

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
 Data File : BF120254.D
 Acq On : 30 Apr 2020 22:02
 Operator : MA/SJ
 Sample : L2452-07 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 209

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-BF040820.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	3.493	236	239	245	rVB4	7184	12064	1.13%	0.112%
2	4.181	349	356	363	rBV7	8015	15563	1.46%	0.144%
3	5.269	537	541	554	rBV	365320	447430	41.97%	4.142%
4	5.540	584	587	590	rBV	18312	15646	1.47%	0.145%
5	6.310	715	718	729	rBV	393597	452012	42.40%	4.184%
6	6.645	772	775	782	rBV	711666	608549	57.08%	5.633%
7	6.804	798	802	807	rBV	466643	382128	35.84%	3.537%
8	7.210	868	871	877	rBV	362023	290636	27.26%	2.690%
9	7.875	981	984	987	rBV	297775	212836	19.96%	1.970%
10	7.934	990	994	1000	rVV	1024078	787959	73.91%	7.294%
11	9.010	1174	1177	1181	rBV	644721	564777	52.97%	5.228%
12	9.416	1241	1246	1250	rBV	51430	52301	4.91%	0.484%
13	9.692	1289	1293	1296	rBV	1073675	877290	82.29%	8.121%
14	9.722	1296	1298	1301	rVB3	14925	12704	1.19%	0.118%
15	10.239	1384	1386	1392	rVB3	11991	14927	1.40%	0.138%
16	10.351	1403	1405	1410	rBV4	11019	13720	1.29%	0.127%
17	10.480	1423	1427	1433	rBV	409587	340059	31.90%	3.148%
18	10.669	1457	1459	1462	rBV	22870	24146	2.26%	0.224%
19	10.710	1462	1466	1468	rVV2	20224	24542	2.30%	0.227%
20	10.739	1468	1471	1473	rVV3	20373	16792	1.58%	0.155%
21	10.816	1481	1484	1487	rVB2	15153	21058	1.98%	0.195%
22	10.851	1487	1490	1494	rBV3	29561	39716	3.73%	0.368%
23	10.886	1494	1496	1501	rVV	34065	34327	3.22%	0.318%
24	10.928	1501	1503	1508	rVB	22464	23190	2.18%	0.215%
25	11.051	1520	1524	1527	rBV2	140174	117315	11.00%	1.086%
26	11.080	1527	1529	1532	rVV3	14819	16689	1.57%	0.154%
27	11.110	1532	1534	1537	rVB	34966	25646	2.41%	0.237%
28	11.175	1542	1545	1548	rBV	1025601	933855	87.59%	8.645%
29	11.198	1548	1549	1552	rVV	127958	84801	7.95%	0.785%
30	11.251	1555	1558	1561	rVB	34762	32921	3.09%	0.305%
31	11.357	1573	1576	1580	rVB5	15941	15276	1.43%	0.141%
32	11.504	1600	1601	1604	rBV3	12422	13580	1.27%	0.126%
33	11.592	1612	1616	1619	rVB5	13070	21820	2.05%	0.202%
34	11.680	1628	1631	1633	rVB	32752	24813	2.33%	0.230%

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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	11.722	1633	1638	1642	rBV2	214162	239684	22.48%	2.219%
36	11.786	1646	1649	1652	rBV2	51033	63331	5.94%	0.586%
37	11.910	1668	1670	1676	rVB5	26396	44971	4.22%	0.416%
38	11.980	1679	1682	1688	rVV4	26921	38970	3.66%	0.361%
39	12.127	1704	1707	1710	rVB4	28762	29412	2.76%	0.272%
40	12.157	1710	1712	1715	rBV4	19762	23057	2.16%	0.213%
41	12.233	1722	1725	1727	rBV	29384	32470	3.05%	0.301%
42	12.316	1736	1739	1743	rBV2	20992	28148	2.64%	0.261%
43	12.386	1746	1751	1754	rBV2	171028	187706	17.61%	1.738%
44	12.433	1756	1759	1767	rVB4	134068	187917	17.63%	1.740%
45	12.510	1768	1772	1778	rBV3	89060	122216	11.46%	1.131%
46	12.598	1784	1787	1788	rBV2	90137	79865	7.49%	0.739%
47	12.616	1788	1790	1793	rVB	179572	141924	13.31%	1.314%
48	12.651	1794	1796	1798	rVV3	31448	26299	2.47%	0.243%
49	12.763	1812	1815	1821	rVB	721496	648150	60.79%	6.000%
50	12.945	1844	1846	1848	rBV	37752	32512	3.05%	0.301%
51	13.304	1905	1907	1910	rVB	49577	40966	3.84%	0.379%
52	13.680	1968	1971	1979	rVB2	124535	143777	13.49%	1.331%
53	13.816	1990	1994	1997	rBV2	959941	1066155	100.00%	9.869%
54	13.845	1997	1999	2001	rVB	92366	78533	7.37%	0.727%
55	14.304	2075	2077	2080	rBV	83642	75553	7.09%	0.699%
56	14.910	2178	2180	2184	rVB	124900	115316	10.82%	1.067%
57	15.227	2230	2234	2238	rBV	688660	784582	73.59%	7.263%

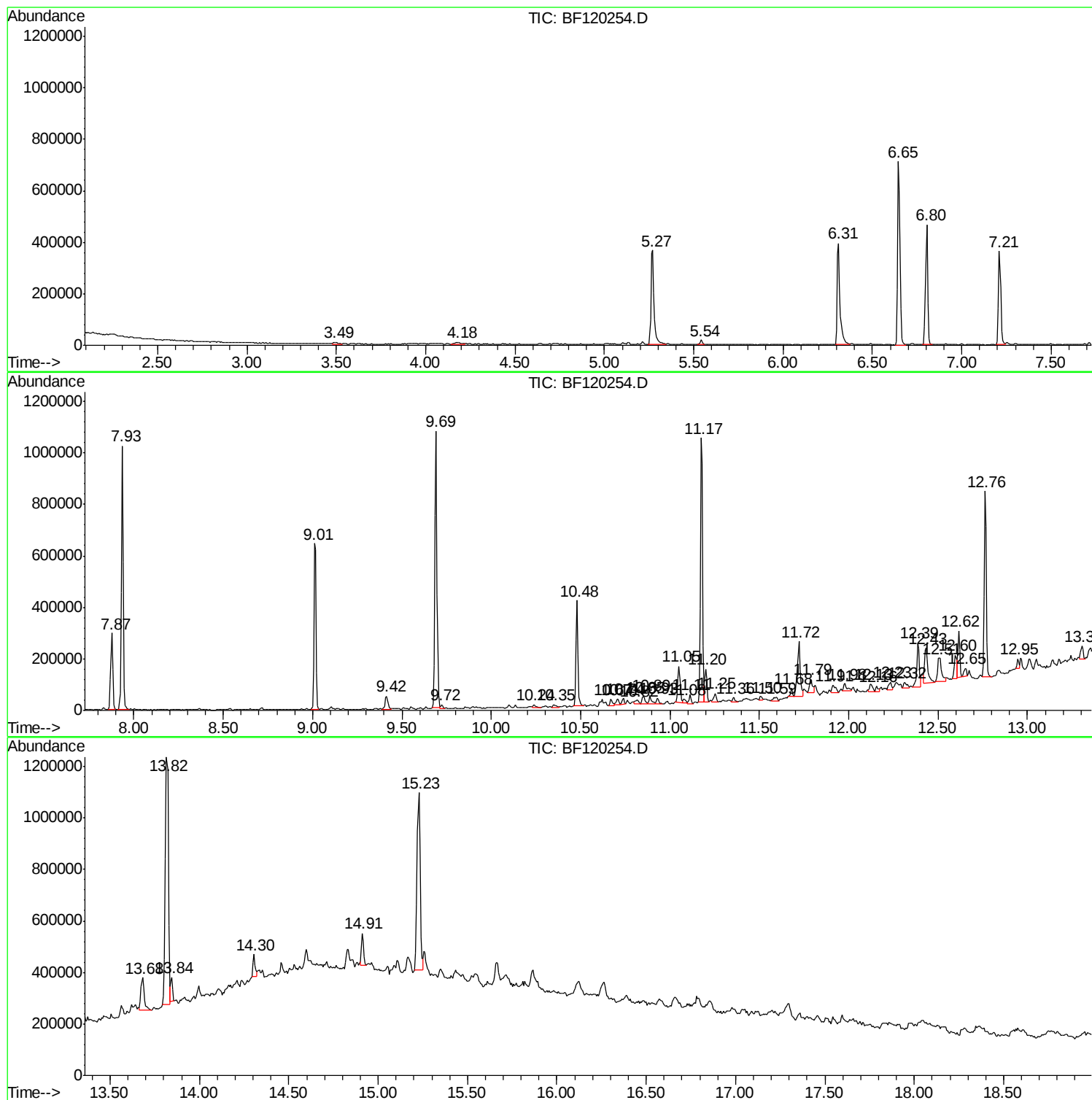
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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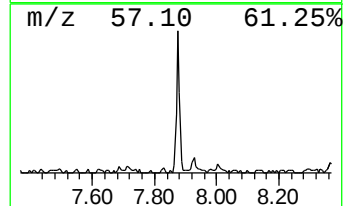
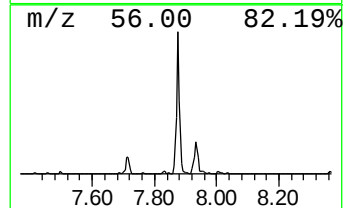
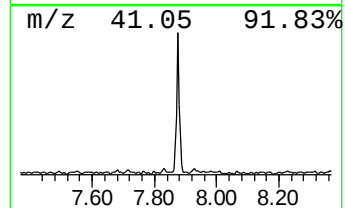
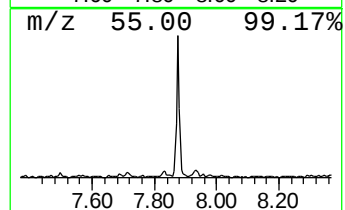
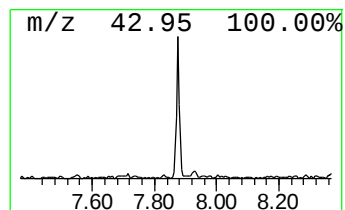
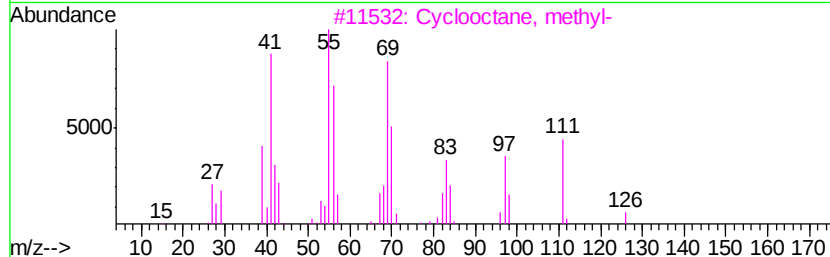
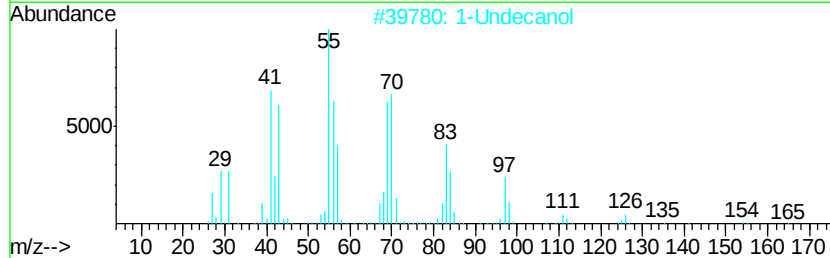
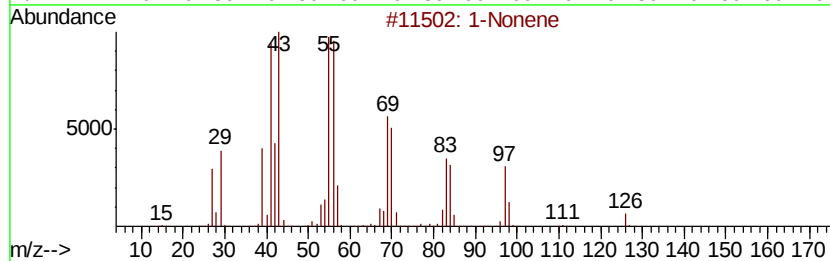
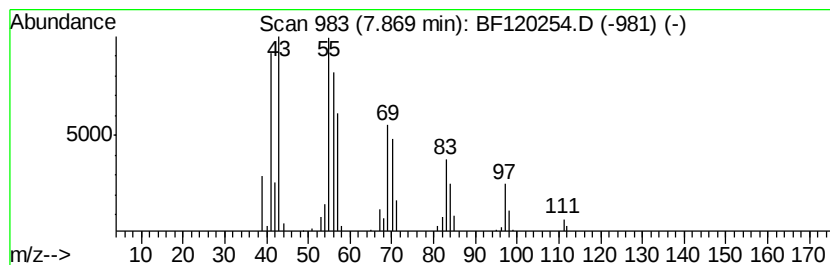
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 1-Nonene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	5.40 ng	212836	Napthalene-d8	7.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Nonene		126 C9H18	000124-11-8 90
2	1-Undecanol		172 C11H24O	000112-42-5 80
3	Cyclooctane, methyl-		126 C9H18	001502-38-1 78
4	(S)-(+)-6-Methyl-1-octanol		144 C9H20O	110453-78-6 53
5	1-Heptene, 3-methyl-		112 C8H16	004810-09-7 52



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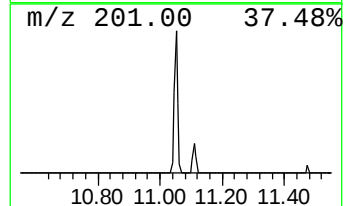
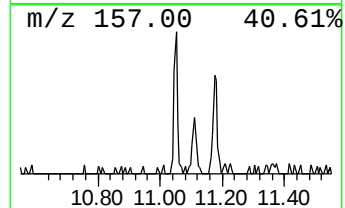
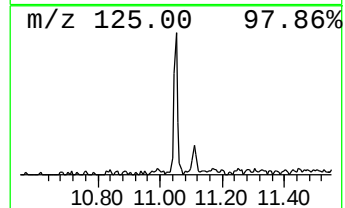
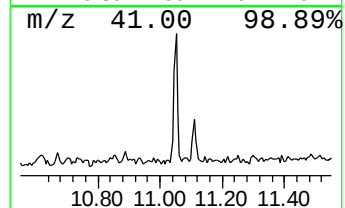
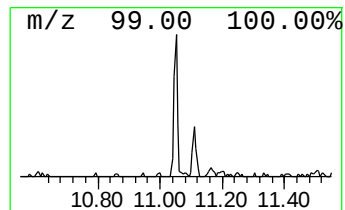
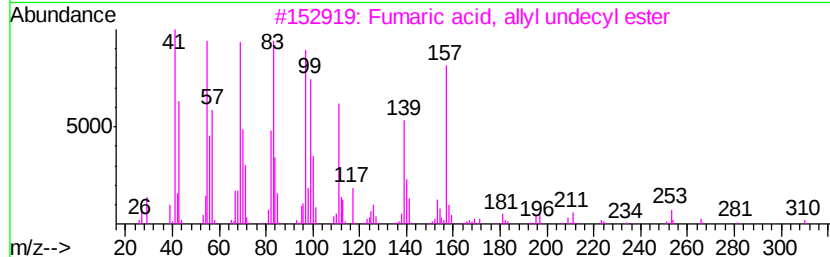
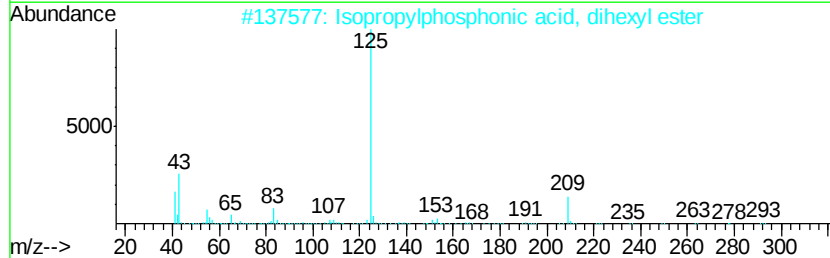
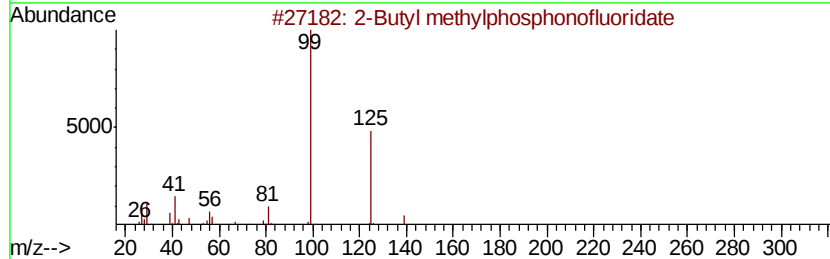
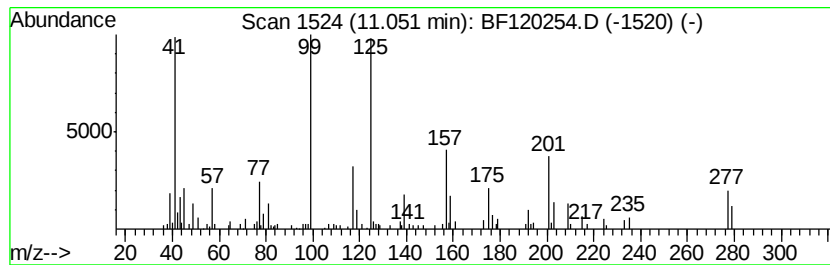
Instrument :
BNA_F
ClientSampled :
209

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

Peak Number 3 unknown11.05 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.05	2.51 ng	117315	Phenanthrene-d10		11.17
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butyl methylphosphonofluoridate	154	C5H12F02P	000352-52-3	32
2	Isopropylphosphonic acid, dihexyl ester	292	C15H33O3P	148456-62-6	10
3	Fumaric acid, allyl undecyl ester	310	C18H30O4	1000329-77-9	10
4	3-Methyl-1-butyl methylphosphonofluoridate	168	C6H14F02P	022107-46-6	10
5	Benzoic acid, 4-[[2-(1-piperazinyl)ethyl]oxy]benzyl ester	277	C14H19N3O3	1000350-32-6	10



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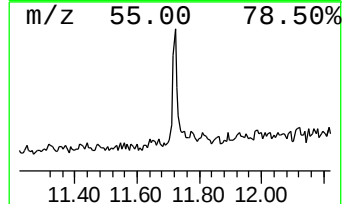
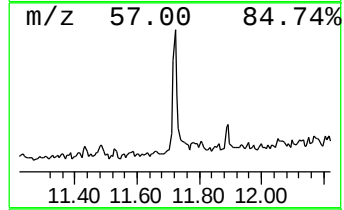
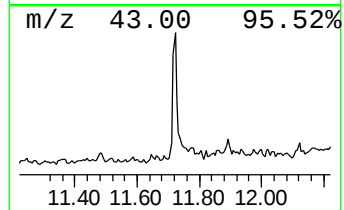
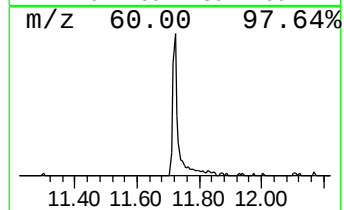
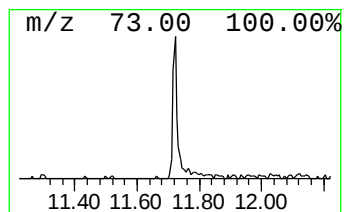
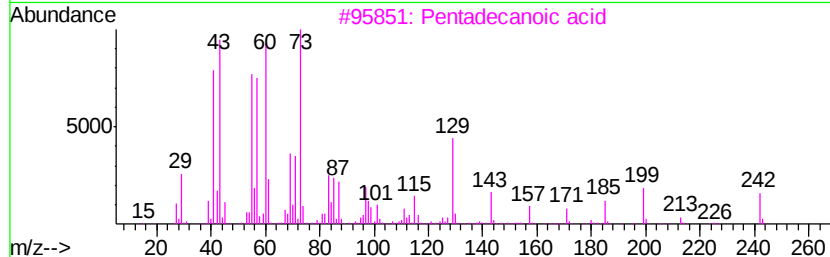
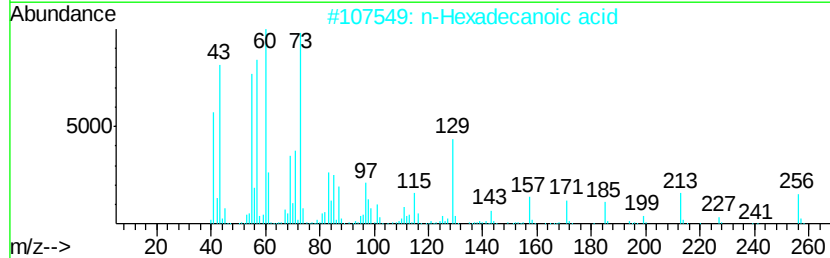
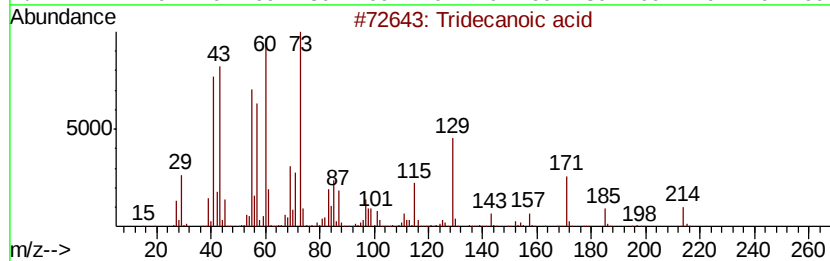
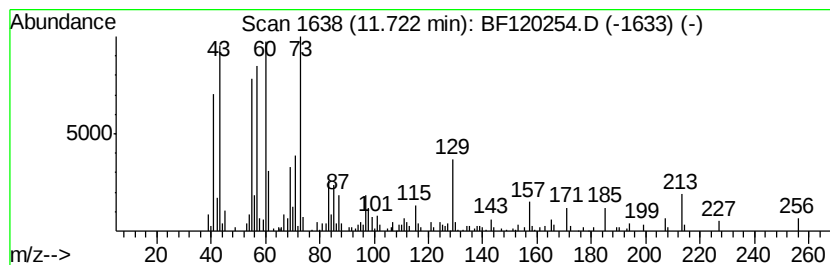
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	5.13 ng	239684	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	91
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62



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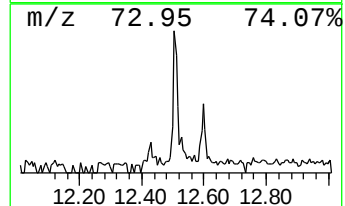
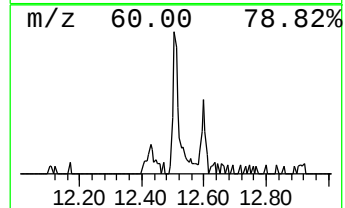
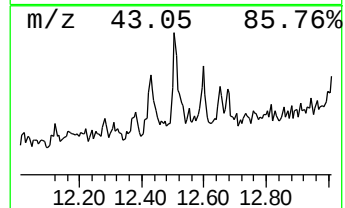
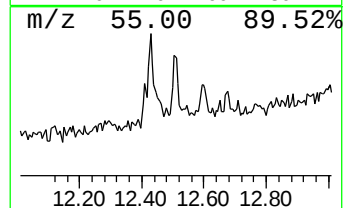
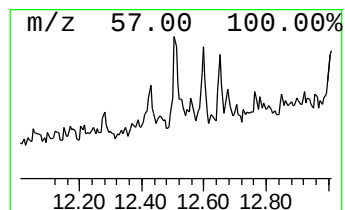
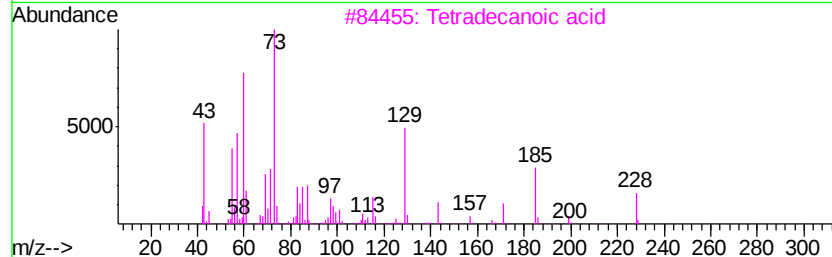
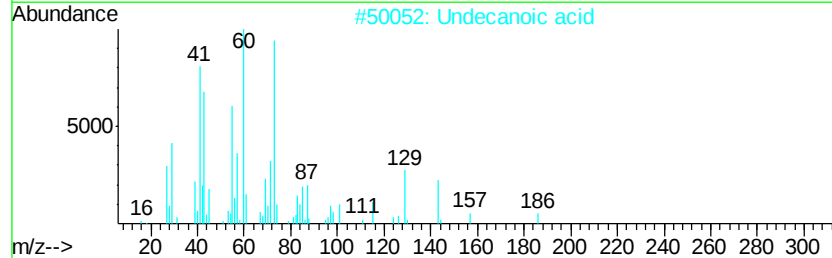
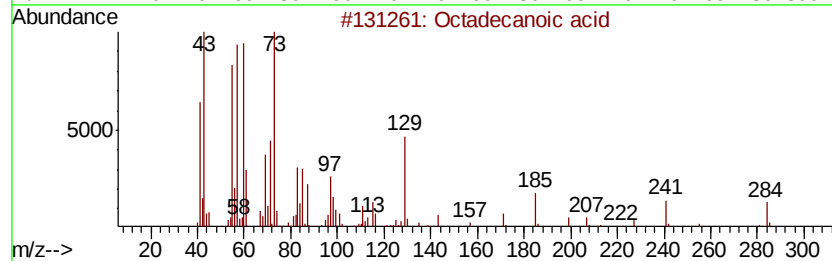
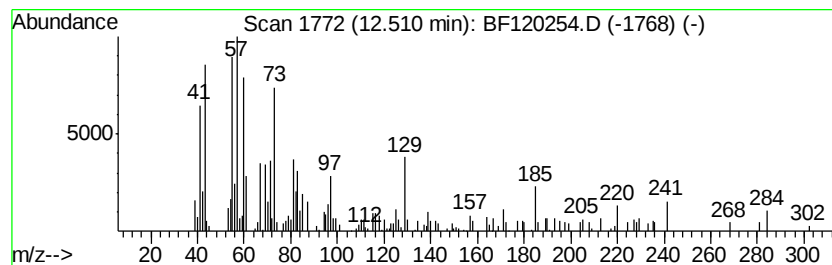
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.51	2.29 ng	122216	Chrysene-d12		13.82	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	91
2		Undecanoic acid	186	C11H22O2	000112-37-8	83
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59
5		n-Decanoic acid	172	C10H20O2	000334-48-5	53



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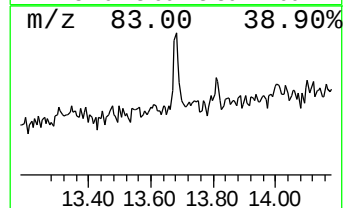
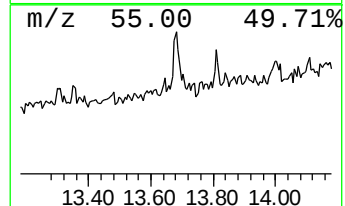
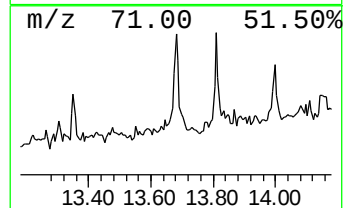
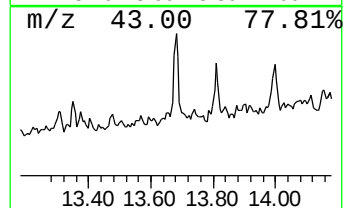
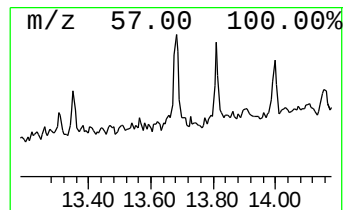
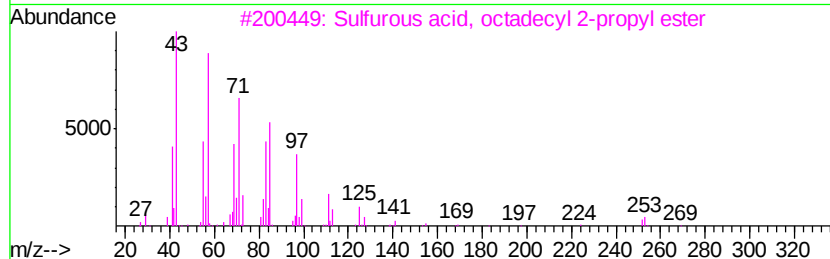
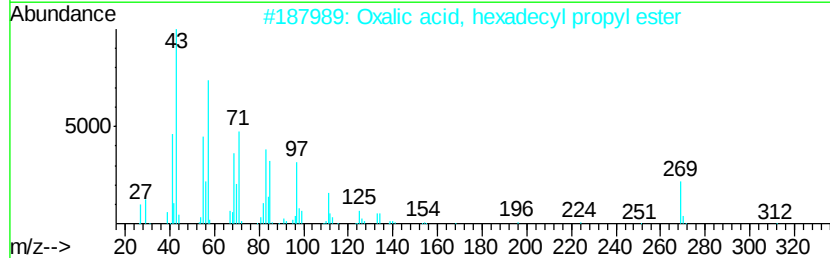
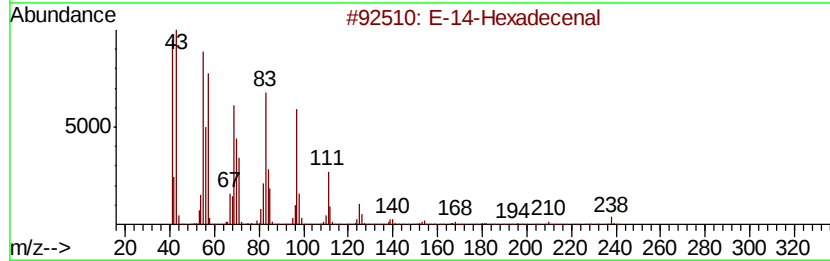
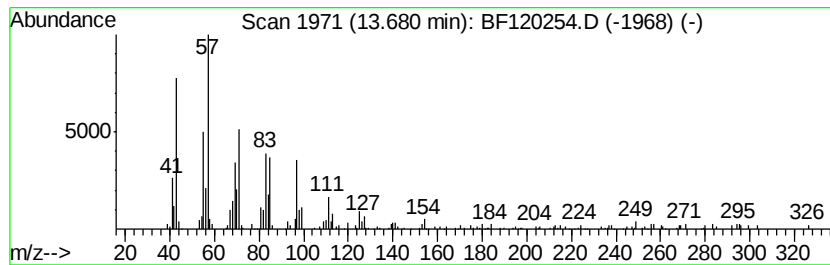
Instrument :
 BNA_F
 ClientSampleId :
 209

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 6 E-14-Hexadecenal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.68	2.70 ng	143777	Chrysene-d12	13.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-14-Hexadecenal	238	C16H30O	330207-53-9	92
2	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	91
3	Sulfurous acid, octadecyl 2-propyl-	376	C21H44O3S	1000309-12-7	83
4	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	83
5	1-Eicosene	280	C20H40	003452-07-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
Data File : BF120254.D
Acq On : 30 Apr 2020 22:02
Operator : MA/SJ
Sample : L2452-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
209

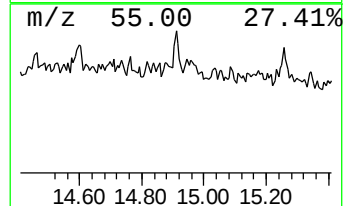
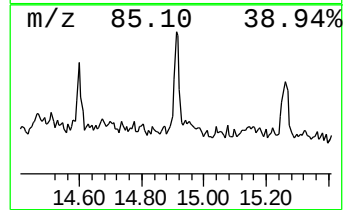
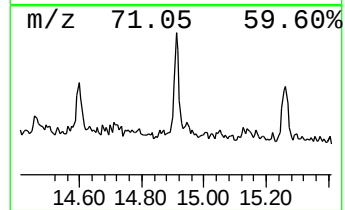
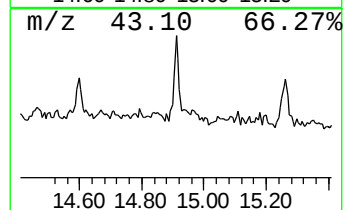
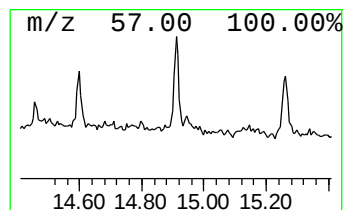
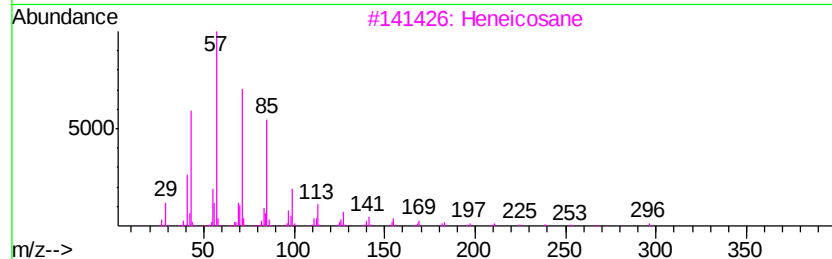
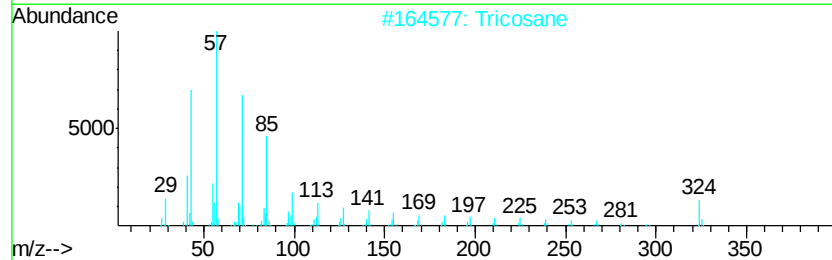
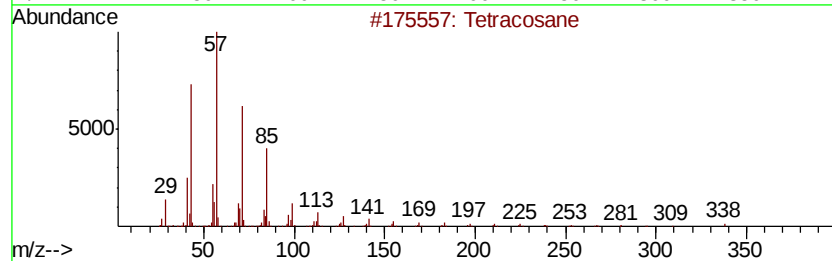
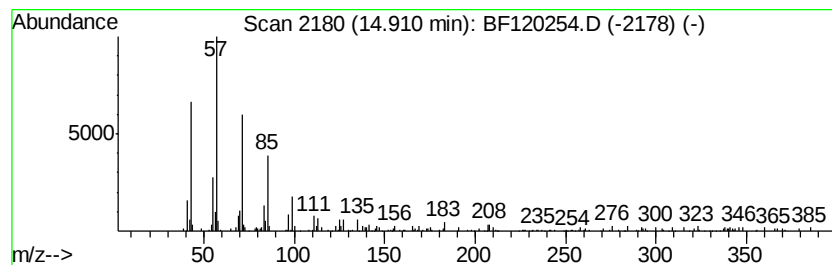
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	2.94 ng	115316	Perylene-d12	15.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	93
2		Tricosane	324	C23H48	000638-67-5	87
3		Heneicosane	296	C21H44	000629-94-7	83
4		Heptacosane	380	C27H56	000593-49-7	80
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF043020\
Data File : BF120254.D
Acq On : 30 Apr 2020 22:02
Operator : MA/SJ
Sample : L2452-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
209

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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
1-Nonene	7.87	5.4	ng	212836	2	7.93	787959	20.0
unknown11.05	11.05	2.5	ng	117315	4	11.17	933855	20.0
Tridecanoic acid	11.72	5.1	ng	239684	4	11.17	933855	20.0
Octadecanoic acid	12.51	2.3	ng	122216	5	13.82	1066160	20.0
E-14-Hexadecenal	13.68	2.7	ng	143777	5	13.82	1066160	20.0
Tetracosane	14.91	2.9	ng	115316	6	15.23	784582	20.0