

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119888.D
 Acq On : 9 Apr 2020 23:42
 Operator : MA/SJ
 Sample : L2157-01
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-226

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	4.987	489	493	499	rBV	66575	83292	1.52%	0.219%
2	5.387	555	561	564	rBV	5260759	5473651	100.00%	14.408%
3	6.410	729	735	738	rBV	4620008	5306651	96.95%	13.969%
4	6.598	764	767	778	rBV	268027	219722	4.01%	0.578%
5	6.769	792	796	799	rBV	1281176	1006760	18.39%	2.650%
6	6.928	818	823	826	rBV	4571891	4008751	73.24%	10.552%
7	7.334	886	892	895	rBV	3162355	3490252	63.76%	9.187%
8	8.051	1010	1014	1018	rBV	1412109	1168476	21.35%	3.076%
9	9.133	1193	1198	1201	rBV	5333912	4445232	81.21%	11.701%
10	9.251	1210	1218	1222	rVB2	151735	146972	2.69%	0.387%
11	9.528	1261	1265	1268	rBV	939314	712497	13.02%	1.876%
12	9.810	1309	1313	1316	rBV	1312073	1036828	18.94%	2.729%
13	10.598	1443	1447	1451	rBV	2796580	2562393	46.81%	6.745%
14	11.298	1562	1566	1568	rBV	950399	874565	15.98%	2.302%
15	11.316	1568	1569	1572	rVB	135407	97635	1.78%	0.257%
16	11.827	1653	1656	1665	rBV	497650	476259	8.70%	1.254%
17	12.510	1768	1772	1775	rBV	270440	245605	4.49%	0.647%
18	12.616	1786	1790	1796	rBV2	124364	157897	2.88%	0.416%
19	12.739	1804	1811	1813	rBV	244603	260209	4.75%	0.685%
20	12.886	1832	1836	1839	rBV	3854915	3089781	56.45%	8.133%
21	13.369	1915	1918	1923	rVB	87766	94235	1.72%	0.248%
22	13.457	1930	1933	1937	rBV3	75285	97083	1.77%	0.256%
23	13.792	1986	1990	2005	rVB2	276220	445917	8.15%	1.174%
24	13.939	2009	2015	2017	rBV	895342	949035	17.34%	2.498%
25	13.963	2017	2019	2021	rVB	109545	84998	1.55%	0.224%
26	14.416	2093	2096	2098	rBV2	84428	77841	1.42%	0.205%
27	14.715	2144	2147	2150	rVB	72894	74794	1.37%	0.197%
28	14.957	2185	2188	2192	rBV	104012	160564	2.93%	0.423%
29	15.045	2200	2203	2210	rVB2	81343	93322	1.70%	0.246%
30	15.257	2235	2239	2245	rVB	61275	89268	1.63%	0.235%
31	15.315	2245	2249	2254	rVV	88851	119681	2.19%	0.315%
32	15.374	2255	2259	2263	rVV	562314	681975	12.46%	1.795%
33	15.410	2263	2265	2270	rVB2	72978	94251	1.72%	0.248%
34	15.833	2334	2337	2341	rVB2	46839	63122	1.15%	0.166%

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-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

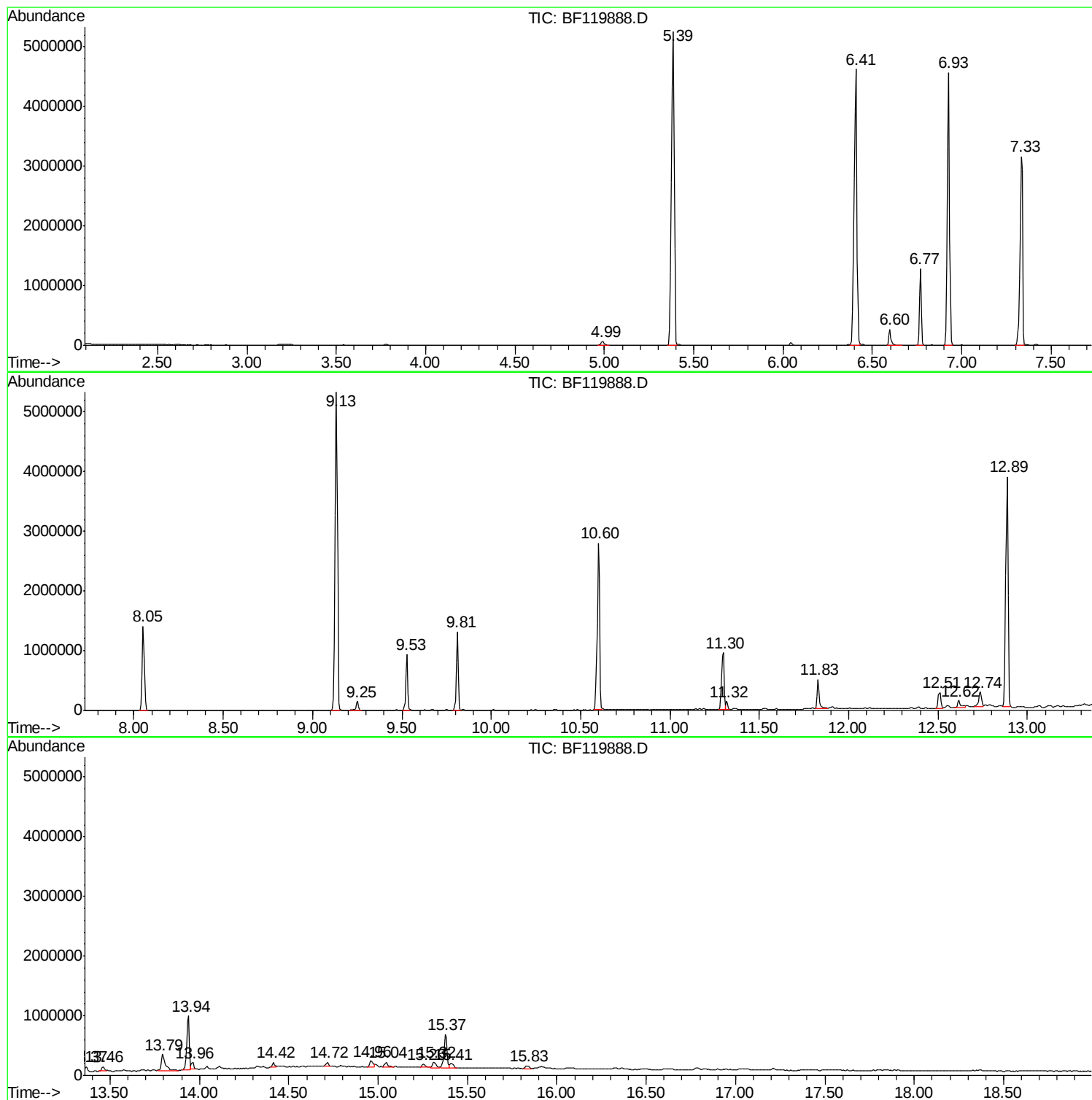
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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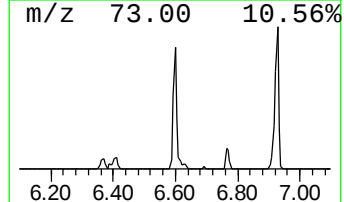
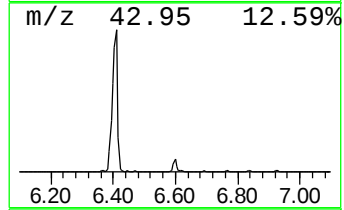
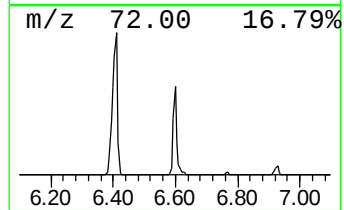
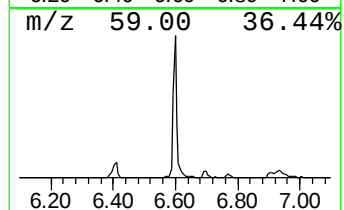
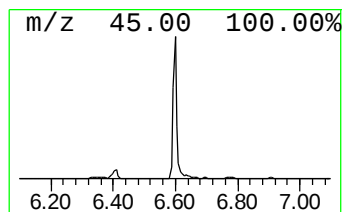
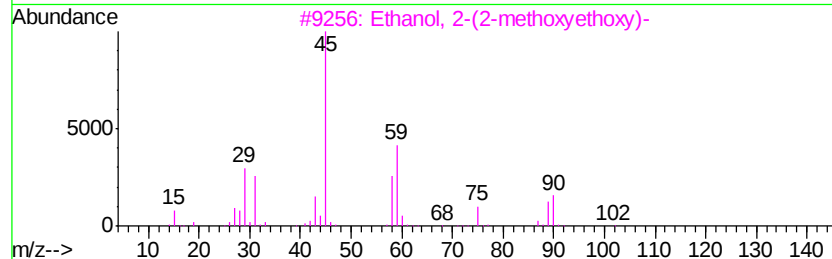
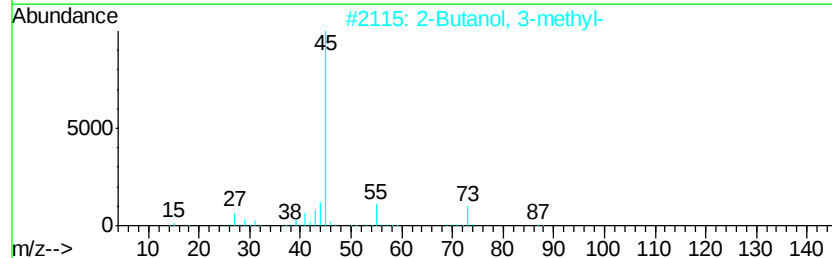
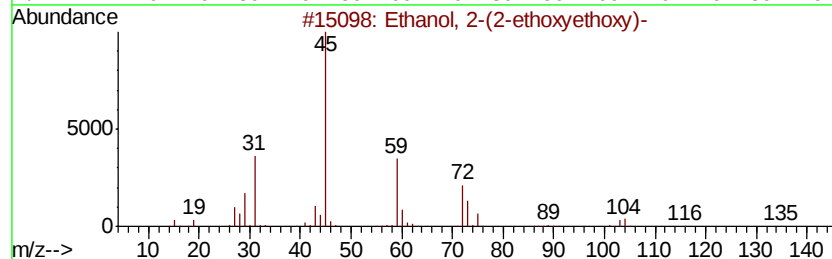
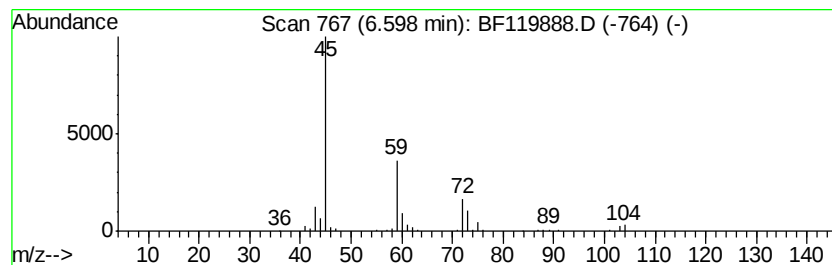
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	4.36 ng	219722	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2		2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	47
3		Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	38
4		2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	38
5		Methoxyacetic acid, butyl ester	146	C7H14O3	017640-22-1	33



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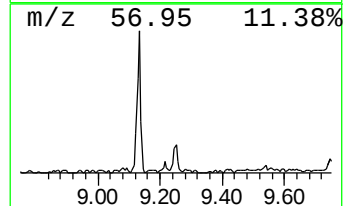
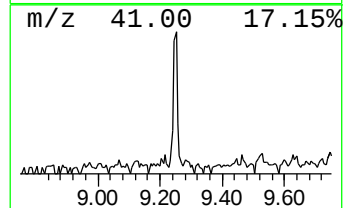
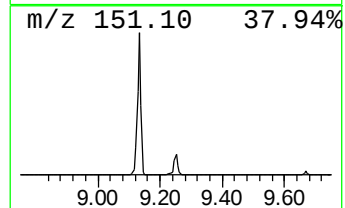
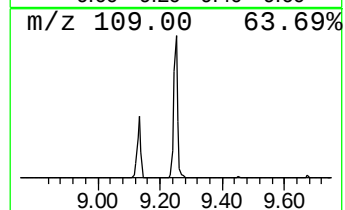
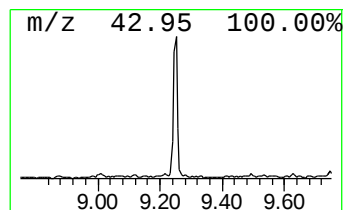
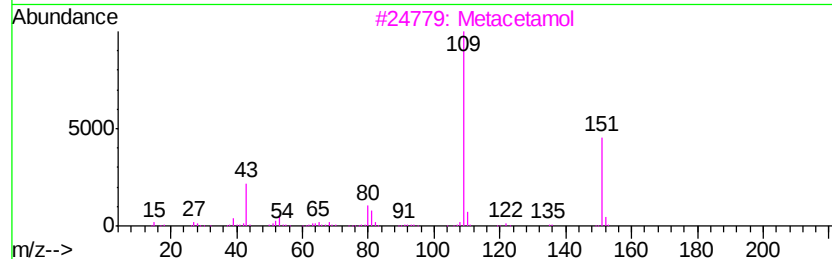
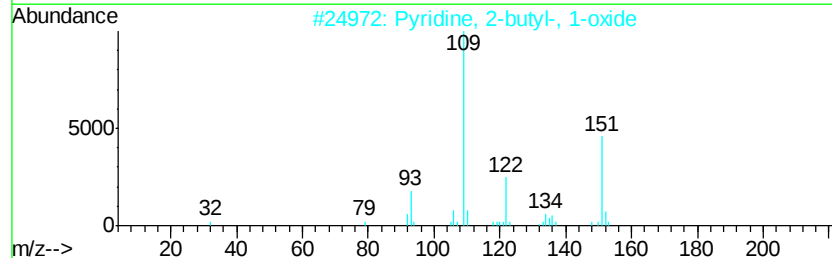
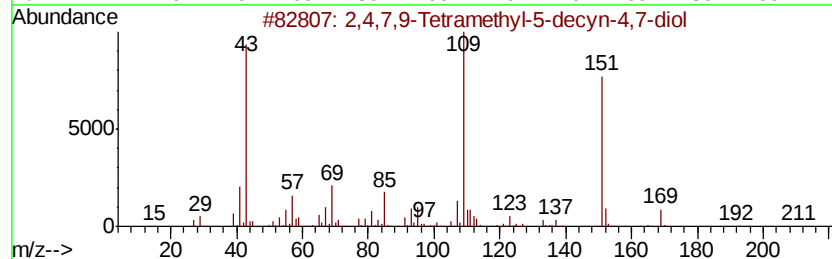
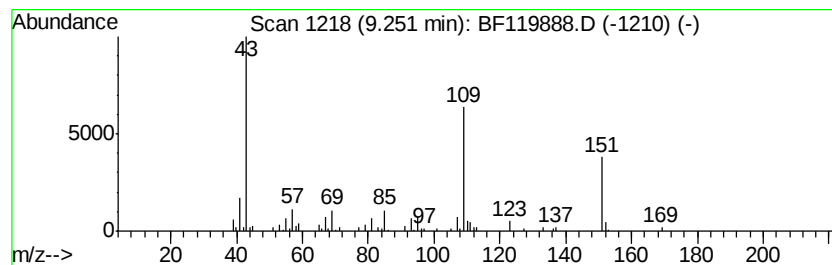
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	2.84 ng	146972	Acenaphthene-d10	9.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	53
2		Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	53
3		Metacetamol	151	C8H9NO2	000621-42-1	47
4		m-Isopropoxvaniline	151	C9H13NO	041406-00-2	38
5		Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	38



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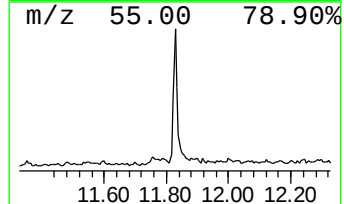
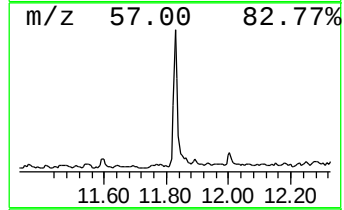
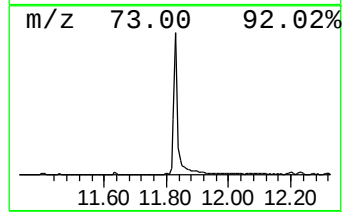
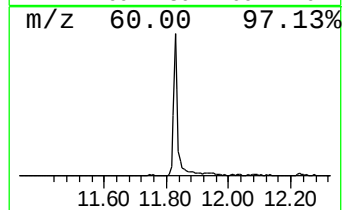
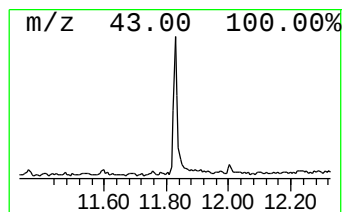
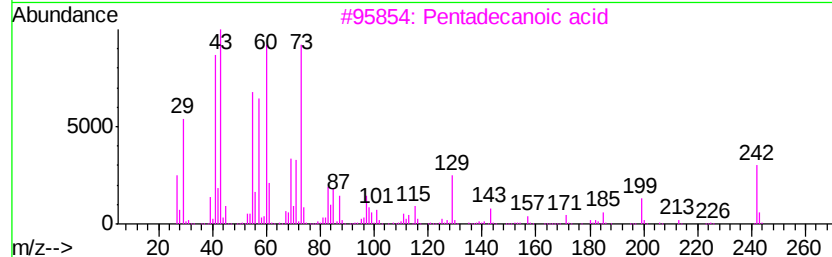
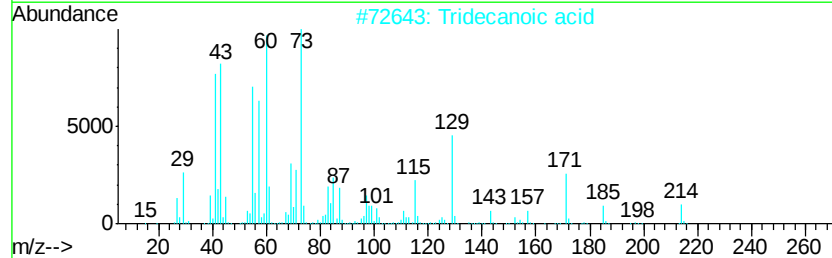
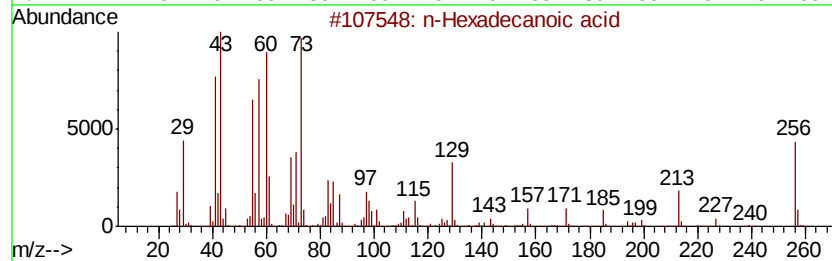
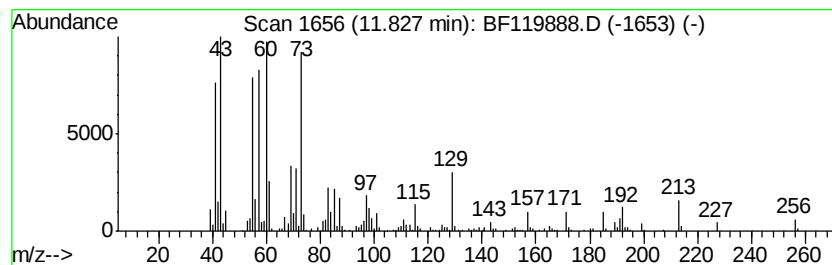
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	10.89 ng	476259	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	89
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4		Dodecanoic acid	200	C12H24O2	000143-07-7	76
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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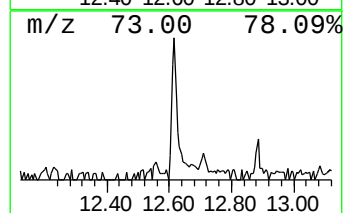
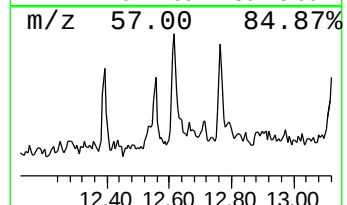
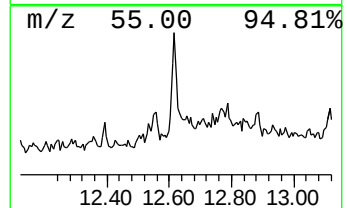
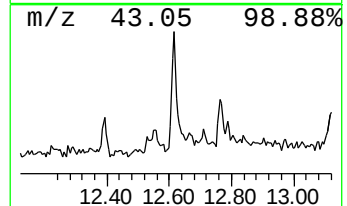
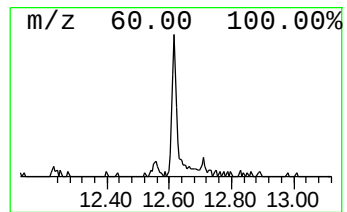
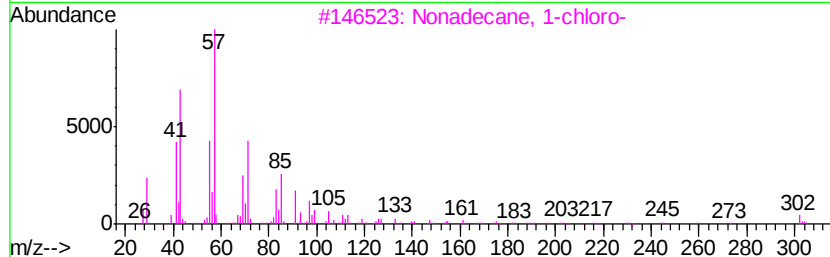
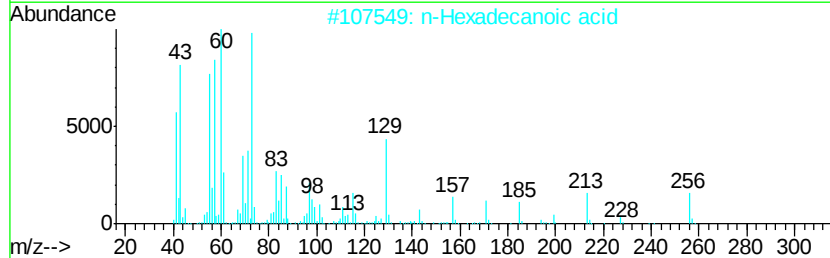
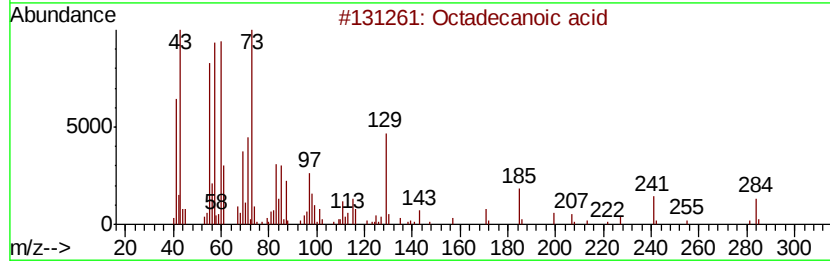
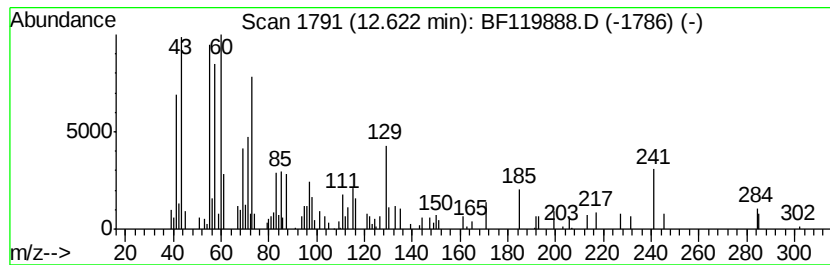
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	3.61 ng	157897	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	52
3	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	35
4	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	30
5	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	30



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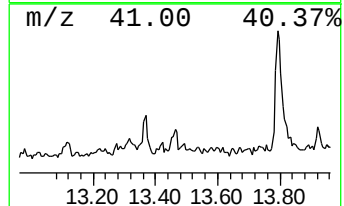
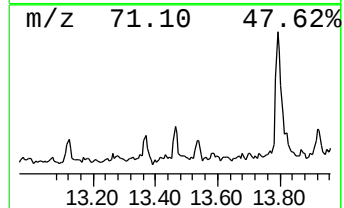
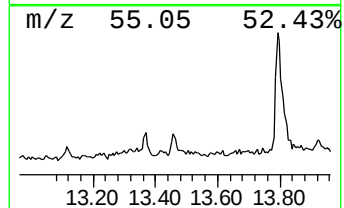
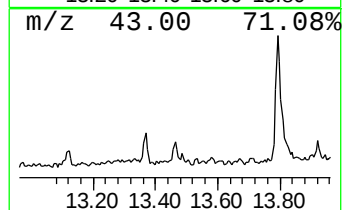
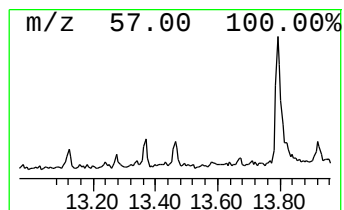
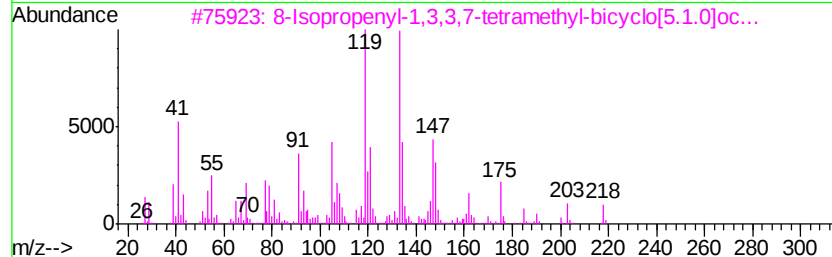
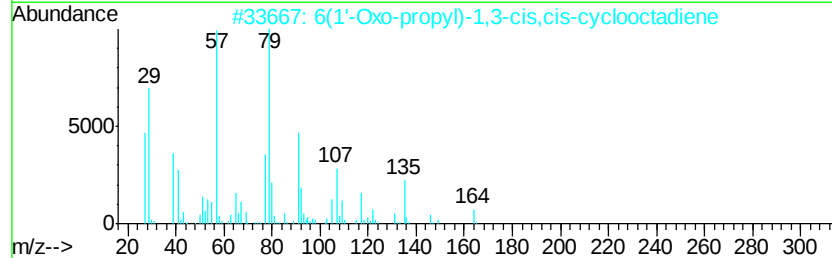
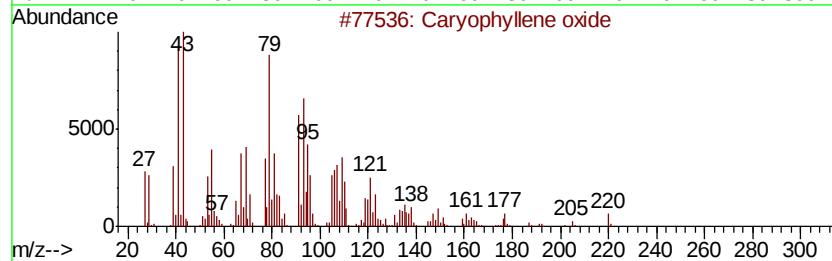
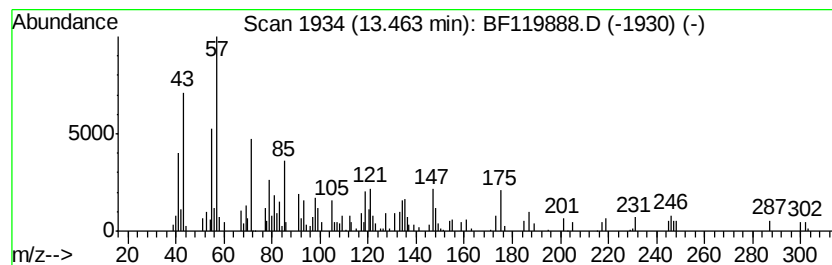
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Peak Number 6 unknown13.46 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	2.05 ng	97083	Chrysene-d12	13.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carvophyllene oxide	220	C15H24O	001139-30-6	14
2		6(1'-Oxo-propyl)-1,3-cis,cis-cyc...	164	C11H16O	138146-07-3	14
3		8-Isopropenyl-1,3,3,7-tetramethy...	218	C15H22O	1000189-25-8	14
4		2,6,9,11-Dodecatetraene-1-carbox...	220	C14H20O2	1000158-81-6	14
5		1,5,9,9-Tetramethyl-2-methylene-...	190	C14H22	1000186-71-7	14



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ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-226

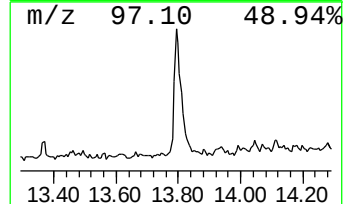
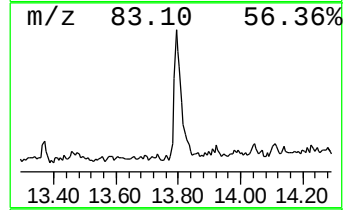
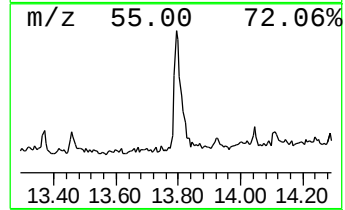
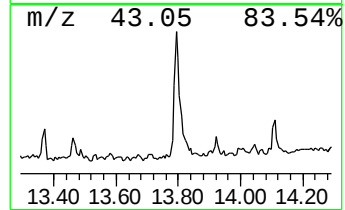
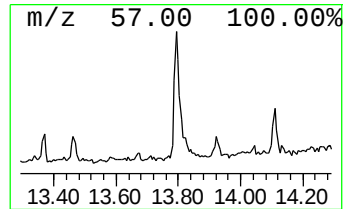
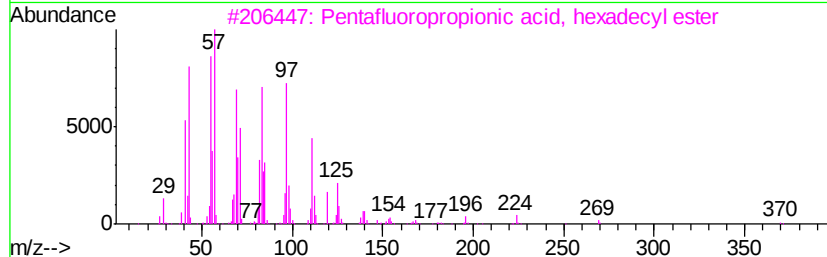
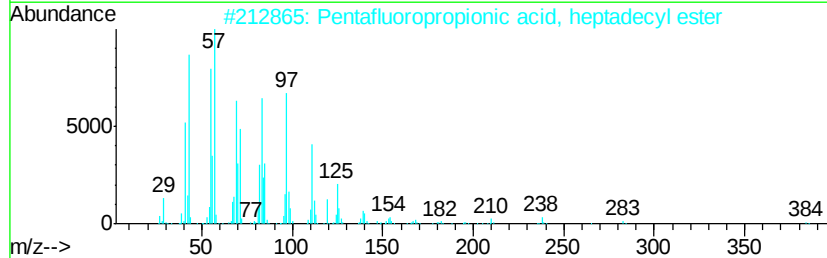
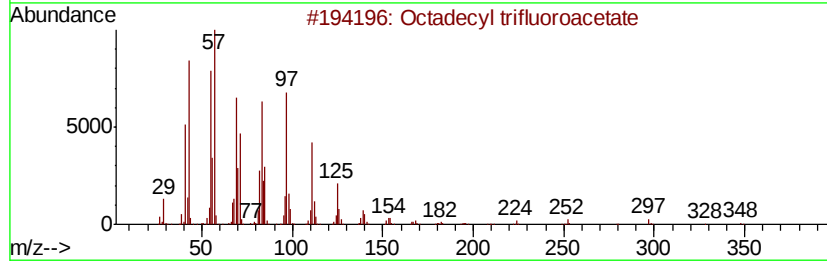
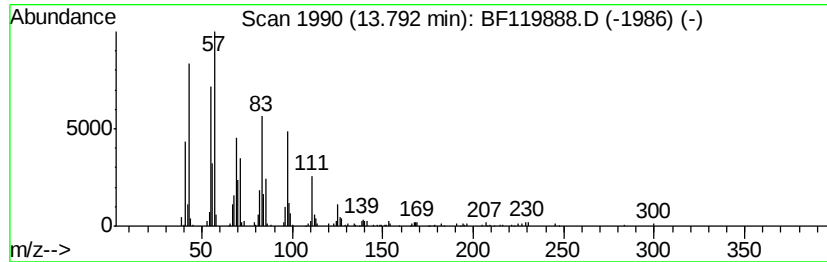
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecyl trifluoroacetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	9.40 ng	445917	Chrysene-d12	13.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
2		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
3		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
4		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
5		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119888.D
Acq On : 9 Apr 2020 23:42
Operator : MA/SJ
Sample : L2157-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-226

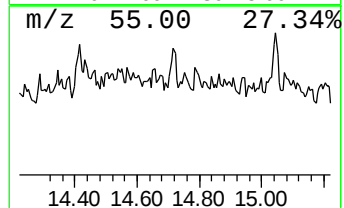
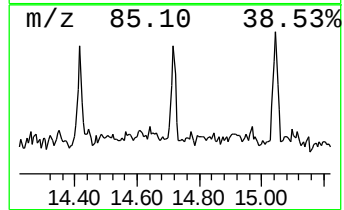
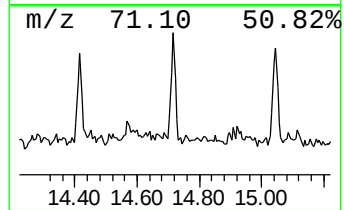
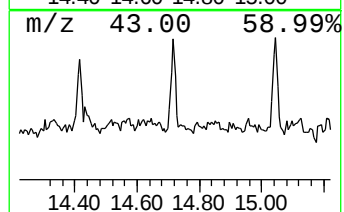
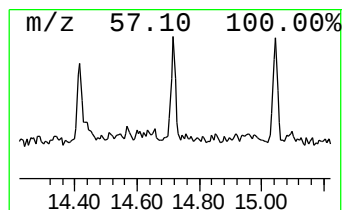
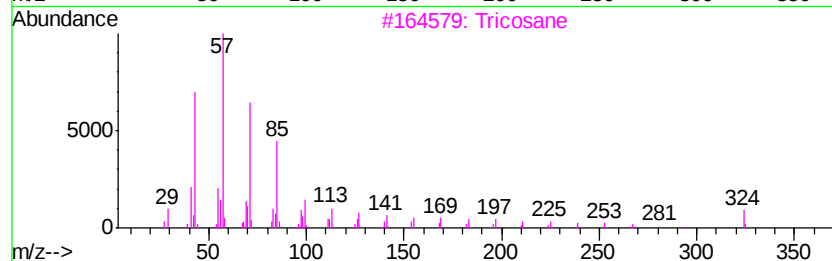
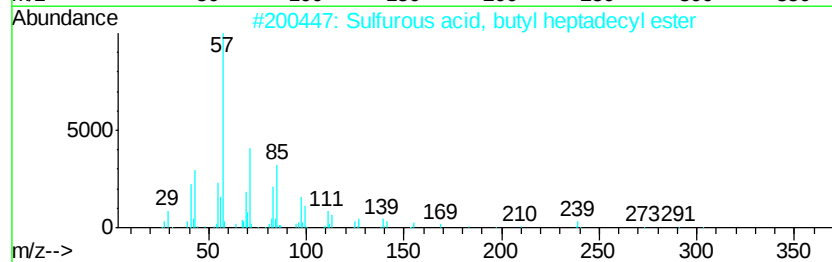
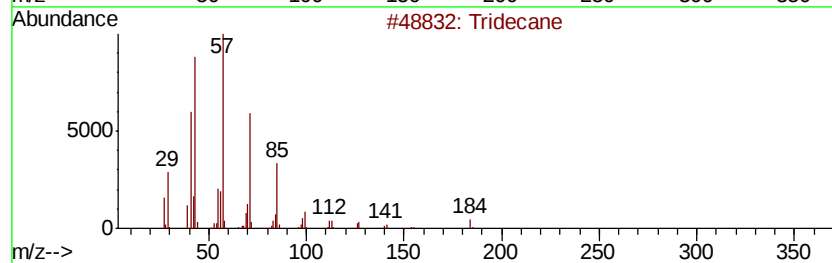
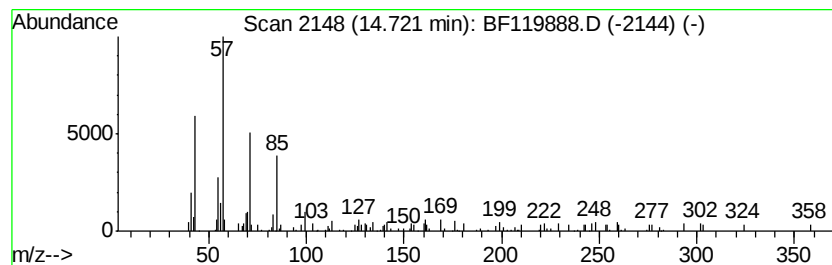
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	2.19 ng	74794	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	72
2		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	72
3		Tricosane	324	C23H48	000638-67-5	72
4		Heptadecane	240	C17H36	000629-78-7	72
5		3,5-Dimethyldodecane	198	C14H30	107770-99-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
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Operator : MA/SJ
Sample : L2157-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-226

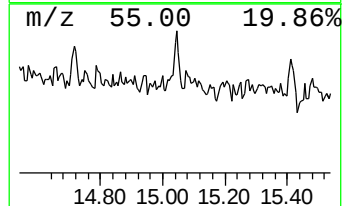
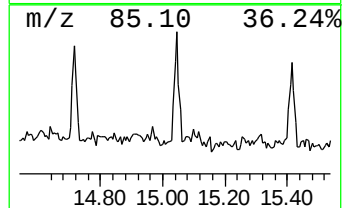
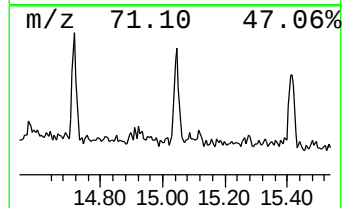
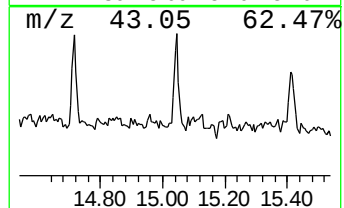
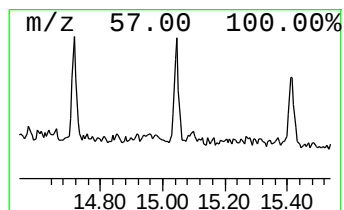
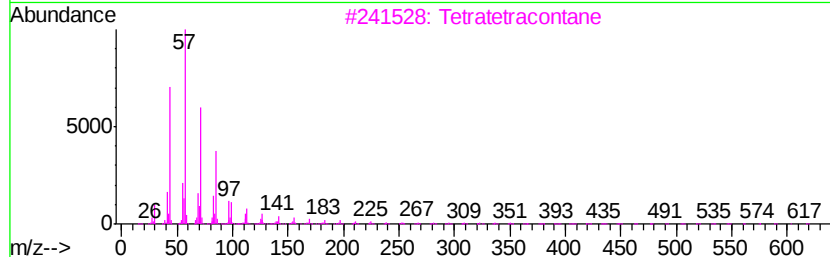
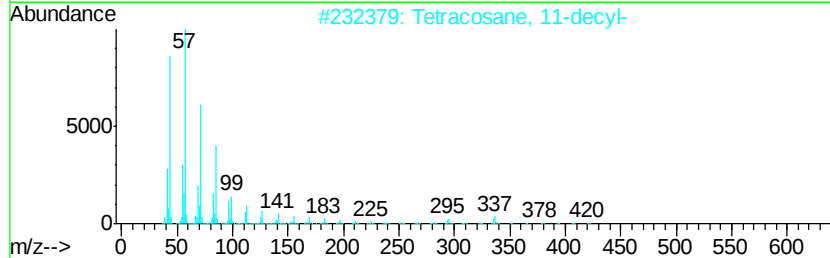
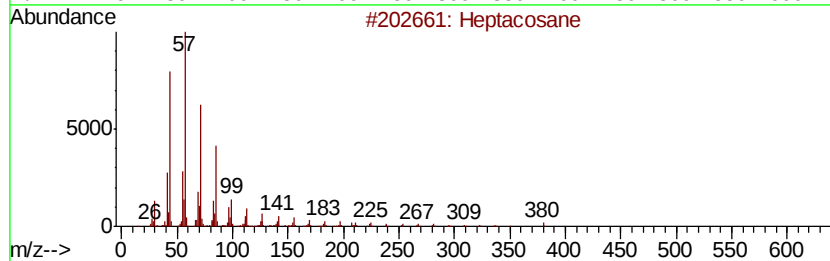
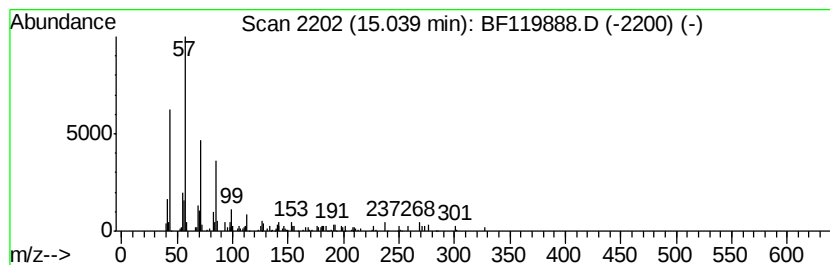
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	2.74 ng	93322	Perylene-d12	15.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	90
2	Tetracosane, 11-decyl-		479	C34H70	055429-84-0	87
3	Tetratetracontane		619	C44H90	007098-22-8	87
4	Sulfurous acid, butyl undecyl ester		292	C15H32O3S	1000309-17-8	86
5	Hentriacontane		437	C31H64	000630-04-6	86



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Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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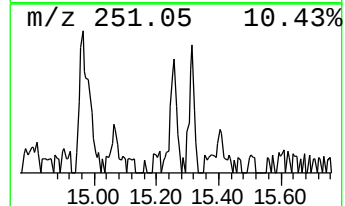
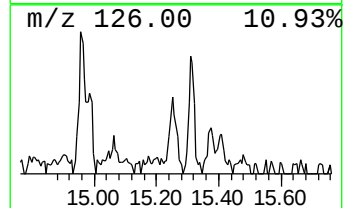
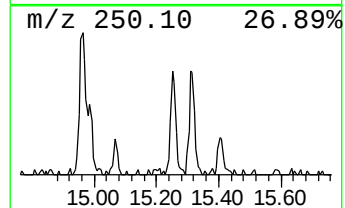
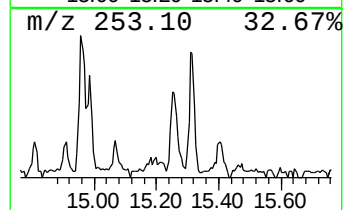
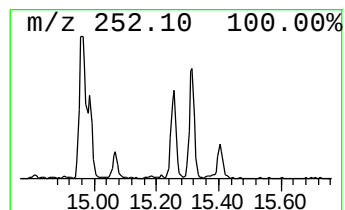
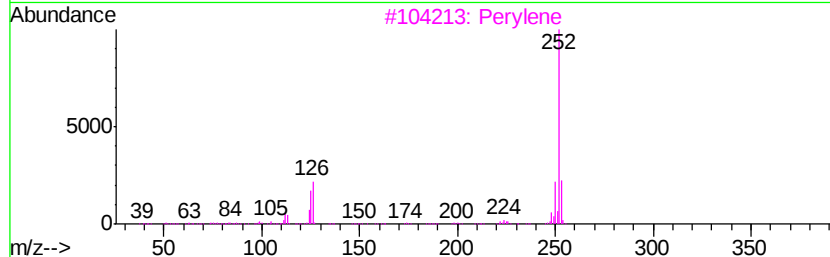
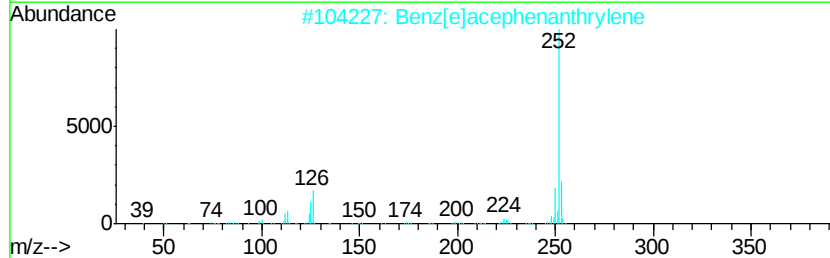
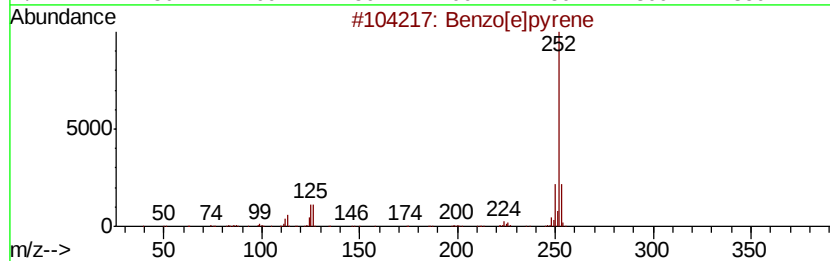
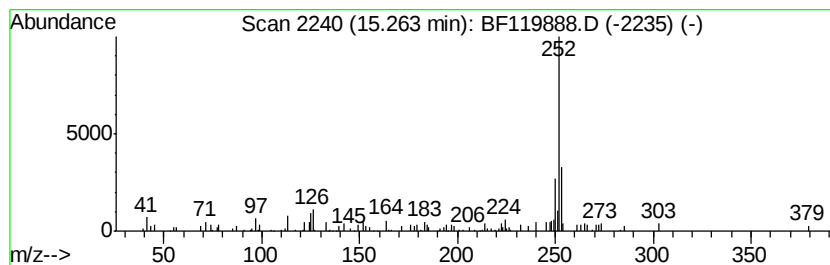
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	2.62 ng	89268	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	90
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	81
3		Perylene	252	C20H12	000198-55-0	76
4		Benzo[a]pyrene	252	C20H12	000050-32-8	74
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	72



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Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol, 2-(2-eth...	6.60	4.4	ng	219722	1	6.77	1006760	20.0
2,4,7,9-Tetrameth...	9.25	2.8	ng	146972	3	9.81	1036830	20.0
n-Hexadecanoic acid	11.83	10.9	ng	476259	4	11.30	874565	20.0
Octadecanoic acid	12.62	3.6	ng	157897	4	11.30	874565	20.0
unknown13.46	13.46	2.0	ng	97083	5	13.94	949035	20.0
Octadecyl trifluo...	13.79	9.4	ng	445917	5	13.94	949035	20.0
Tridecane	14.72	2.2	ng	74794	6	15.37	681975	20.0
Heptacosane	15.04	2.7	ng	93322	6	15.37	681975	20.0
Benzo[e]pyrene	15.26	2.6	ng	89268	6	15.37	681975	20.0