

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030920\
 Data File : BF119299.D
 Acq On : 9 Mar 2020 22:56
 Operator : CG/JU
 Sample : L1844-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-20-030520

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	4.922	478	482	491	rBV	101064	142302	4.89%	0.704%
2	5.351	552	555	571	rBV	1358757	1679228	57.66%	8.308%
3	6.375	726	729	747	rBV	1482521	1699466	58.35%	8.409%
4	6.722	785	788	797	rVB	541584	491160	16.86%	2.430%
5	6.881	811	815	825	rBV	1678038	1588404	54.54%	7.859%
6	7.286	881	884	899	rBV	1151423	1160044	39.83%	5.740%
7	8.004	1003	1006	1013	rBV	699456	620620	21.31%	3.071%
8	9.080	1185	1189	1200	rBV	2582990	2469676	84.80%	12.219%
9	9.198	1205	1209	1220	rVB	623842	668087	22.94%	3.306%
10	9.475	1253	1256	1264	rVB	251840	234019	8.04%	1.158%
11	9.757	1300	1304	1313	rVB	926569	812469	27.90%	4.020%
12	10.339	1400	1403	1413	rBV	91428	135364	4.65%	0.670%
13	10.545	1435	1438	1454	rBV	1477004	1603281	55.05%	7.933%
14	10.669	1454	1459	1465	rVB2	37403	53578	1.84%	0.265%
15	11.239	1553	1556	1566	rBV	939038	889401	30.54%	4.401%
16	11.427	1582	1588	1595	rBV7	19878	45360	1.56%	0.224%
17	11.774	1644	1647	1655	rVB3	120080	131082	4.50%	0.649%
18	12.292	1732	1735	1738	rBV	68837	80002	2.75%	0.396%
19	12.321	1738	1740	1744	rVB2	54223	56354	1.93%	0.279%
20	12.480	1765	1767	1772	rVB3	73759	64579	2.22%	0.320%
21	12.551	1777	1779	1783	rBV3	24713	35900	1.23%	0.178%
22	12.692	1800	1803	1808	rBV4	56817	60321	2.07%	0.298%
23	12.821	1821	1825	1828	rBV	3298548	2912373	100.00%	14.410%
24	13.051	1860	1864	1868	rBV	35939	37814	1.30%	0.187%
25	13.721	1972	1978	1992	rBV3	121147	319548	10.97%	1.581%
26	13.880	2001	2005	2014	rBV	798250	805764	27.67%	3.987%
27	14.033	2027	2031	2034	rBV	69075	65694	2.26%	0.325%
28	14.339	2080	2083	2087	rBV	101174	100420	3.45%	0.497%
29	14.633	2129	2133	2136	rBV	134989	125730	4.32%	0.622%
30	14.945	2183	2186	2193	rVB	130458	140179	4.81%	0.694%
31	15.309	2242	2248	2255	rBV	561595	783561	26.90%	3.877%
32	15.704	2310	2315	2321	rVB	65517	96345	3.31%	0.477%
33	15.815	2325	2334	2340	rBV10	15632	47265	1.62%	0.234%
34	16.168	2389	2394	2403	rVB3	33154	55864	1.92%	0.276%

LSC Area Percent Report

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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

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

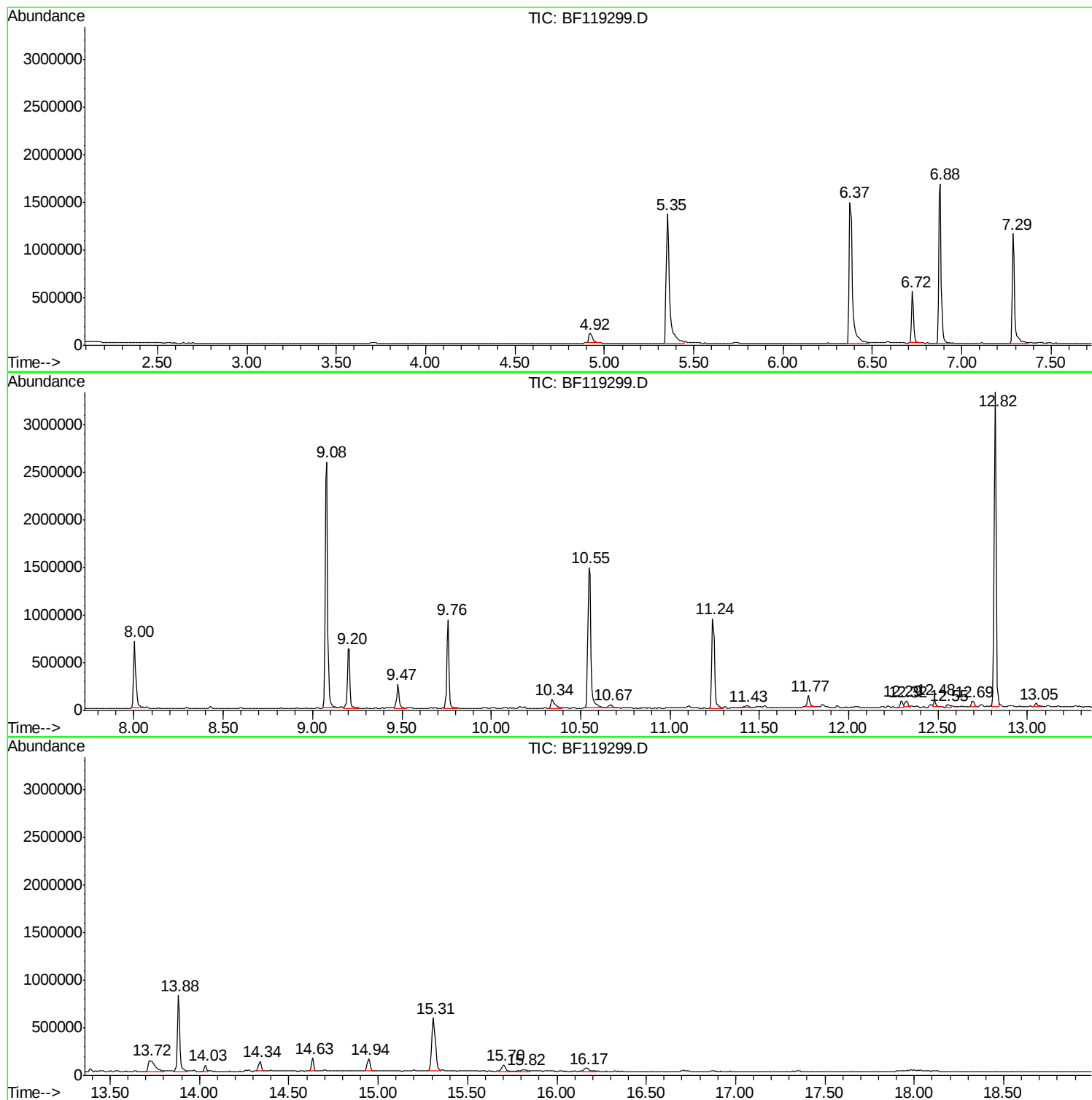
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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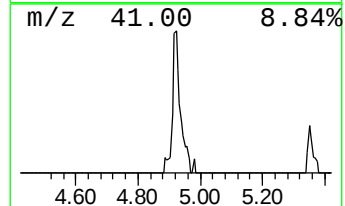
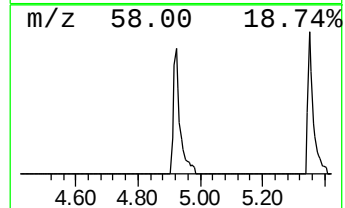
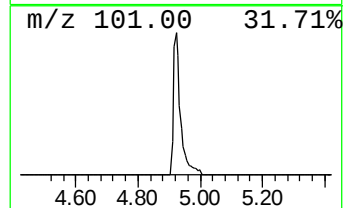
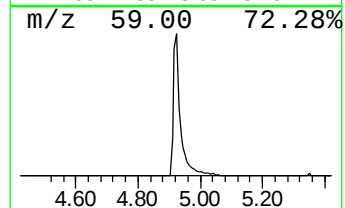
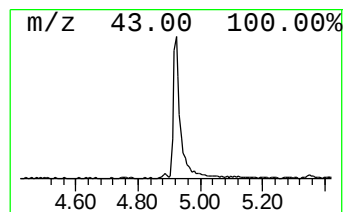
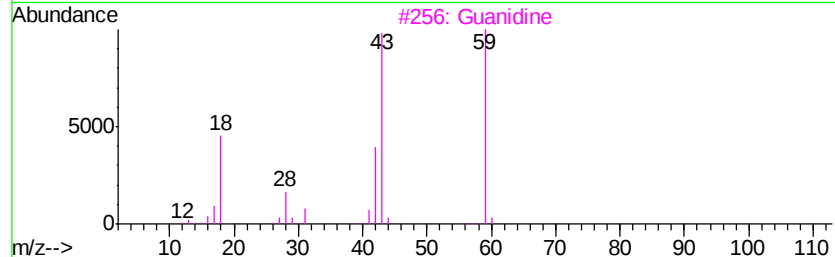
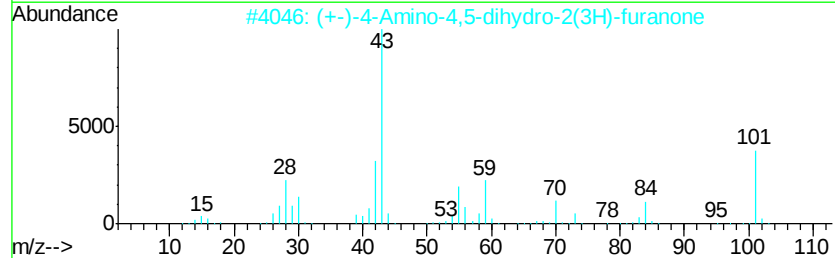
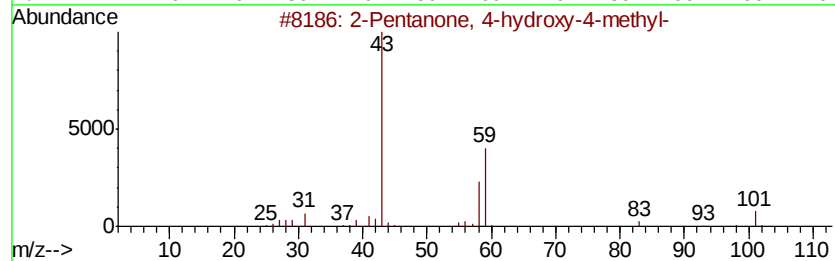
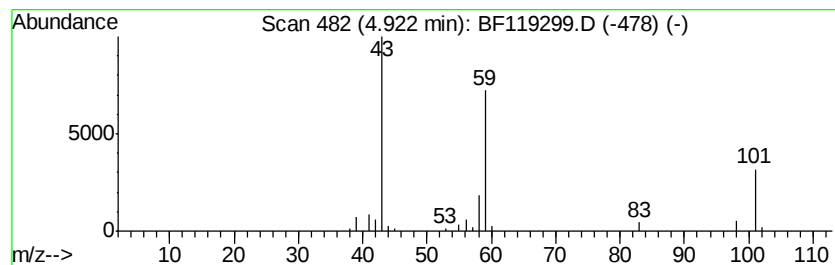
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	5.79 ng	142302	1,4-Dichlorobenzene-d4	6.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	47
3			Guanidine	59	CH5N3	000113-00-8	43
4			Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17
5			3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17



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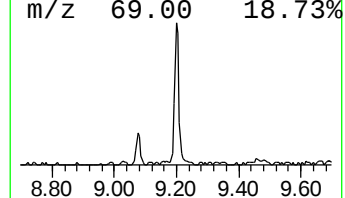
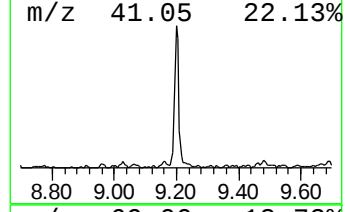
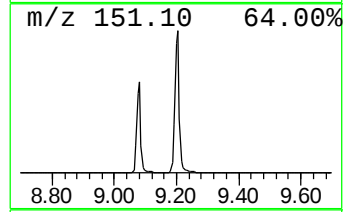
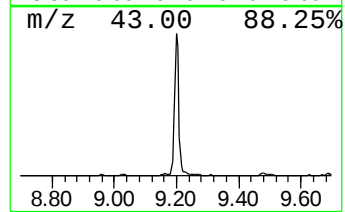
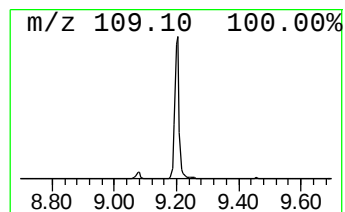
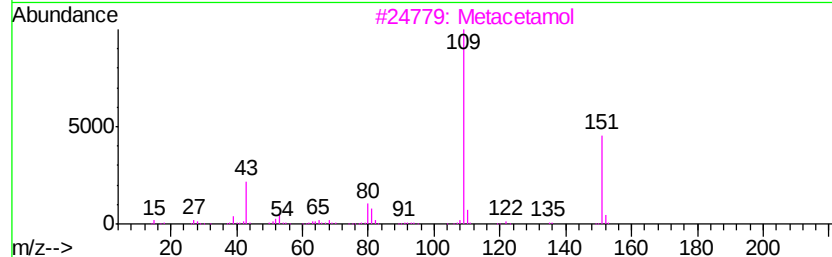
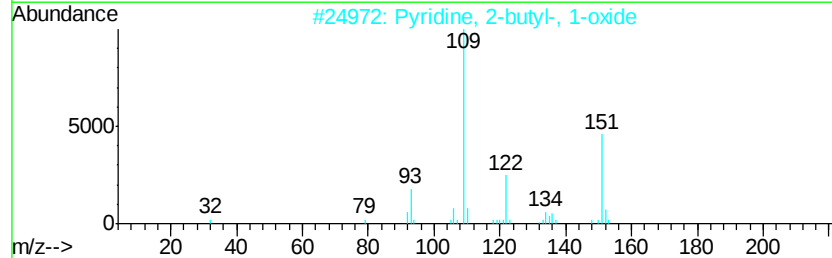
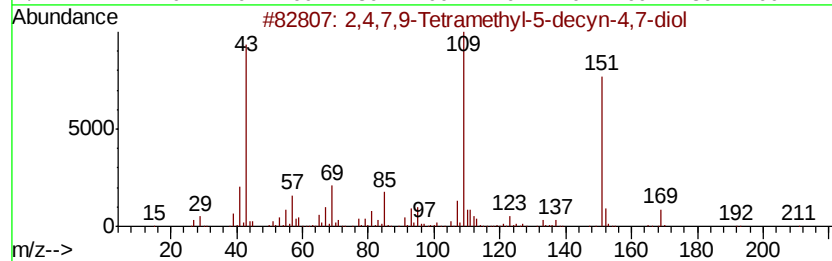
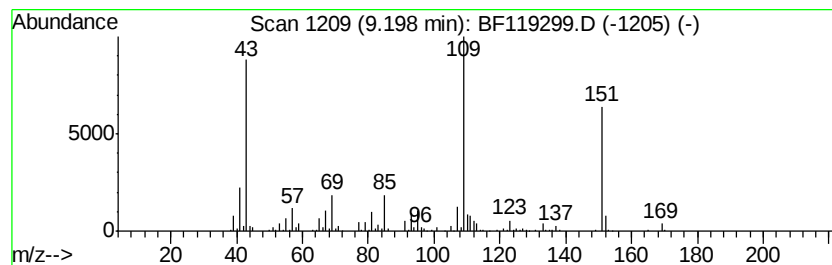
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	16.45 ng	668087	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2		Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
3		Metacetamol	151	C8H9NO2	000621-42-1	53
4		Acetaminophen	151	C8H9NO2	000103-90-2	53
5		3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53



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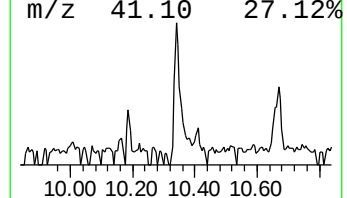
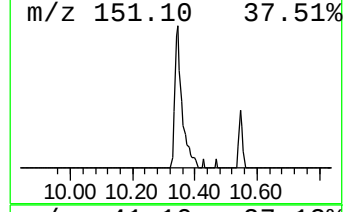
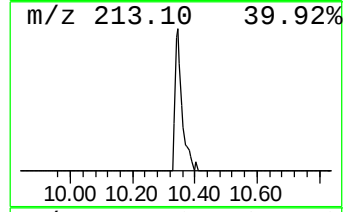
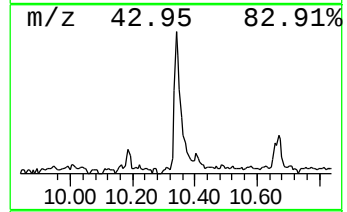
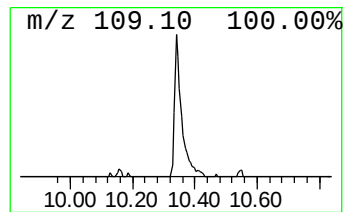
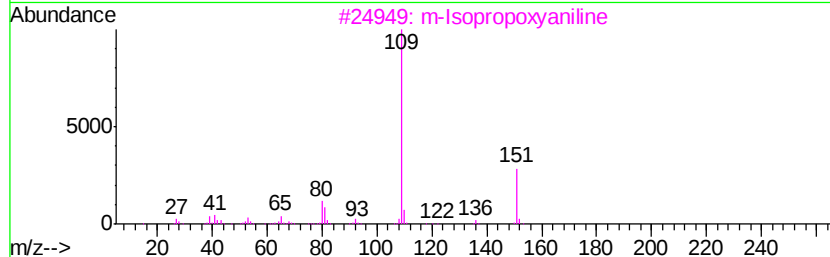
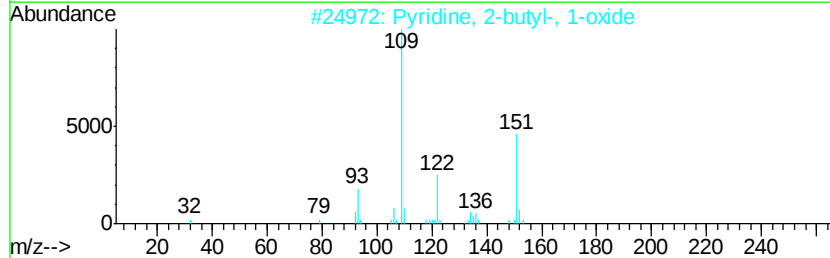
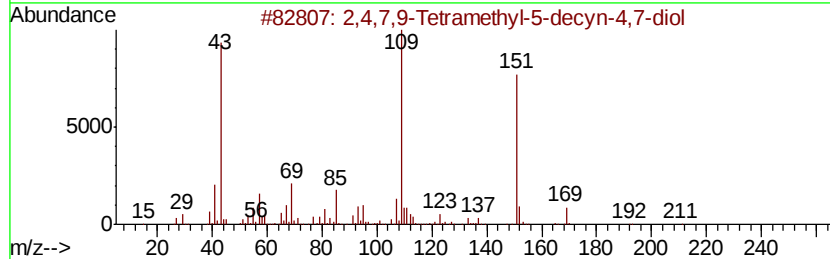
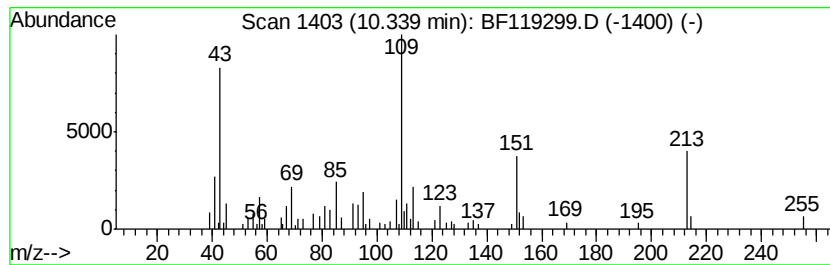
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown10.34 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.34	3.33 ng	135364	Acenaphthene-d10	9.76	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	47
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	38
3	m-Isopropoxvaniline	151	C9H13NO	041406-00-2	38
4	Metacetamol	151	C8H9NO2	000621-42-1	38
5	Acetaminophen	151	C8H9NO2	000103-90-2	35



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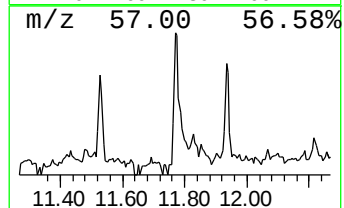
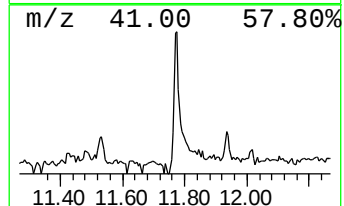
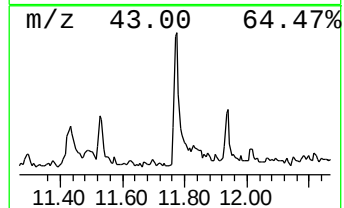
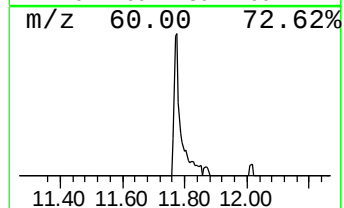
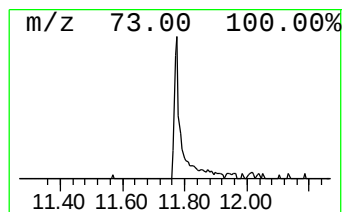
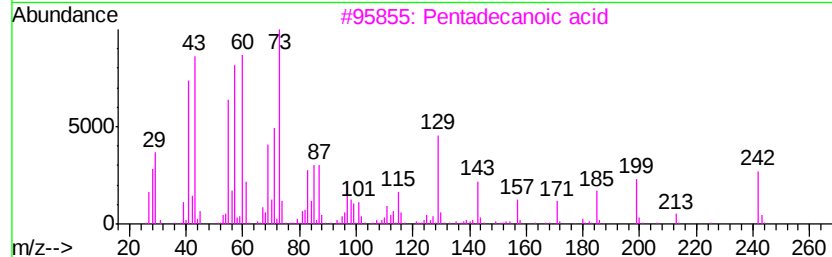
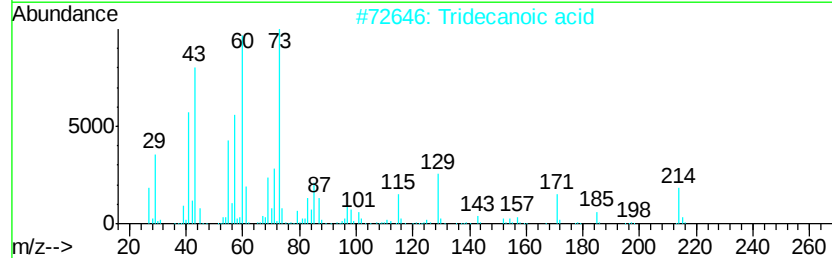
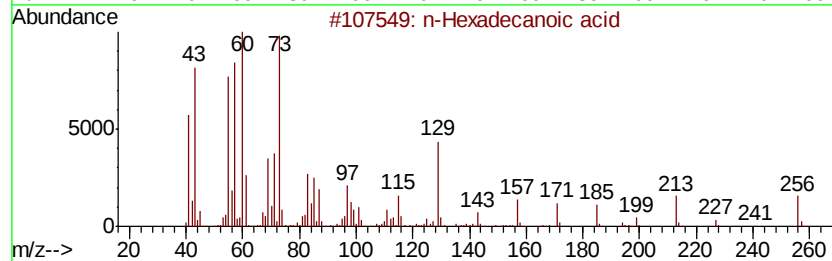
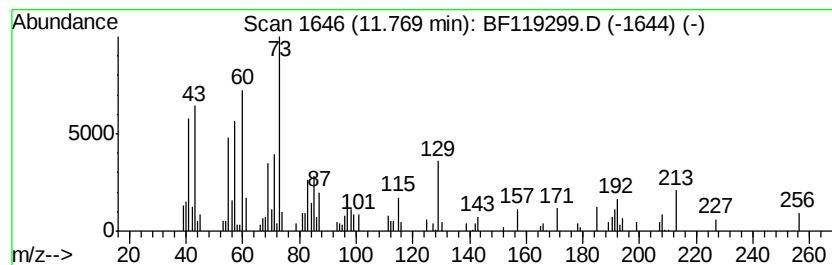
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	2.95 ng	131082	Phenanthrene-d10	11.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tridecanoic acid	214	C13H26O2	000638-53-9	50
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	43
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	35
5		Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	35



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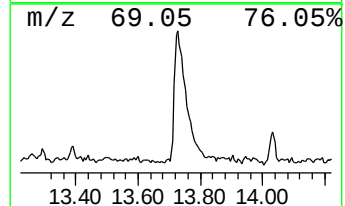
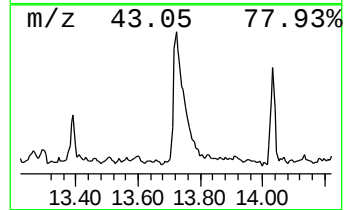
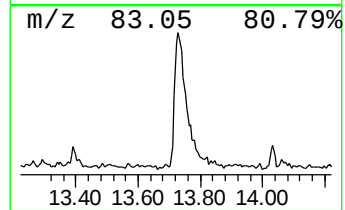
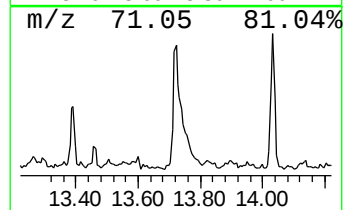
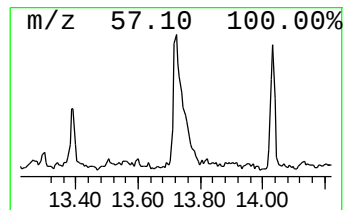
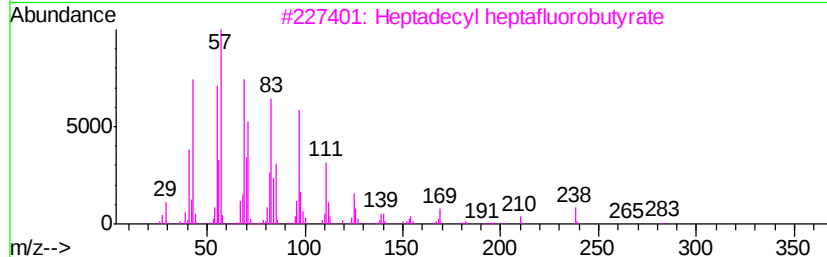
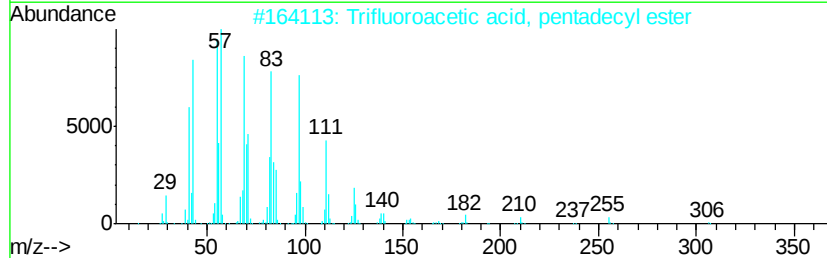
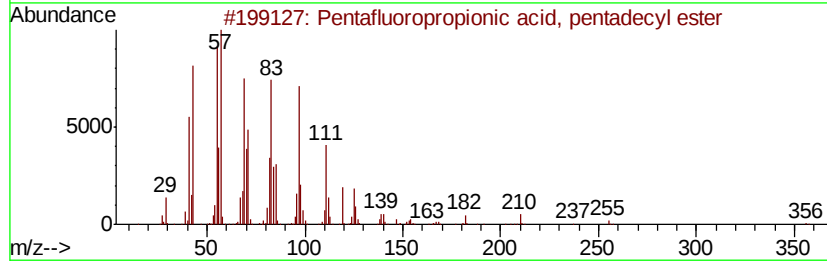
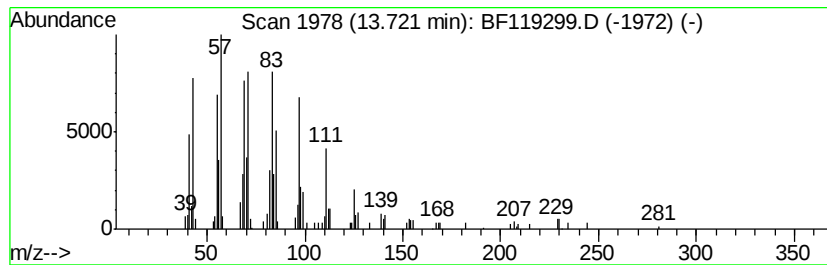
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Peak Number 6 Pentafluoropropionic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	7.93 ng	319548	Chrysene-d12	13.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
2		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
3		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
4		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	81
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
Data File : BF119299.D
Acq On : 9 Mar 2020 22:56
Operator : CG/JU
Sample : L1844-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP-20-030520

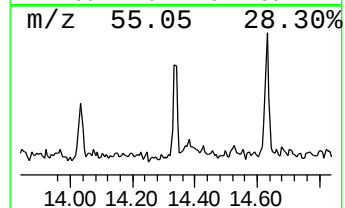
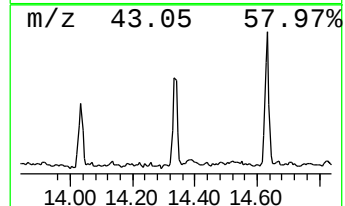
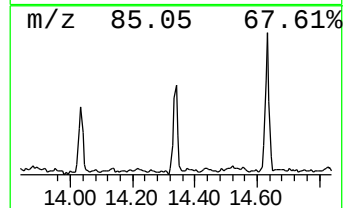
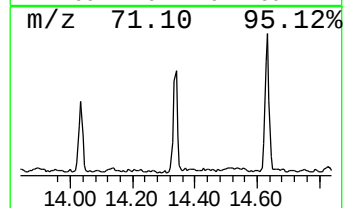
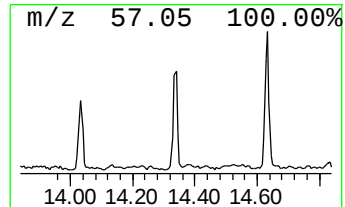
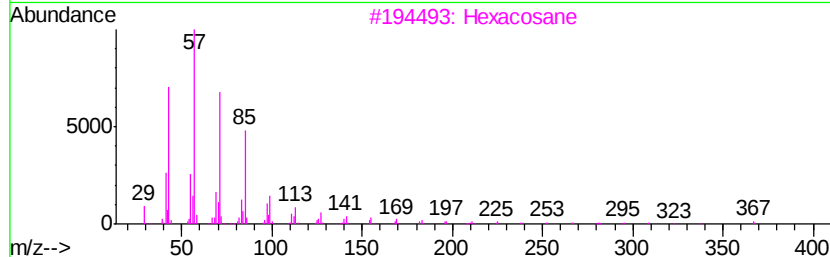
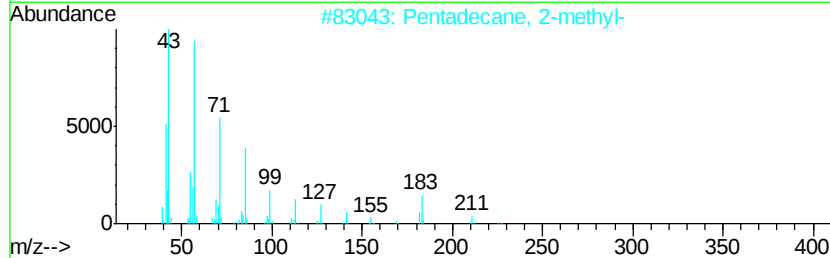
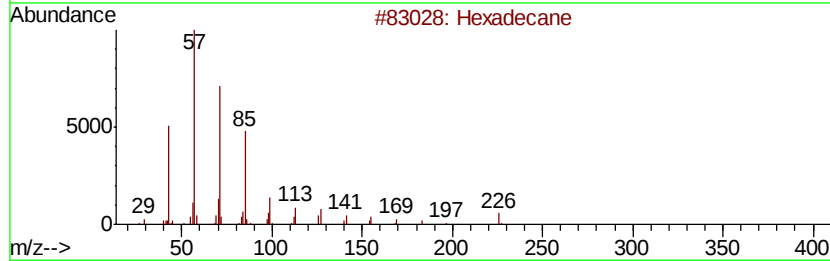
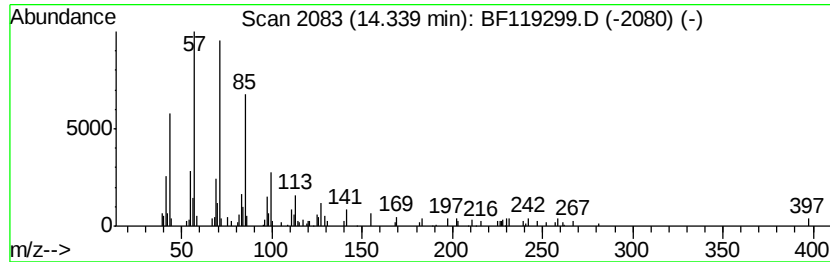
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	2.49 ng	100420	Chrysene-d12	13.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Pentadecane, 2-methyl-		226	C16H34	001560-93-6	90
3	Hexacosane		366	C26H54	000630-01-3	90
4	Hentriacontane		437	C31H64	000630-04-6	90
5	Tetracosane		338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119299.D
 Acq On : 9 Mar 2020 22:56
 Operator : CG/JU
 Sample : L1844-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

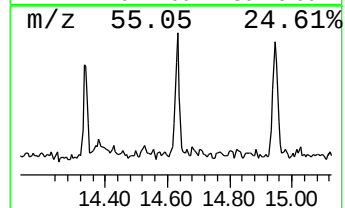
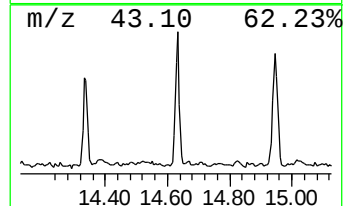
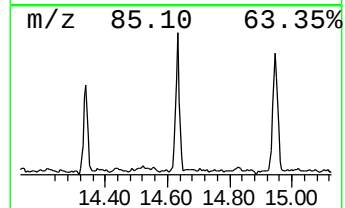
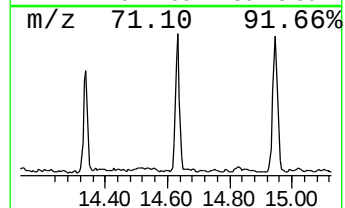
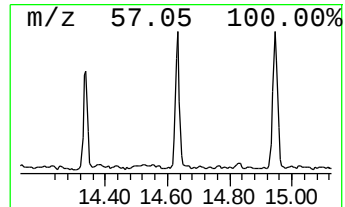
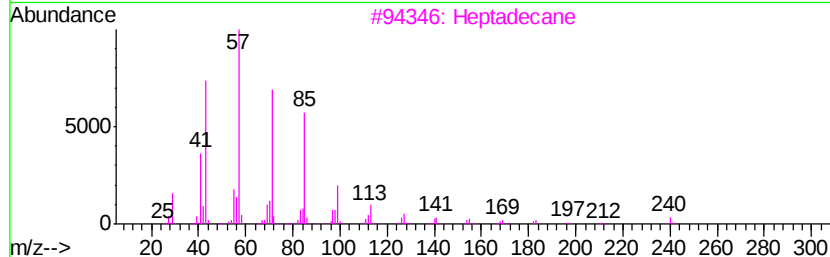
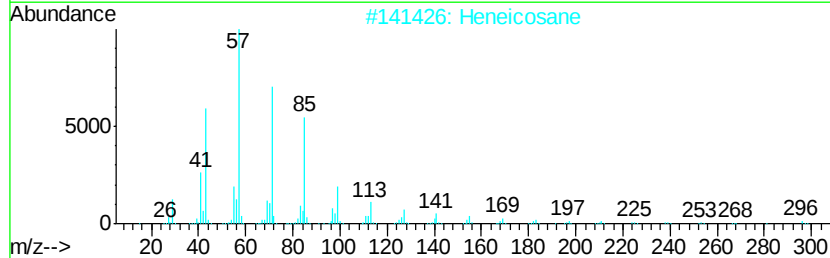
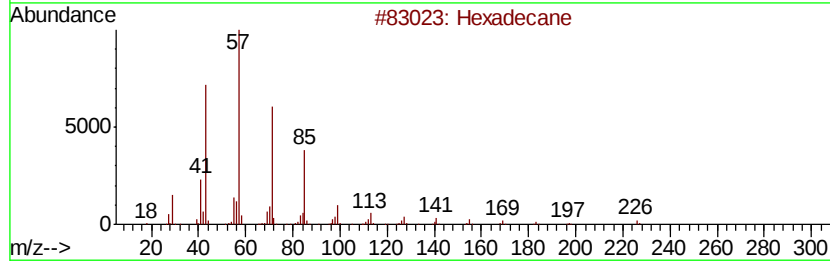
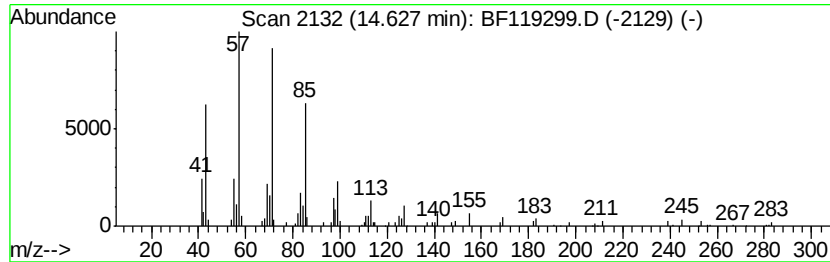
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 ClientSampleId :
 GP-20-030520

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 8 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	3.21 ng	125730	Perylene-d12	15.31
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	96
2	Heneicosane	296 C21H44	000629-94-7	91
3	Heptadecane	240 C17H36	000629-78-7	91
4	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	91
5	Heptadecane, 9-hexyl-	324 C23H48	055124-79-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
Data File : BF119299.D
Acq On : 9 Mar 2020 22:56
Operator : CG/JU
Sample : L1844-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP-20-030520

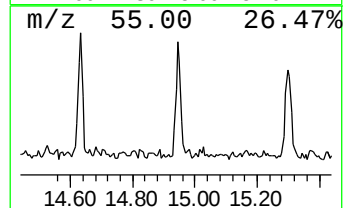
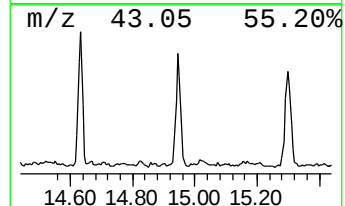
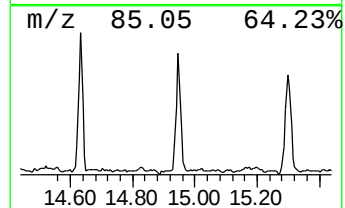
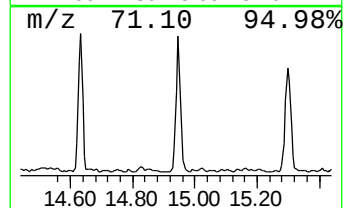
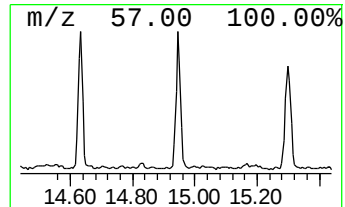
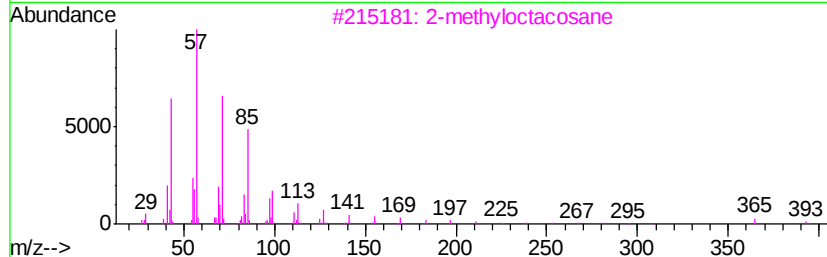
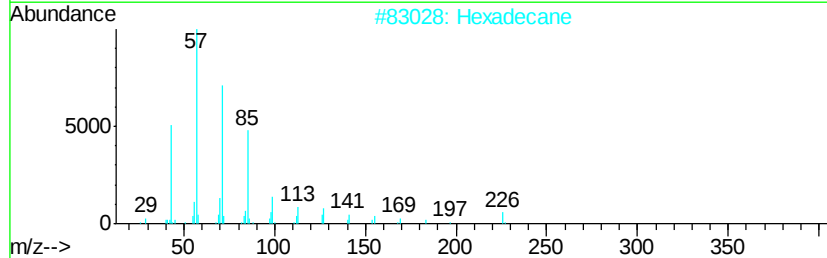
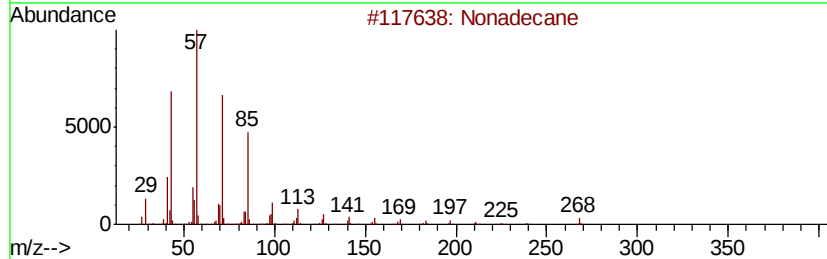
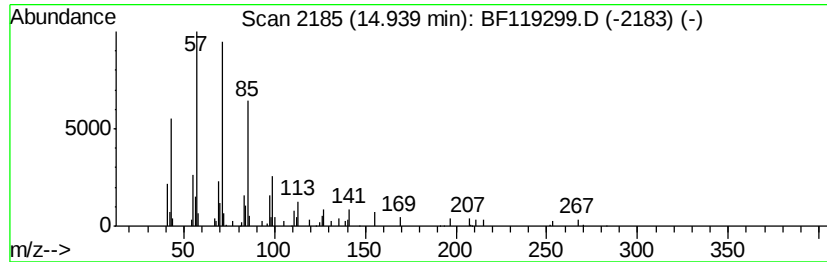
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	3.58 ng	140179	Perylene-d12	15.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Hexadecane	226	C16H34	000544-76-3	93
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
Data File : BF119299.D
Acq On : 9 Mar 2020 22:56
Operator : CG/JU
Sample : L1844-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

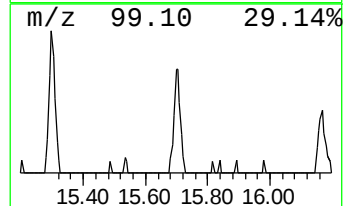
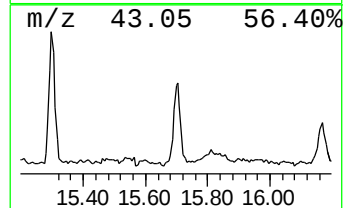
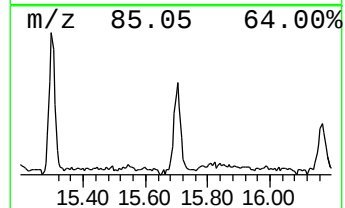
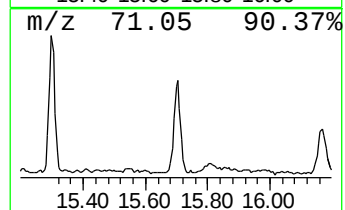
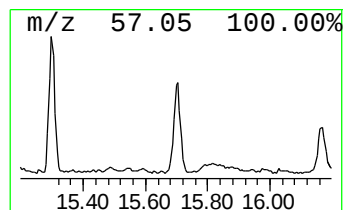
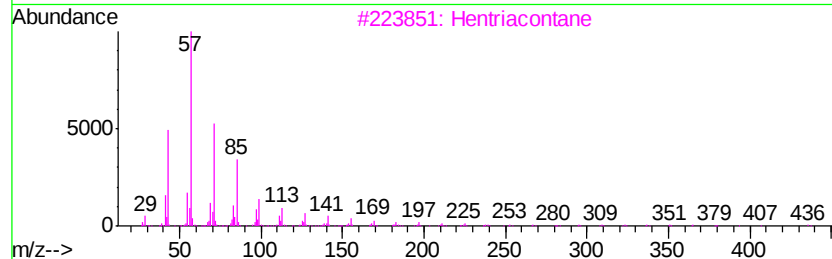
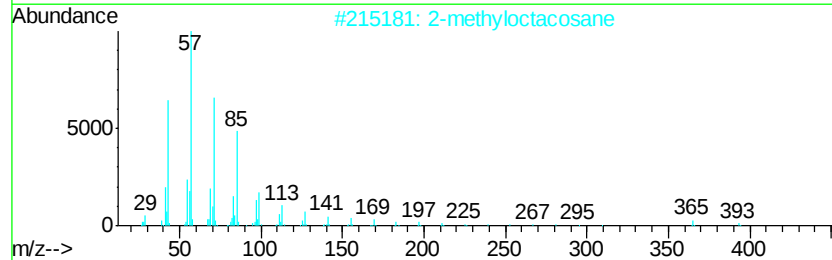
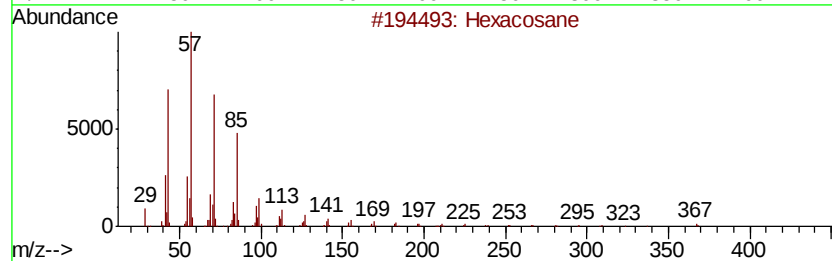
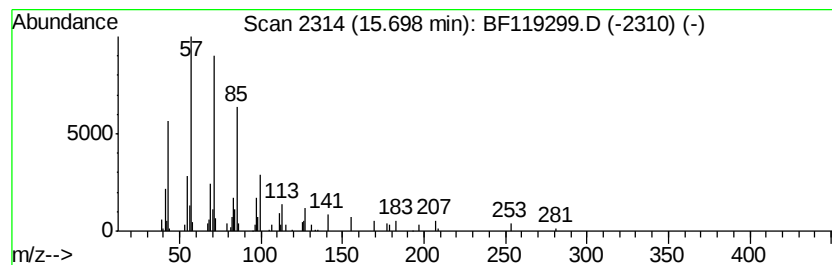
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	2.46 ng	96345	Perylene-d12	15.31
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexacosane	366 C26H54	000630-01-3	91
2	2-methyloctacosane	408 C29H60	1000376-72-8	87
3	Hentriacontane	437 C31H64	000630-04-6	83
4	Eicosane	282 C20H42	000112-95-8	74
5	Heneicosane	296 C21H44	000629-94-7	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030920\
Data File : BF119299.D
Acq On : 9 Mar 2020 22:56
Operator : CG/JU
Sample : L1844-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.92	5.8	ng	142302	1	6.72	491160	20.0
2,4,7,9-Tetrameth...	9.20	16.4	ng	668087	3	9.76	812469	20.0
unknown10.34	10.34	3.3	ng	135364	3	9.76	812469	20.0
n-Hexadecanoic acid	11.77	3.0	ng	131082	4	11.24	889401	20.0
Pentafluoropropio...	13.72	7.9	ng	319548	5	13.88	805764	20.0
Hexadecane	14.34	2.5	ng	100420	5	13.88	805764	20.0
Heneicosane	14.63	3.2	ng	125730	6	15.31	783561	20.0
Nonadecane	14.94	3.6	ng	140179	6	15.31	783561	20.0
Hexacosane	15.70	2.5	ng	96345	6	15.31	783561	20.0