	66.63%	5.729%
17	9.998	1341	1345	1349	rBV2	11592	12787	1.15%	0.098%
18	10.110	1361	1364	1368	rBV2	12121	13252	1.19%	0.102%
19	10.345	1401	1404	1409	rBV2	24420	28655	2.57%	0.221%
20	10.457	1417	1423	1427	rVB7	10269	13689	1.23%	0.105%
21	10.586	1441	1445	1457	rVB	554115	517004	46.30%	3.981%
22	10.716	1462	1467	1472	rVB3	17331	23363	2.09%	0.180%
23	10.892	1492	1497	1500	rBV	16035	20337	1.82%	0.157%
24	10.922	1500	1502	1505	rVB2	14239	12576	1.13%	0.097%
25	11.145	1535	1540	1543	rBV3	10217	14490	1.30%	0.112%
26	11.180	1543	1546	1553	rVB	22940	23160	2.07%	0.178%
27	11.280	1560	1563	1566	rBV	707550	682711	61.14%	5.257%
28	11.304	1566	1567	1571	rVV	218761	165735	14.84%	1.276%
29	11.357	1574	1576	1580	rVB	46296	41594	3.72%	0.320%
30	11.398	1580	1583	1585	rBV	11934	12095	1.08%	0.093%
31	11.522	1601	1604	1608	rBV5	12051	17624	1.58%	0.136%
32	11.616	1617	1620	1624	rVB	19998	21294	1.91%	0.164%
33	11.698	1631	1634	1639	rVB	12572	12769	1.14%	0.098%
34	11.786	1645	1649	1651	rBV	81007	73820	6.61%	0.568%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100520\
 Data File : BF121833.D
 Acq On : 5 Oct 2020 23:27
 Operator : JU/CG
 Sample : L4221-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-100120

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-BF091020.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.816	1651	1654	1657	rVV	88423	84898	7.60%	0.654%
36	11.863	1659	1662	1664	rVV	27378	26342	2.36%	0.203%
37	11.892	1664	1667	1670	rVV2	89734	103274	9.25%	0.795%
38	11.916	1670	1671	1676	rVB	61393	50847	4.55%	0.392%
39	11.980	1678	1682	1686	rBV3	14795	15921	1.43%	0.123%
40	12.080	1691	1699	1701	rBV2	30817	37009	3.31%	0.285%
41	12.110	1701	1704	1707	rVB	18785	18586	1.66%	0.143%
42	12.227	1722	1724	1727	rVB	19473	14734	1.32%	0.113%
43	12.263	1727	1730	1732	rBV	33065	27640	2.48%	0.213%
44	12.286	1732	1734	1736	rVB	22352	18627	1.67%	0.143%
45	12.333	1736	1742	1745	rBV	93767	103082	9.23%	0.794%
46	12.369	1745	1748	1750	rVV2	58686	66822	5.98%	0.515%
47	12.392	1750	1752	1754	rVB	28137	21943	1.97%	0.169%
48	12.422	1754	1757	1761	rBV2	36992	49521	4.43%	0.381%
49	12.492	1766	1769	1773	rVV	221487	203982	18.27%	1.571%
50	12.539	1773	1777	1779	rVV4	19958	29040	2.60%	0.224%
51	12.557	1779	1780	1783	rVV2	20844	15273	1.37%	0.118%
52	12.592	1783	1786	1790	rVV	30464	30178	2.70%	0.232%
53	12.721	1803	1808	1811	rBV	285846	292144	26.16%	2.249%
54	12.780	1815	1818	1821	rVB2	31171	35242	3.16%	0.271%
55	12.863	1829	1832	1836	rBV	1115778	1010775	90.52%	7.783%
56	12.939	1842	1845	1849	rBV2	41088	63503	5.69%	0.489%
57	12.998	1852	1855	1857	rBV3	20680	17780	1.59%	0.137%
58	13.033	1857	1861	1862	rVV3	37996	46073	4.13%	0.355%
59	13.051	1862	1864	1867	rVB3	65381	56151	5.03%	0.432%
60	13.098	1868	1872	1874	rBV	47756	57264	5.13%	0.441%
61	13.121	1874	1876	1878	rVV	32015	31862	2.85%	0.245%
62	13.157	1880	1882	1889	rVB	63351	65461	5.86%	0.504%
63	13.251	1895	1898	1900	rVB	46059	38776	3.47%	0.299%
64	13.280	1900	1903	1906	rBV	51025	43241	3.87%	0.333%
65	13.439	1927	1930	1932	rBV	34991	35694	3.20%	0.275%
66	13.780	1984	1988	1996	rVB4	108236	196864	17.63%	1.516%
67	13.921	2007	2012	2015	rBV2	908659	927103	83.03%	7.139%
68	13.945	2015	2016	2023	rVB	145154	114586	10.26%	0.882%
69	14.310	2076	2078	2080	rVB	54278	38608	3.46%	0.297%
70	14.951	2183	2187	2189	rBV	100440	140194	12.56%	1.079%
71	15.298	2243	2246	2252	rBV	100738	129603	11.61%	0.998%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100520\
Data File : BF121833.D
Acq On : 5 Oct 2020 23:27
Operator : JU/CG
Sample : L4221-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-100120

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.362	2252	2257	2266	rVV	586178	767487	68.73%	5.910%
----	--------	------	------	------	-----	--------	--------	--------	--------

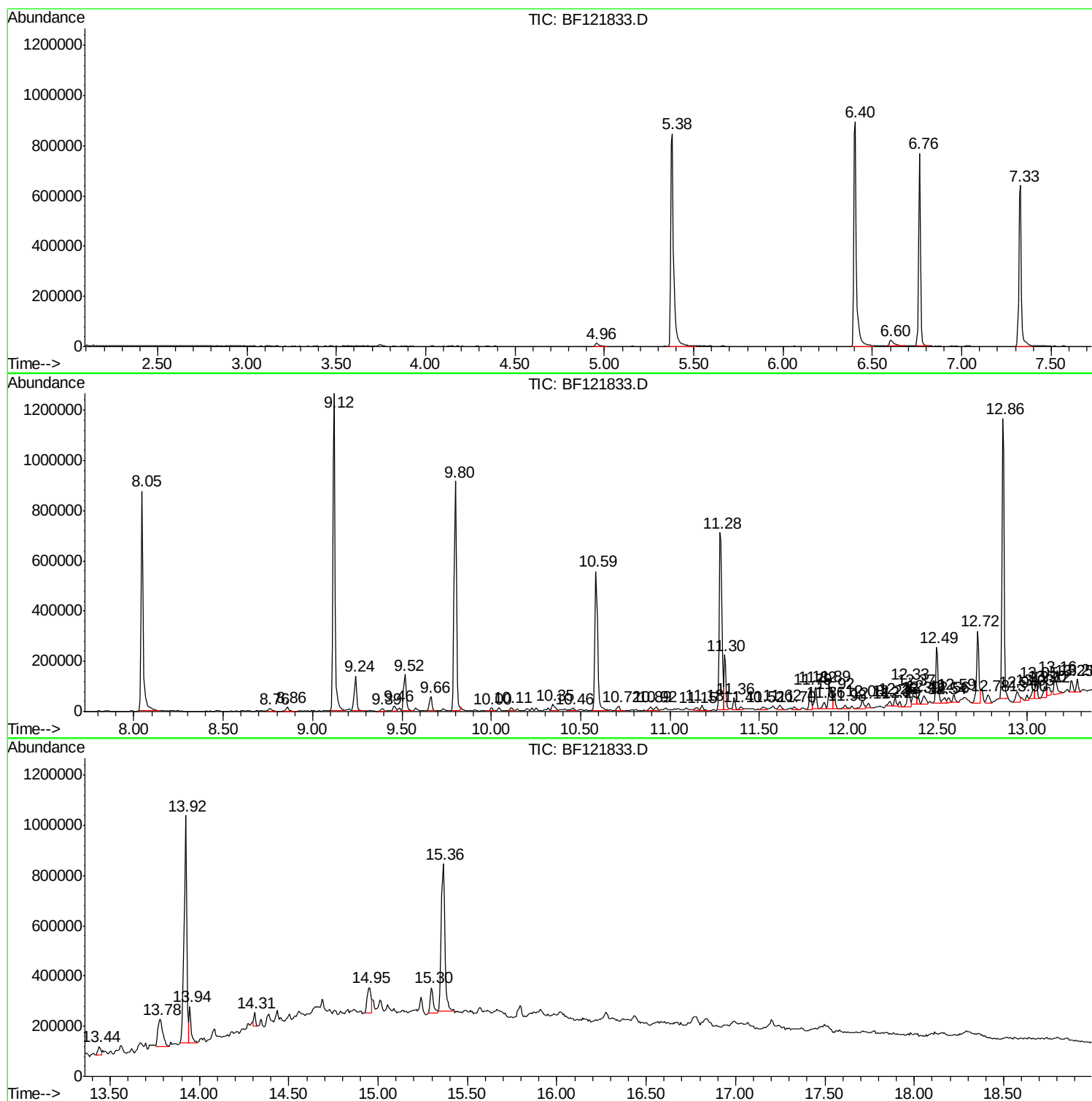
Sum of corrected areas: 12987202

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121833.D
Acq On : 5 Oct 2020 23:27
Operator : JU/CG
Sample : L4221-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-100120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121833.D
Acq On : 5 Oct 2020 23:27
Operator : JU/CG
Sample : L4221-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

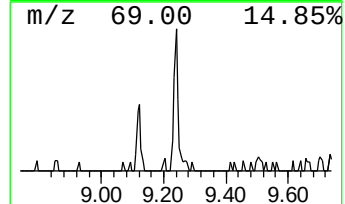
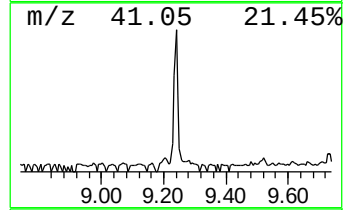
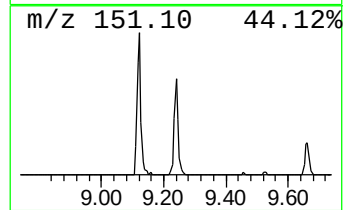
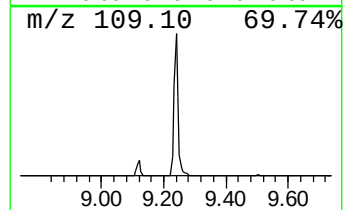
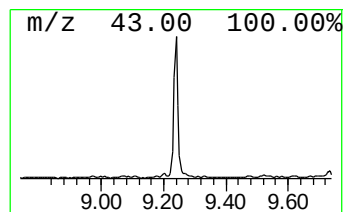
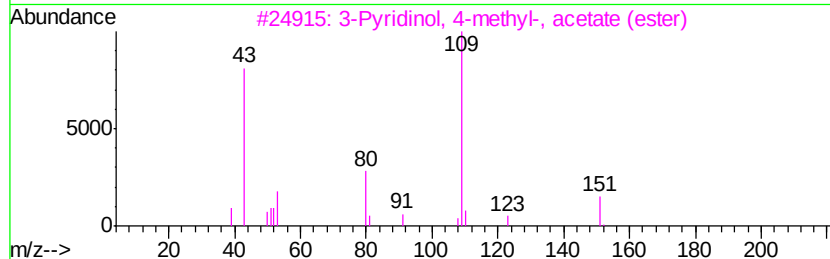
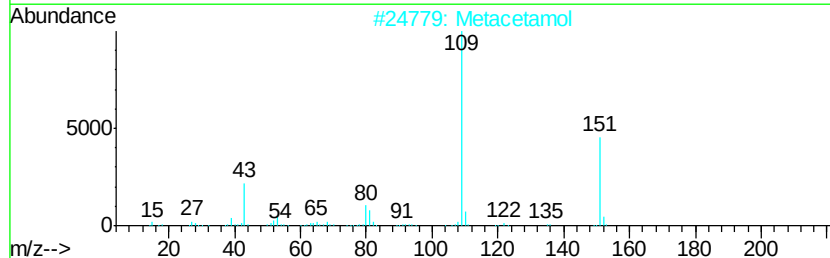
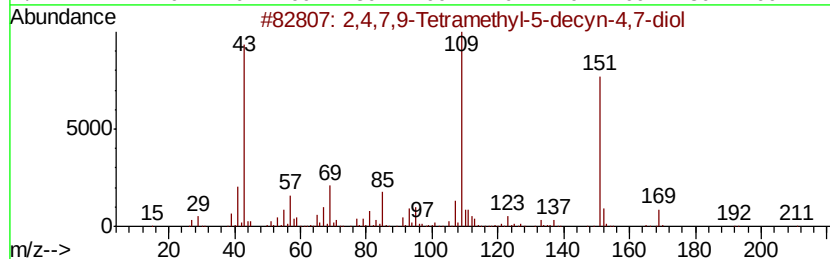
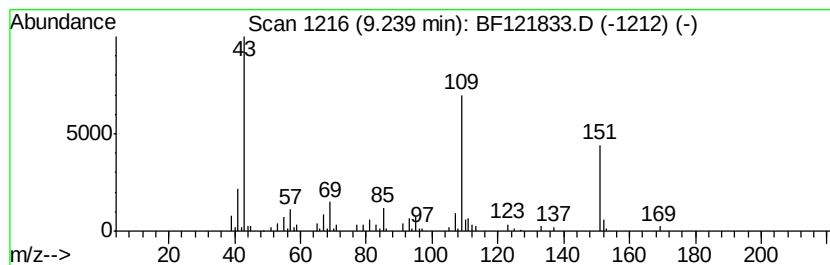
Instrument :
BNA_F
ClientSampleId :
OK-02-100120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.24	3.54 ng	131536	Acenaphthene-d10	9.80	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	Metacetamol	151	C8H9NO2	000621-42-1	53
3	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53
4	m-Isopropoxyvaniline	151	C9H13NO	041406-00-2	53
5	Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121833.D
Acq On : 5 Oct 2020 23:27
Operator : JU/CG
Sample : L4221-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

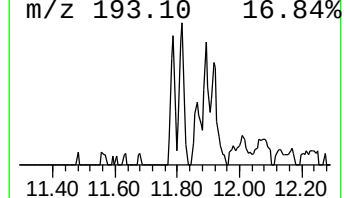
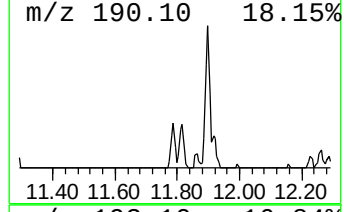
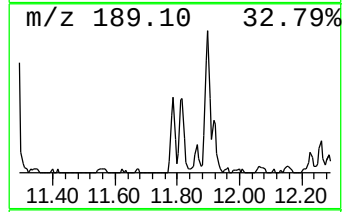
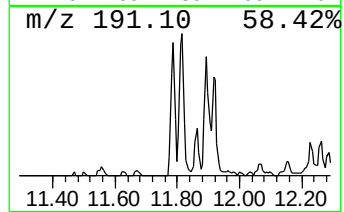
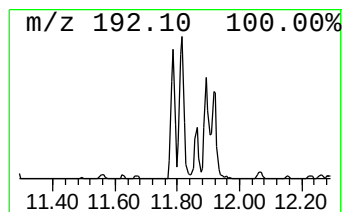
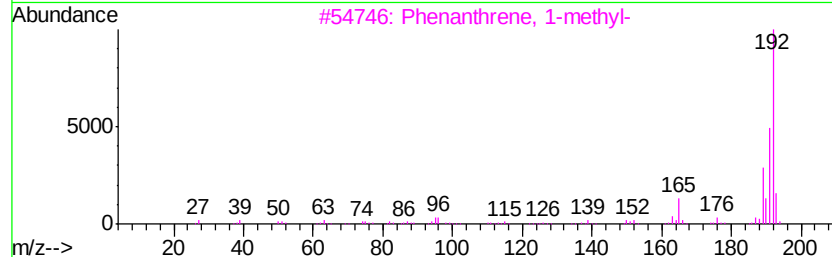
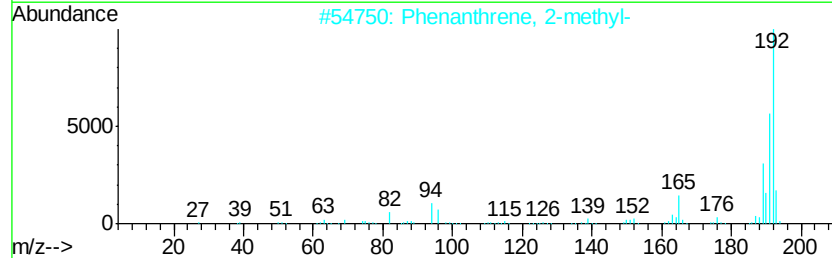
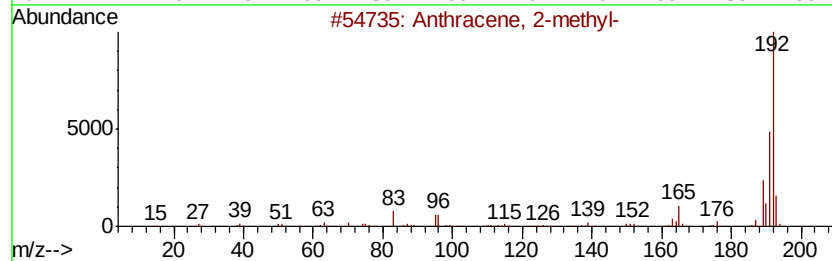
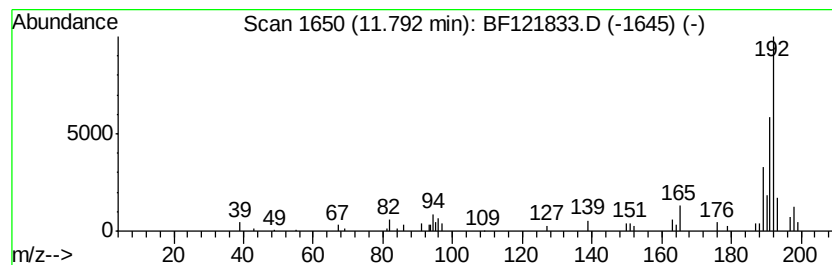
Instrument :
BNA_F
ClientSampleId :
OK-02-100120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.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, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.79	2.16 ng	73820	Phenanthrene-d10	11.28	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121833.D
Acq On : 5 Oct 2020 23:27
Operator : JU/CG
Sample : L4221-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

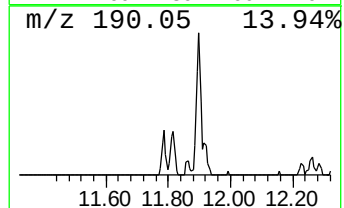
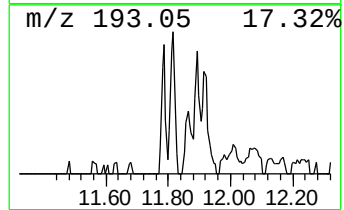
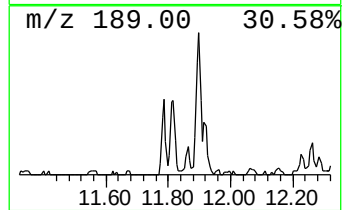
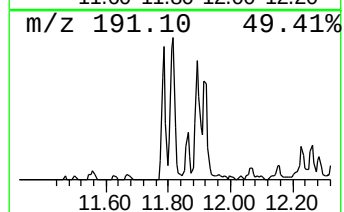
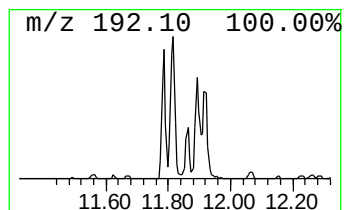
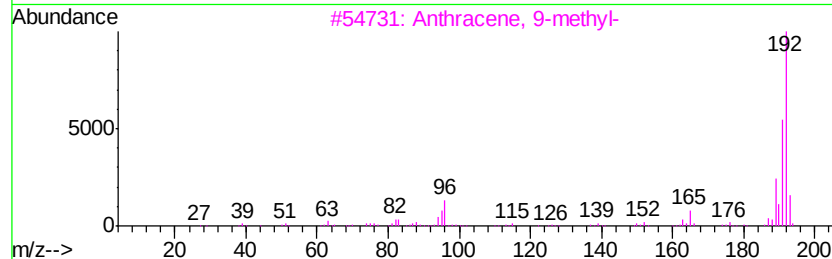
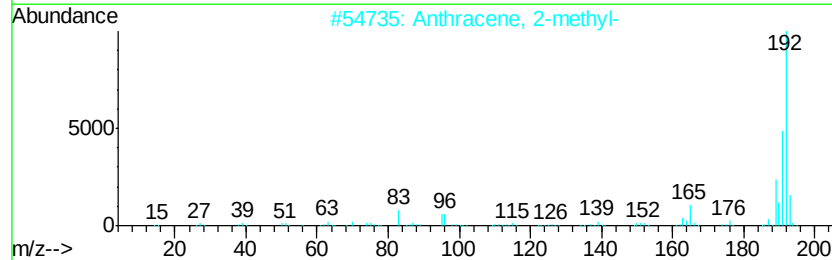
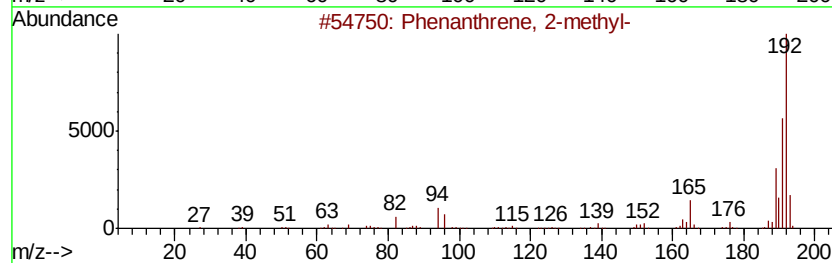
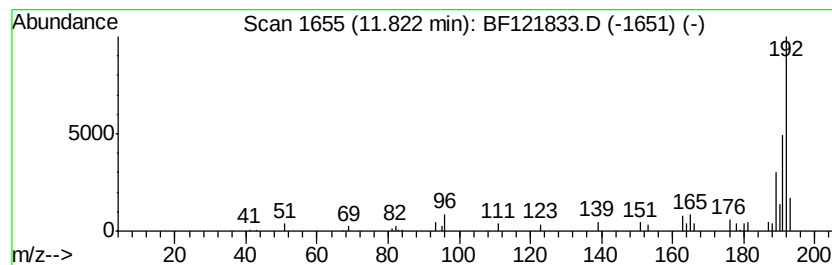
Instrument :
BNA_F
ClientSampleId :
OK-02-100120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.82	2.49 ng	84898	Phenanthrene-d10		11.28
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	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121833.D
Acq On : 5 Oct 2020 23:27
Operator : JU/CG
Sample : L4221-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

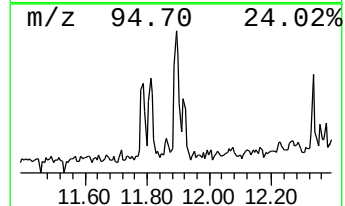
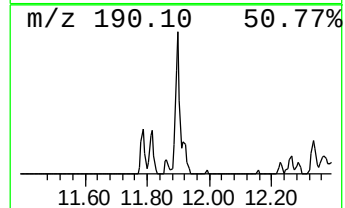
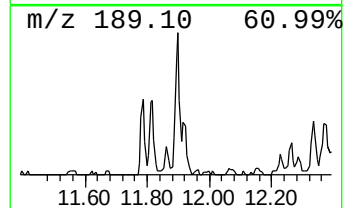
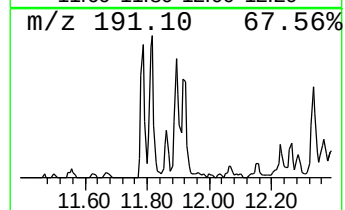
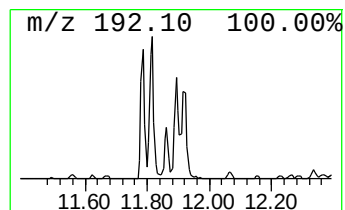
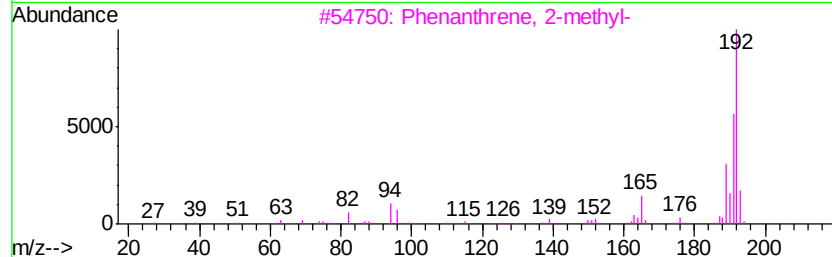
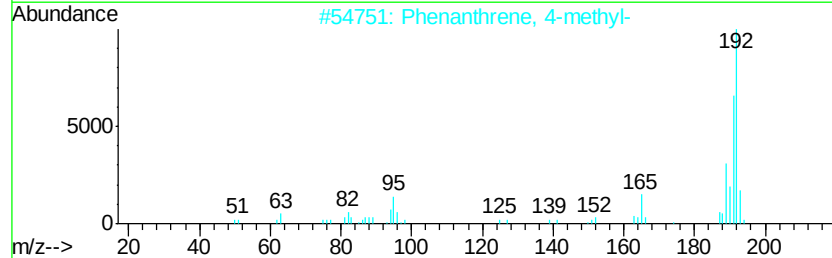
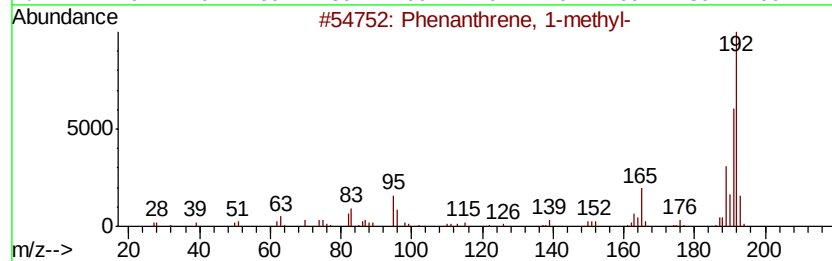
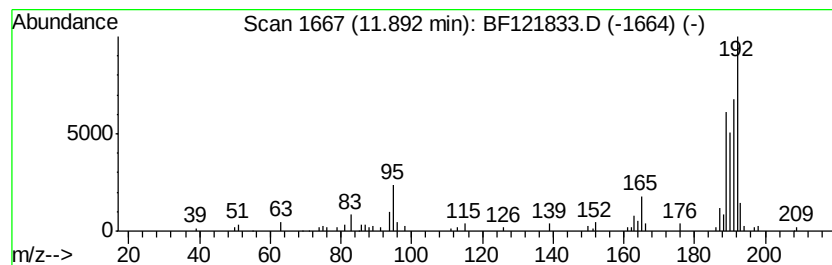
Instrument :
BNA_F
ClientSampleId :
OK-02-100120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.89	3.03 ng	103274	Phenanthrene-d10	11.28	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	64
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	55
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121833.D
Acq On : 5 Oct 2020 23:27
Operator : JU/CG
Sample : L4221-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

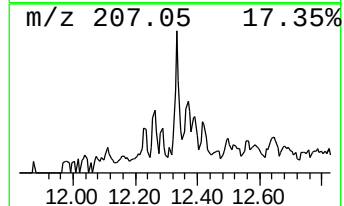
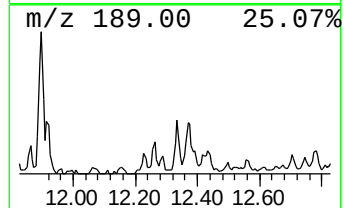
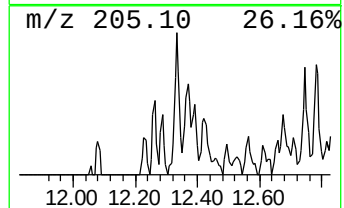
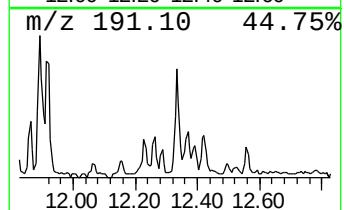
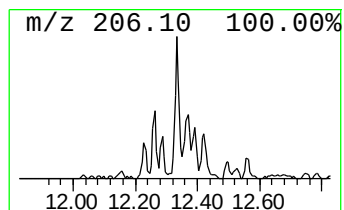
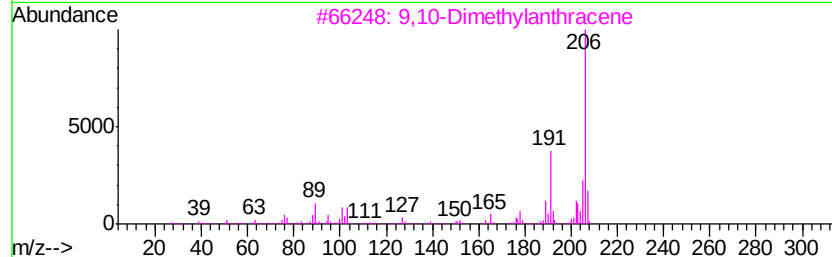
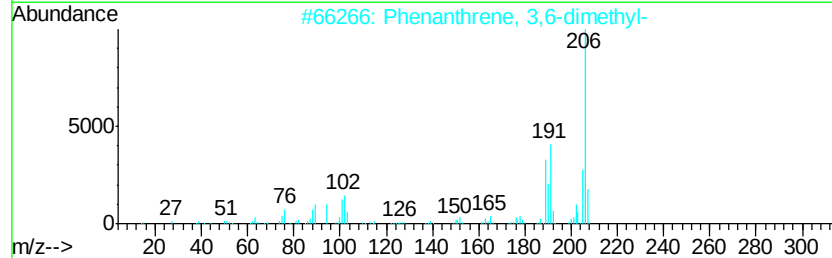
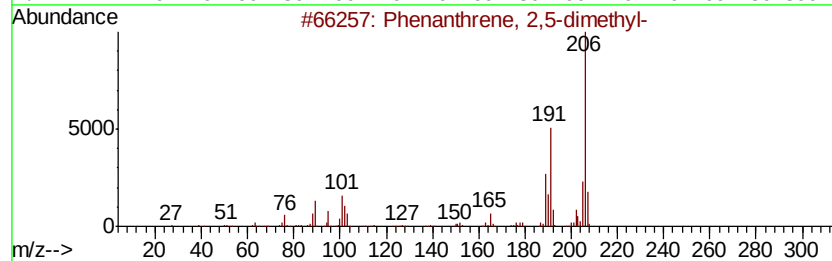
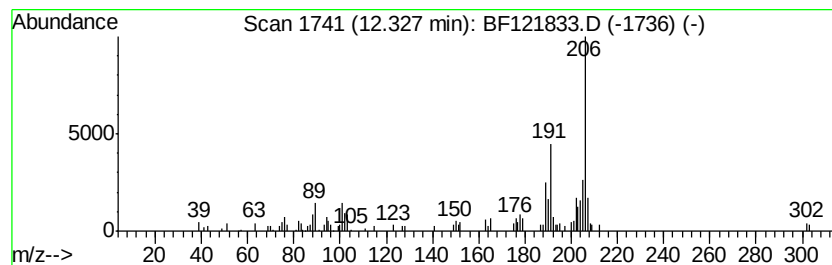
Instrument :
BNA_F
ClientSampleId :
OK-02-100120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.33	3.02 ng	103082	Phenanthrene-d10		11.28
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121833.D
Acq On : 5 Oct 2020 23:27
Operator : JU/CG
Sample : L4221-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

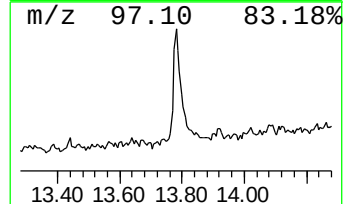
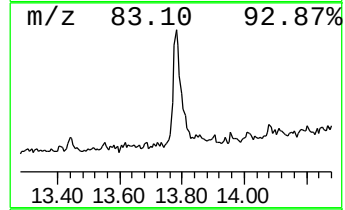
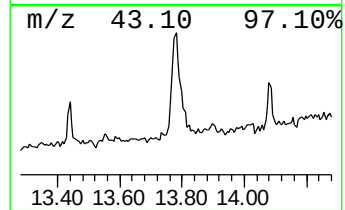
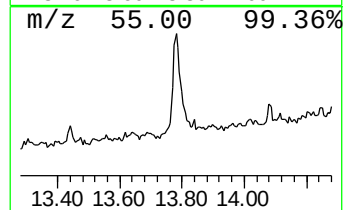
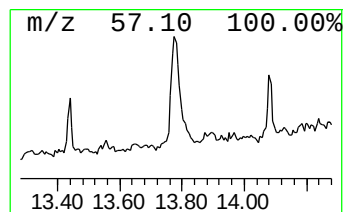
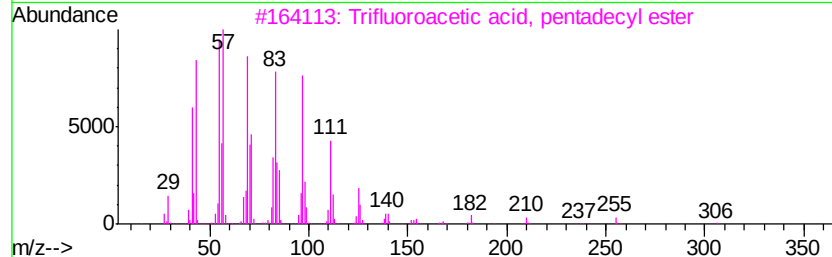
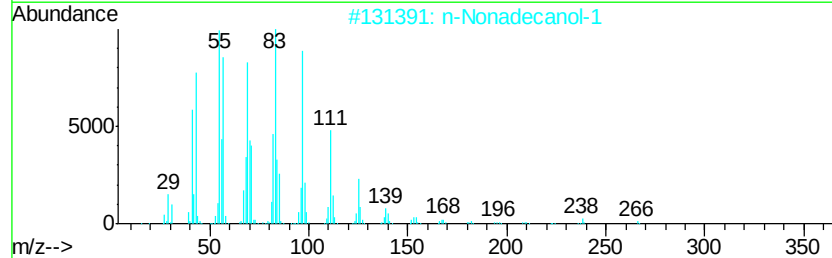
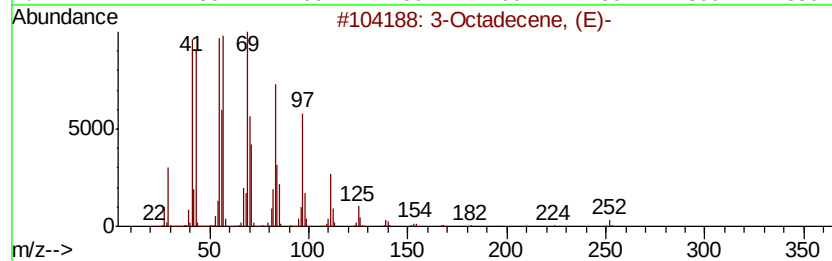
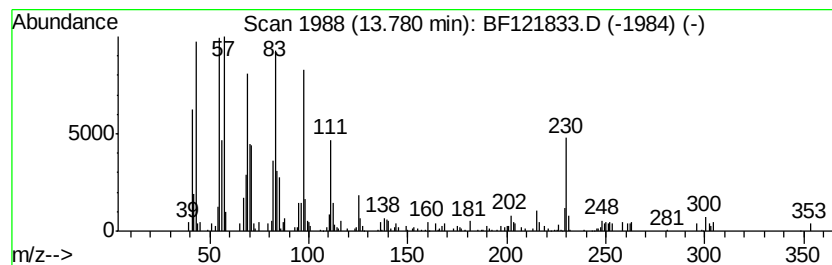
Instrument :
BNA_F
ClientSampleId :
OK-02-100120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 3-Octadecene, (E)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	4.25 ng	196864	Chrysene-d12	13.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		3-Octadecene, (E)-	252 C18H36	007206-19-1 98
2		n-Nonadecanol-1	284 C19H40O	001454-84-8 93
3		Trifluoroacetic acid, pentadecyl...	324 C17H31F3O2	959010-23-2 93
4		Pentafluoropropionic acid, penta...	374 C18H31F5O2	959092-08-1 93
5		E-15-Heptadecenal	252 C17H32O	1000130-97-9 92



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100520\
Data File : BF121833.D
Acq On : 5 Oct 2020 23:27
Operator : JU/CG
Sample : L4221-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-100120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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
2,4,7,9-Tetrameth...	9.24	3.5	ng	131536	3	9.80	744006	20.0
Anthracene, 2-met...	11.79	2.2	ng	73820	4	11.28	682711	20.0
Phenanthrene, 2-m...	11.82	2.5	ng	84898	4	11.28	682711	20.0
Phenanthrene, 1-m...	11.89	3.0	ng	103274	4	11.28	682711	20.0
Phenanthrene, 2,5...	12.33	3.0	ng	103082	4	11.28	682711	20.0
3-Octadecene, (E)-	13.78	4.3	ng	196864	5	13.92	927103	20.0