

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119594.D
 Acq On : 28 Mar 2020 4:13
 Operator : CG/JU
 Sample : L2049-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(10-12)

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-BF031820.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	2.122	3	6	13	rVB	278889	333749	4.13%	0.522%
2	2.228	18	24	30	rBV	119795	155278	1.92%	0.243%
3	5.051	495	504	514	rVB	148467	209416	2.59%	0.328%
4	5.445	566	571	574	rBV	6861195	7232170	89.40%	11.310%
5	6.457	737	743	746	rBV	6457160	7178276	88.73%	11.226%
6	6.834	803	807	810	rBV	1905349	1614342	19.96%	2.525%
7	6.987	829	833	837	rBV	5611543	5493001	67.90%	8.591%
8	7.392	897	902	905	rBV	4484824	4777022	59.05%	7.471%
9	8.116	1020	1025	1028	rBV	2487323	2110803	26.09%	3.301%
10	9.198	1203	1209	1212	rBV	8261914	7916023	97.85%	12.380%
11	9.586	1269	1275	1279	rBV	906915	697483	8.62%	1.091%
12	9.875	1319	1324	1327	rBV	3068111	2521906	31.17%	3.944%
13	10.663	1453	1458	1461	rBV	5879992	5542170	68.51%	8.667%
14	11.363	1573	1577	1580	rBV	2949399	2579789	31.89%	4.035%
15	11.892	1663	1667	1676	rBV	691003	690635	8.54%	1.080%
16	12.674	1797	1800	1814	rBV	198102	269291	3.33%	0.421%
17	12.957	1842	1848	1851	rBV	7731812	8089890	100.00%	12.652%
18	13.857	1997	2001	2021	rBV	665195	1133231	14.01%	1.772%
19	14.004	2022	2026	2029	rBV	2182225	2108155	26.06%	3.297%
20	14.174	2052	2055	2058	rBV	179643	151654	1.87%	0.237%
21	14.480	2103	2107	2110	rBV	270784	228948	2.83%	0.358%
22	14.786	2153	2159	2164	rBV	284759	281895	3.48%	0.441%
23	15.127	2213	2217	2222	rBV	265387	281857	3.48%	0.441%
24	15.462	2269	2274	2279	rBV2	1334992	1720931	21.27%	2.691%
25	15.509	2279	2282	2290	rVB	211103	263348	3.26%	0.412%
26	15.945	2349	2356	2361	rBV	134170	217275	2.69%	0.340%
27	16.456	2437	2443	2455	rVB	70506	143964	1.78%	0.225%

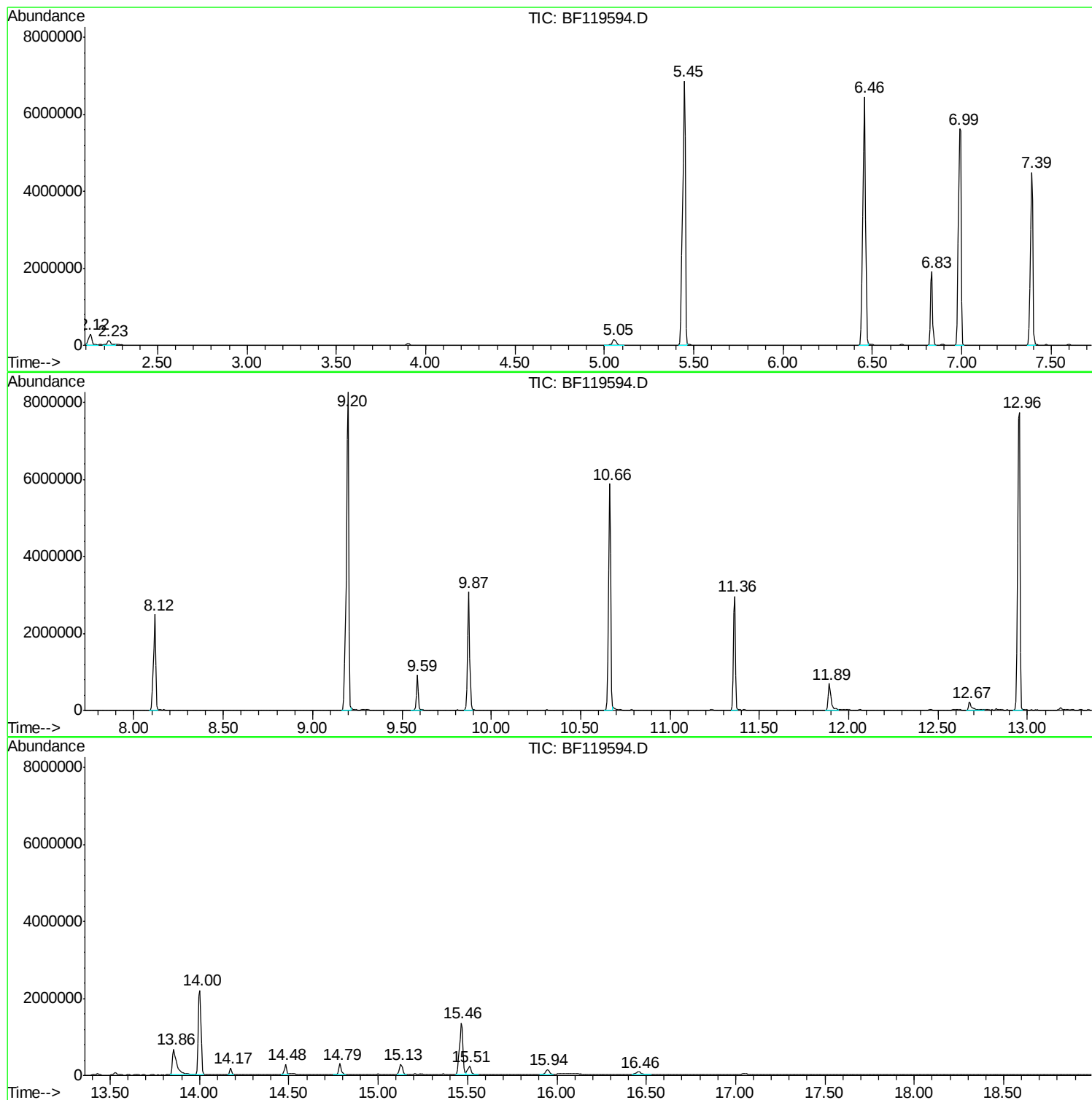
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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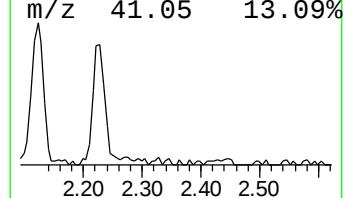
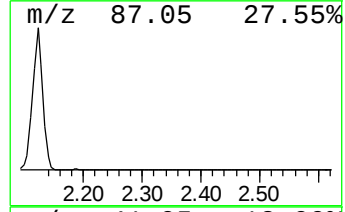
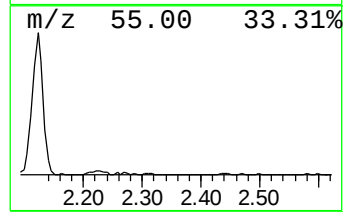
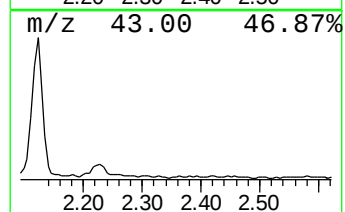
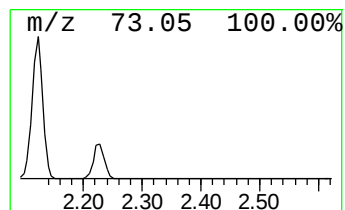
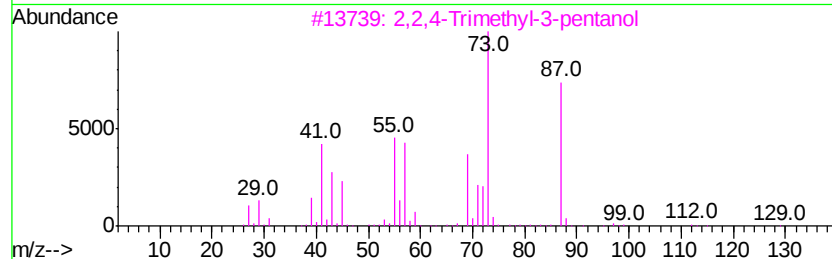
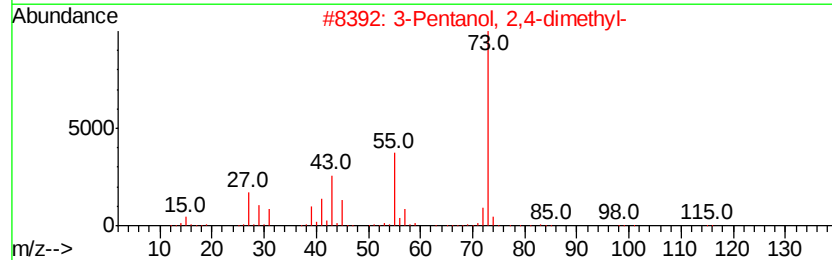
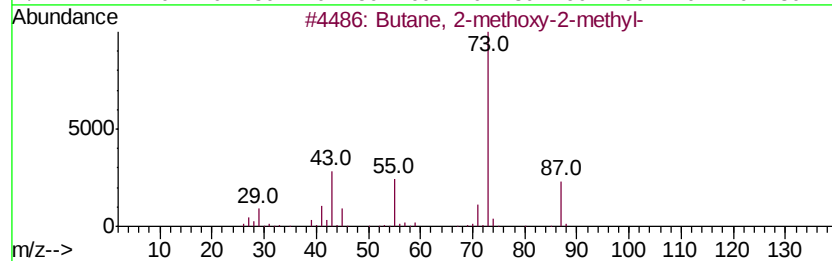
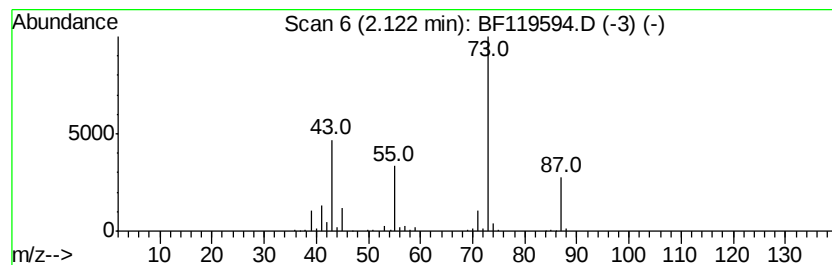
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	4.13 ng	333749	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	12



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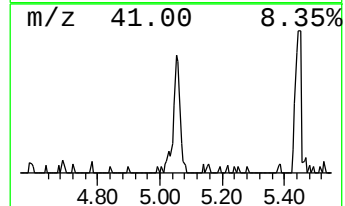
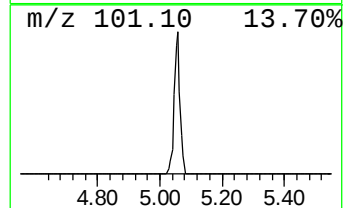
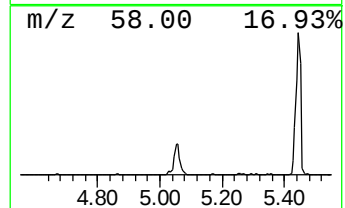
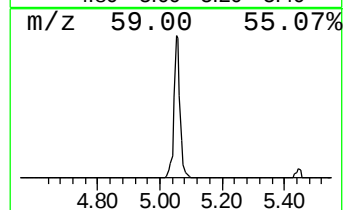
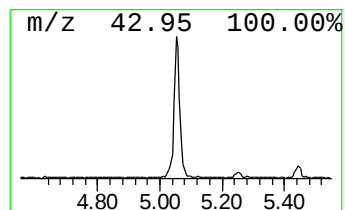
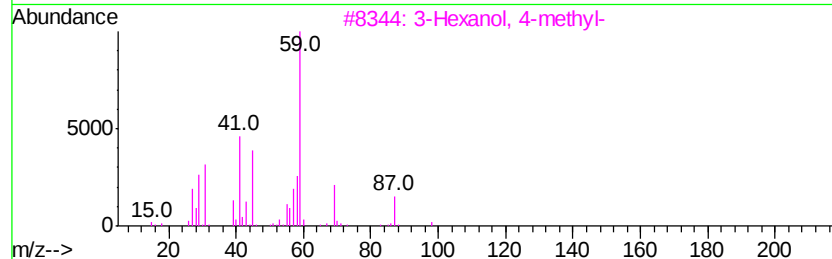
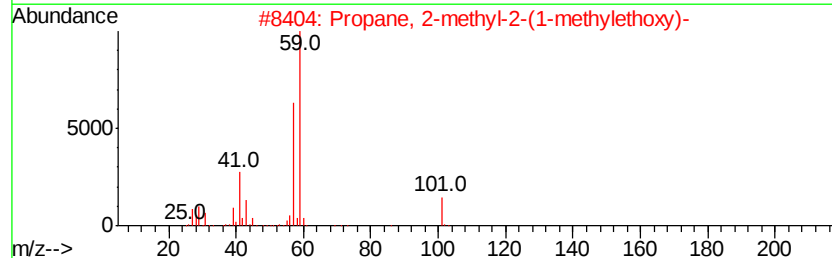
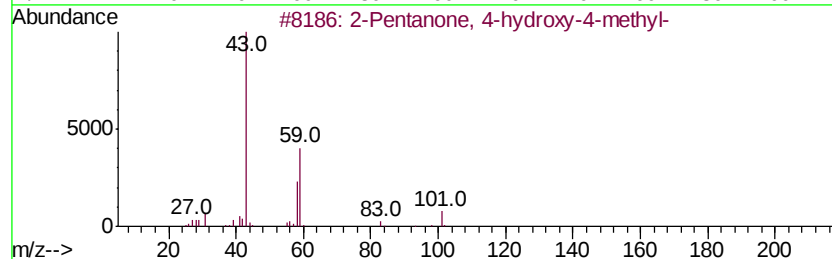
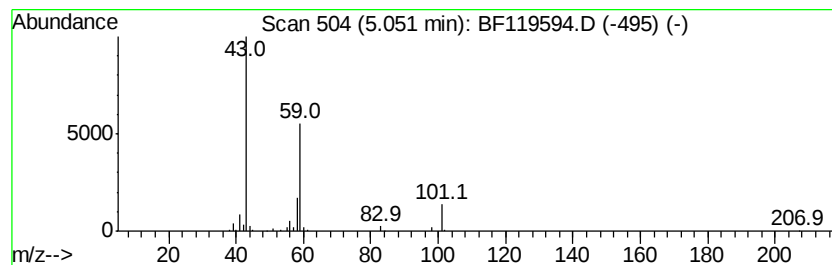
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	2.59 ng	209416	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	42
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5		4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9



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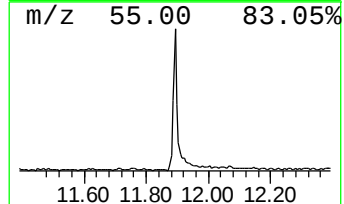
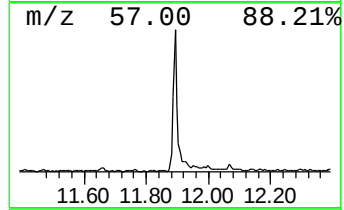
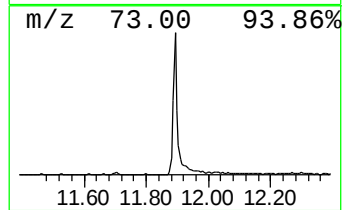
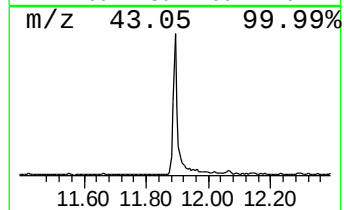
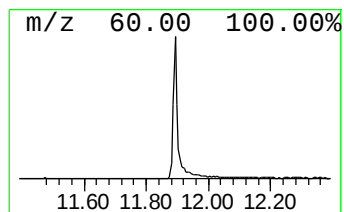
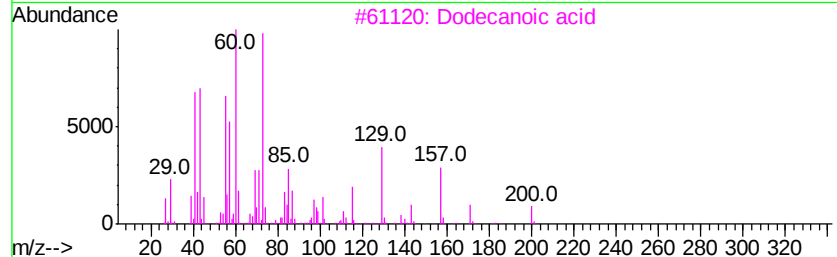
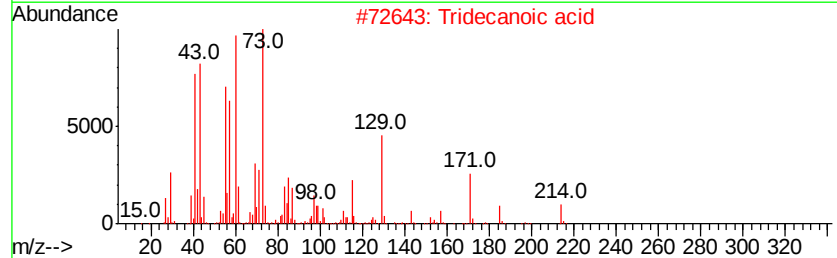
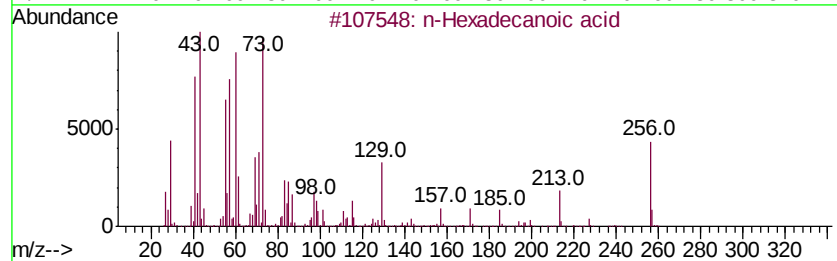
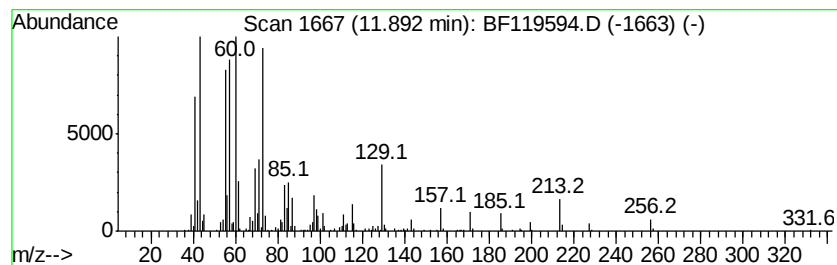
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TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.89	5.35 ng	690635	Phenanthrene-d10		11.36
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Dodecanoic acid	200	C12H24O2	000143-07-7	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Octadecanoic acid	284	C18H36O2	000057-11-4	81



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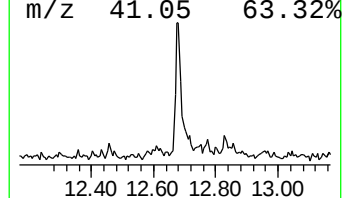
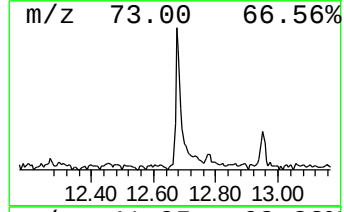
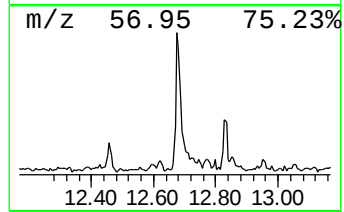
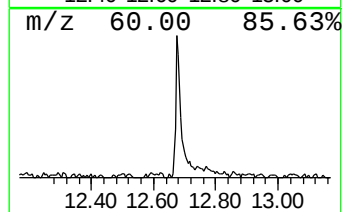
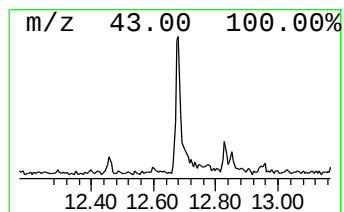
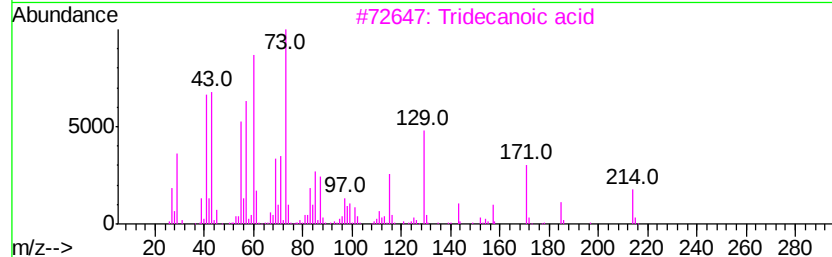
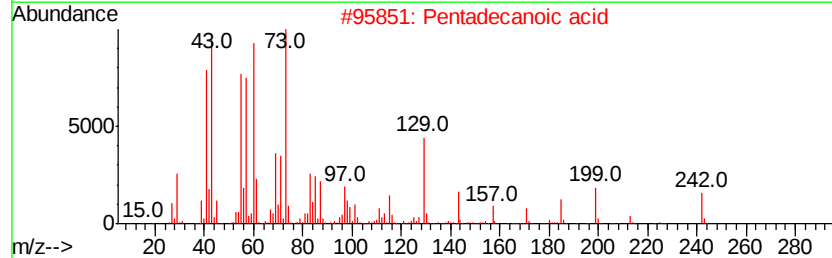
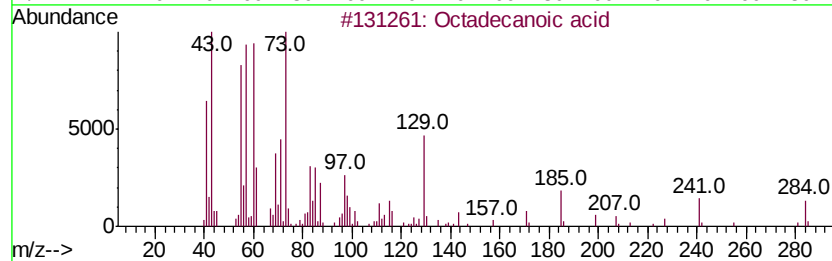
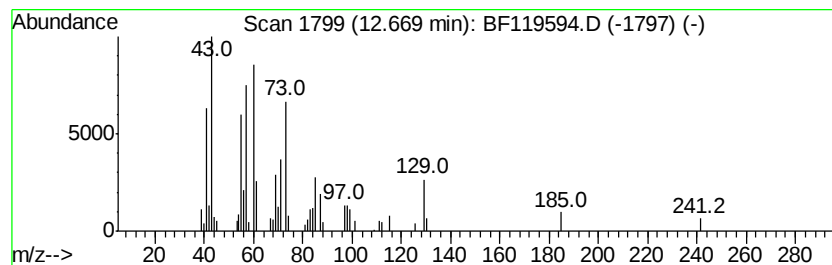
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Peak Number 5 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	2.09 ng	269291	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	91
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
3		Tridecanoic acid	214	C13H26O2	000638-53-9	80
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	64



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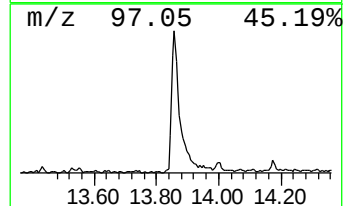
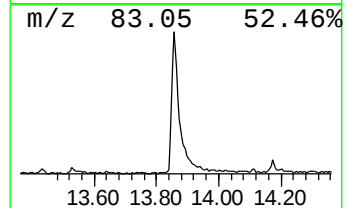
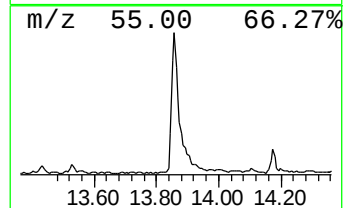
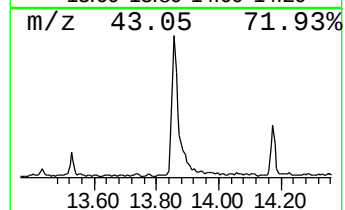
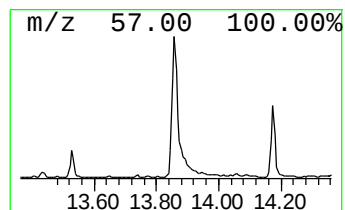
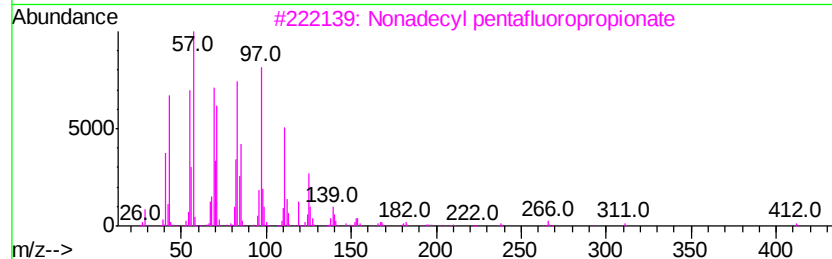
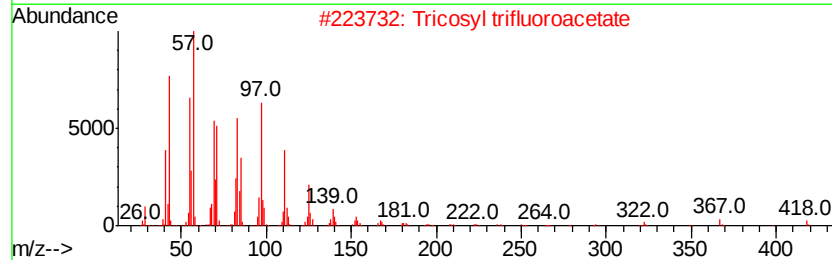
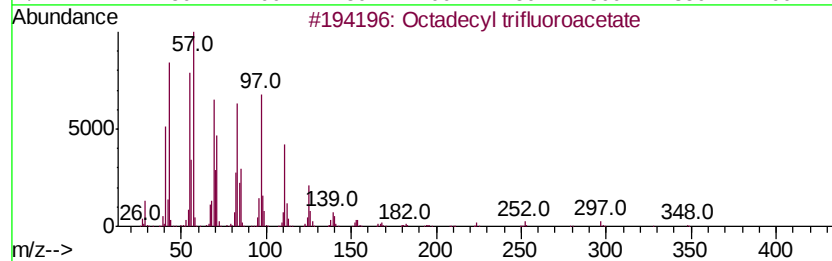
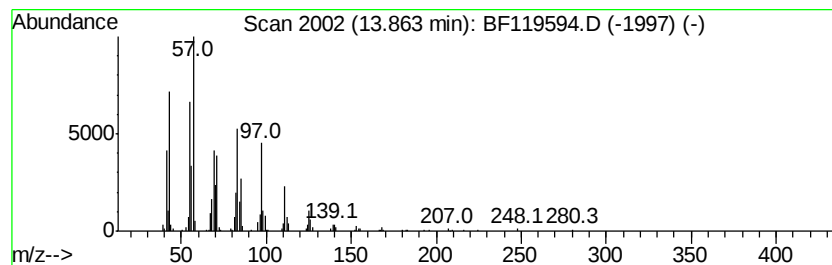
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TIC Integration Parameters: LSCINT.P

Peak Number 6 Octadecyl trifluoroacetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	10.75 ng	1133230	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
2		Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
3		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91



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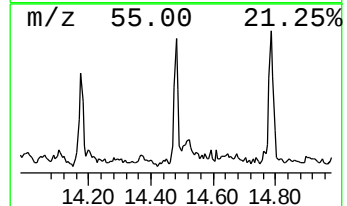
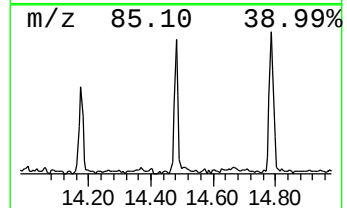
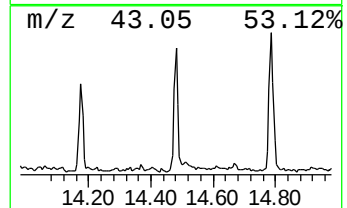
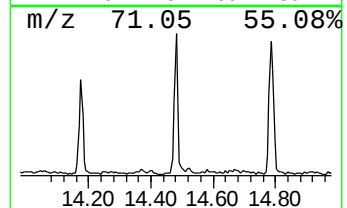
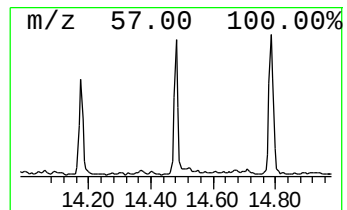
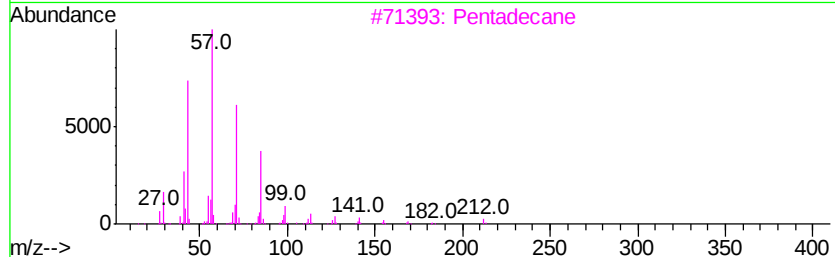
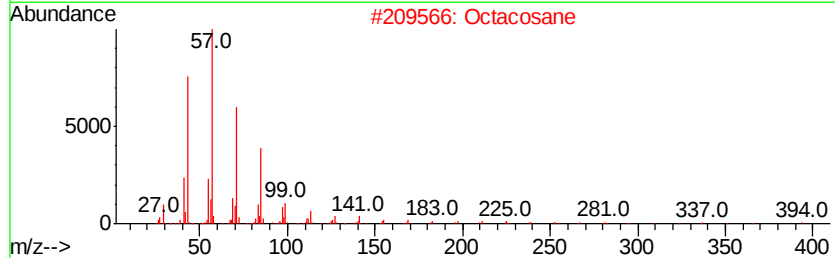
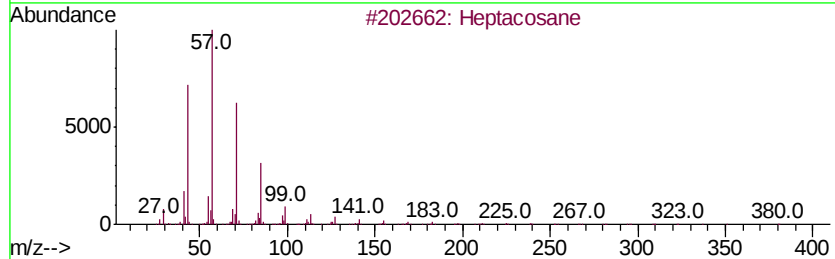
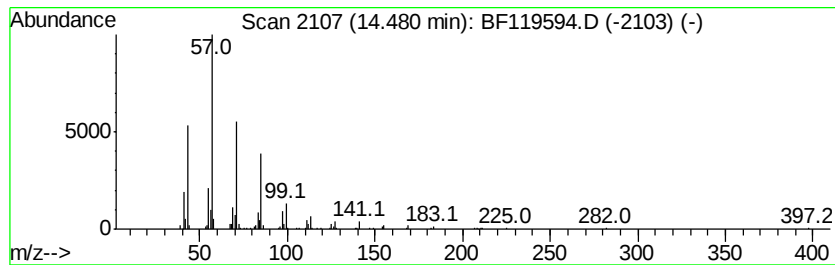
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	2.17 ng	228948	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Octacosane		394	C28H58	000630-02-4	91
3	Pentadecane		212	C15H32	000629-62-9	86
4	Hexadecane		226	C16H34	000544-76-3	86
5	Eicosane		282	C20H42	000112-95-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119594.D
Acq On : 28 Mar 2020 4:13
Operator : CG/JU
Sample : L2049-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)

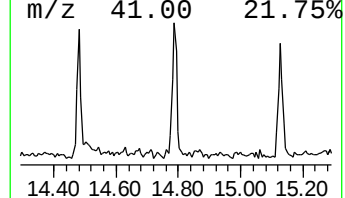
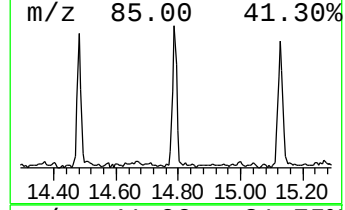
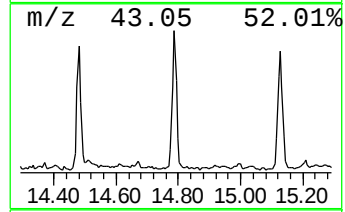
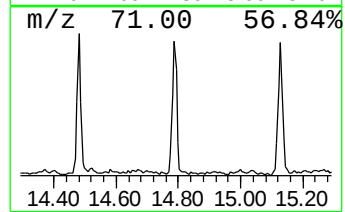
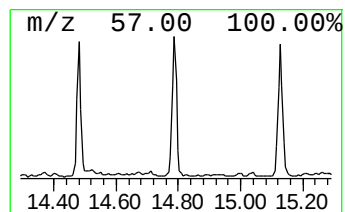
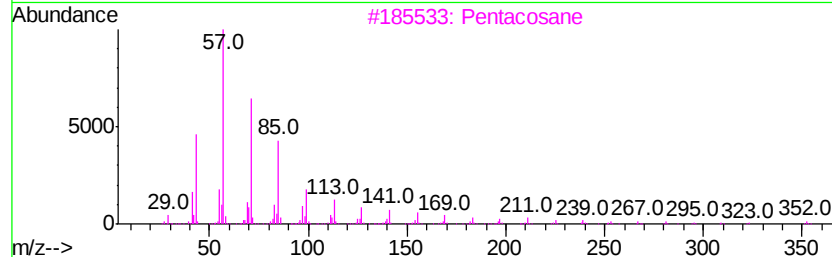
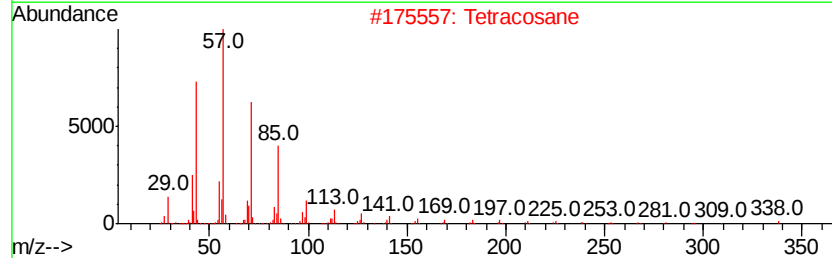
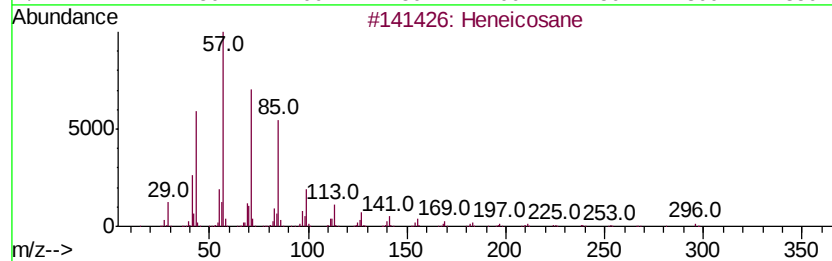
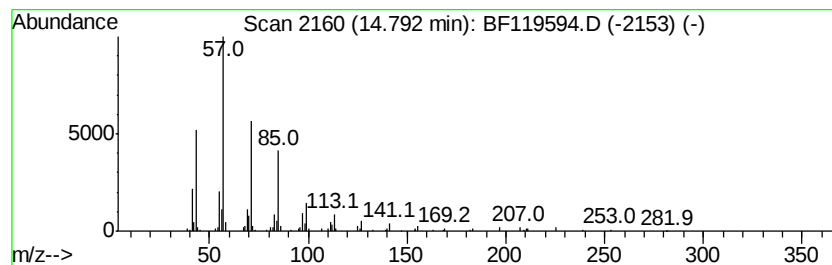
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	3.28 ng	281895	Perylene-d12	15.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Tetracosane		338	C24H50	000646-31-1	91
3	Pentacosane		352	C25H52	000629-99-2	91
4	Hexacosane		366	C26H54	000630-01-3	90
5	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119594.D
Acq On : 28 Mar 2020 4:13
Operator : CG/JU
Sample : L2049-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)

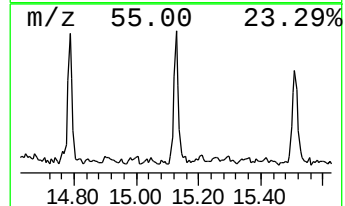
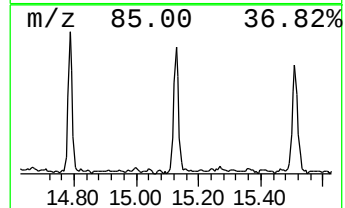
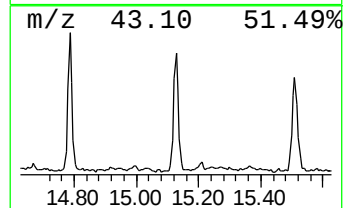
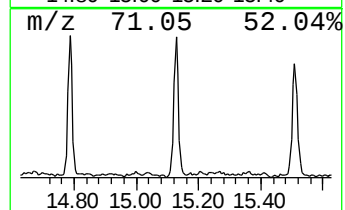
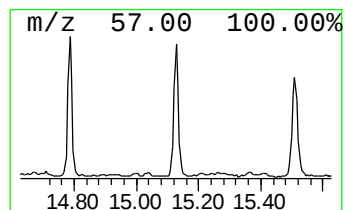
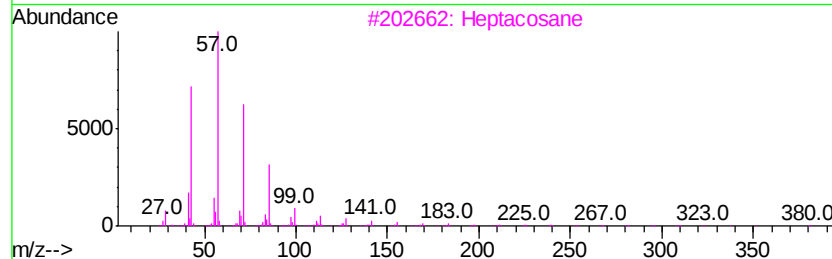
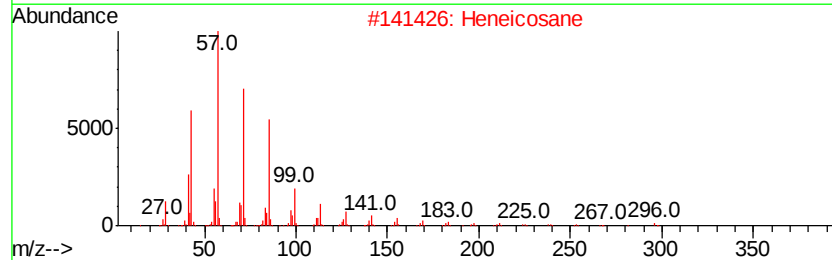
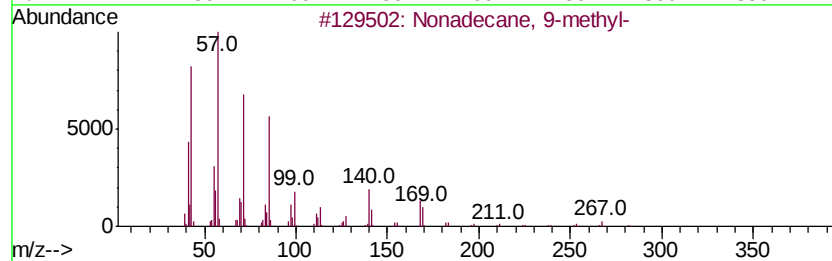
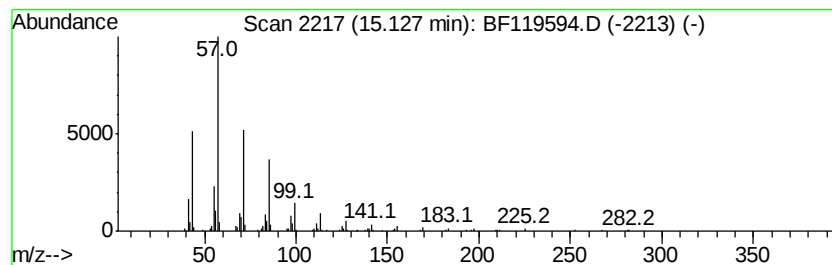
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.13	3.28 ng	281857	Perylene-d12		15.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2			Heneicosane	296	C21H44	000629-94-7	91
3			Heptacosane	380	C27H56	000593-49-7	91
4			Hexacosane	366	C26H54	000630-01-3	91
5			Hentriacontane	437	C31H64	000630-04-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119594.D
Acq On : 28 Mar 2020 4:13
Operator : CG/JU
Sample : L2049-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)

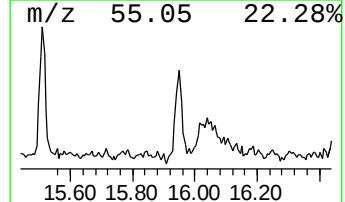
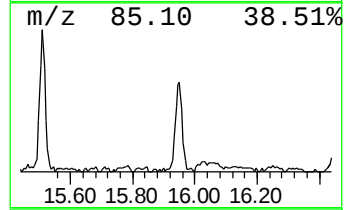
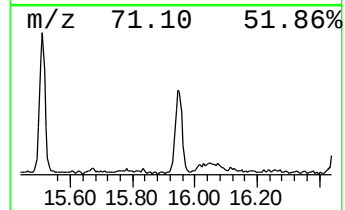
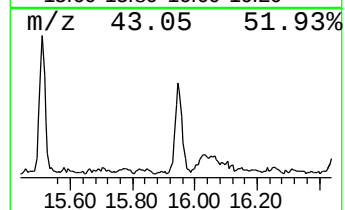
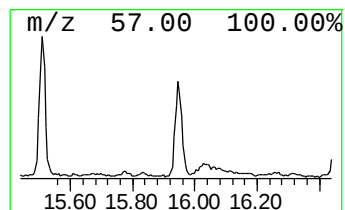
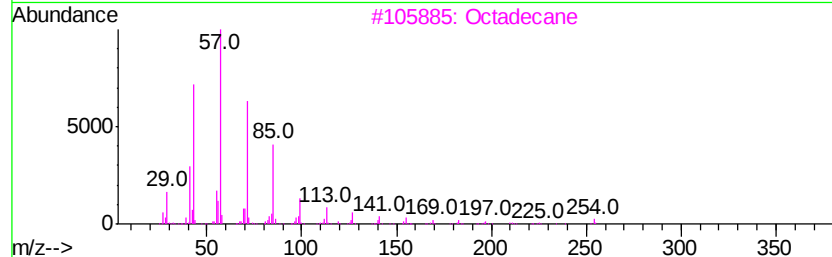
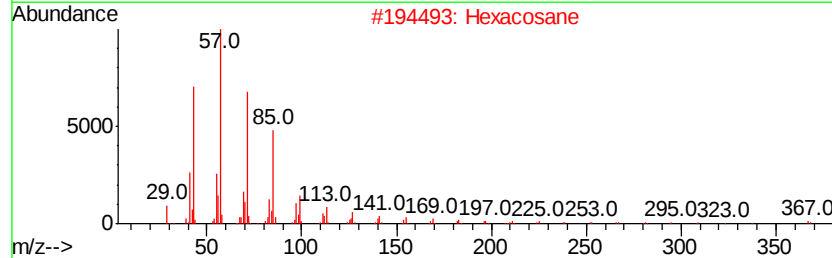
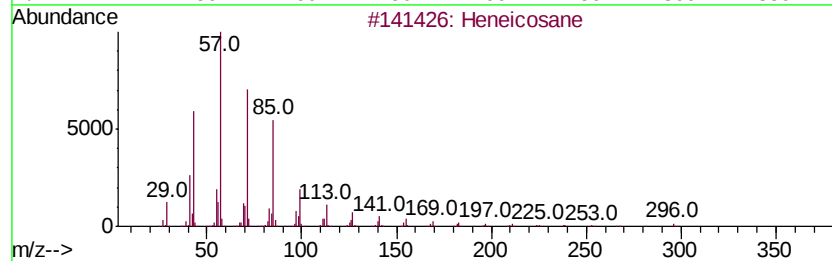
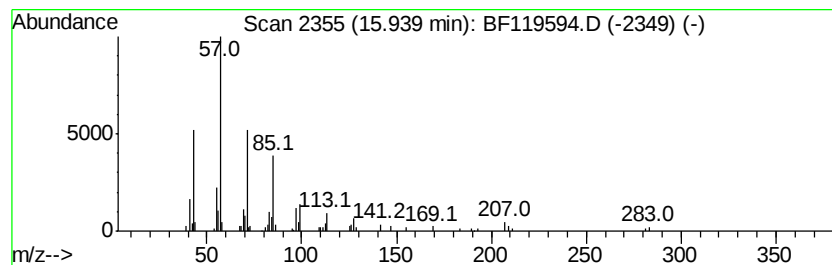
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	2.53 ng	217275	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexacosane	366	C26H54	000630-01-3	90
3		Octadecane	254	C18H38	000593-45-3	86
4		Heptadecane	240	C17H36	000629-78-7	83
5		Pentacosane	352	C25H52	000629-99-2	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
Data File : BF119594.D
Acq On : 28 Mar 2020 4:13
Operator : CG/JU
Sample : L2049-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-5-(10-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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
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2-Pentanone, 4-hy...	5.05	2.6 ng		209416	1	6.83	1614340	20.0
n-Hexadecanoic acid	11.89	5.3 ng		690635	4	11.36	2579790	20.0
Octadecanoic acid	12.67	2.1 ng		269291	4	11.36	2579790	20.0
Octadecyl trifluo...	13.86	10.8 ng		1133230	5	14.00	2108160	20.0
Heptacosane	14.48	2.2 ng		228948	5	14.00	2108160	20.0
Heneicosane	14.79	3.3 ng		281895	6	15.46	1720930	20.0
Nonadecane, 9-met...	15.13	3.3 ng		281857	6	15.46	1720930	20.0
Hexacosane	15.94	2.5 ng		217275	6	15.46	1720930	20.0