

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114577.D
 Acq On : 24 May 2019 18:45
 Operator : JU/SJ
 Sample : K3019-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3422

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-BF051019.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	5.451	568	572	598	rBV	4051085	4244048	93.20%	10.214%
2	6.469	740	745	762	rBV	3993197	4513389	99.12%	10.863%
3	6.592	762	766	780	rVB	4759172	4262176	93.60%	10.258%
4	6.810	800	803	812	rBV	1058277	952262	20.91%	2.292%
5	6.969	826	830	847	rBV	3668038	3180250	69.84%	7.654%
6	7.375	895	899	911	rBV	2685884	2728478	59.92%	6.567%
7	8.092	1017	1021	1035	rBV	1388470	1219762	26.79%	2.936%
8	9.169	1199	1204	1207	rBV	4932587	4435132	97.40%	10.674%
9	9.563	1268	1271	1277	rBV	352891	295667	6.49%	0.712%
10	9.845	1316	1319	1329	rVB	1457790	1340823	29.45%	3.227%
11	10.645	1450	1455	1467	rBV	2697166	2900268	63.69%	6.980%
12	11.333	1569	1572	1582	rBV	1590426	1456693	31.99%	3.506%
13	11.857	1658	1661	1673	rBV	196040	254401	5.59%	0.612%
14	12.645	1790	1795	1801	rBV2	34841	56888	1.25%	0.137%
15	12.921	1837	1842	1845	rBV	4470160	4553611	100.00%	10.960%
16	13.139	1872	1879	1882	rBV	52737	66361	1.46%	0.160%
17	13.480	1932	1937	1940	rBV2	75823	77851	1.71%	0.187%
18	13.809	1989	1993	2004	rBV	428120	618578	13.58%	1.489%
19	13.980	2018	2022	2030	rBV	1277480	1189671	26.13%	2.863%
20	14.121	2043	2046	2050	rBV	110878	118418	2.60%	0.285%
21	14.427	2095	2098	2106	rBV	139449	146476	3.22%	0.353%
22	14.727	2146	2149	2155	rVB	199231	180014	3.95%	0.433%
23	14.804	2158	2162	2166	rVV	239764	235083	5.16%	0.566%
24	15.056	2201	2205	2210	rBV	254798	286284	6.29%	0.689%
25	15.439	2263	2270	2280	rBV2	818198	1403535	30.82%	3.378%
26	15.851	2335	2340	2347	rBV	266634	407280	8.94%	0.980%
27	16.345	2418	2424	2438	rVB	155473	295834	6.50%	0.712%
28	16.915	2518	2521	2530	rVB2	63386	130023	2.86%	0.313%

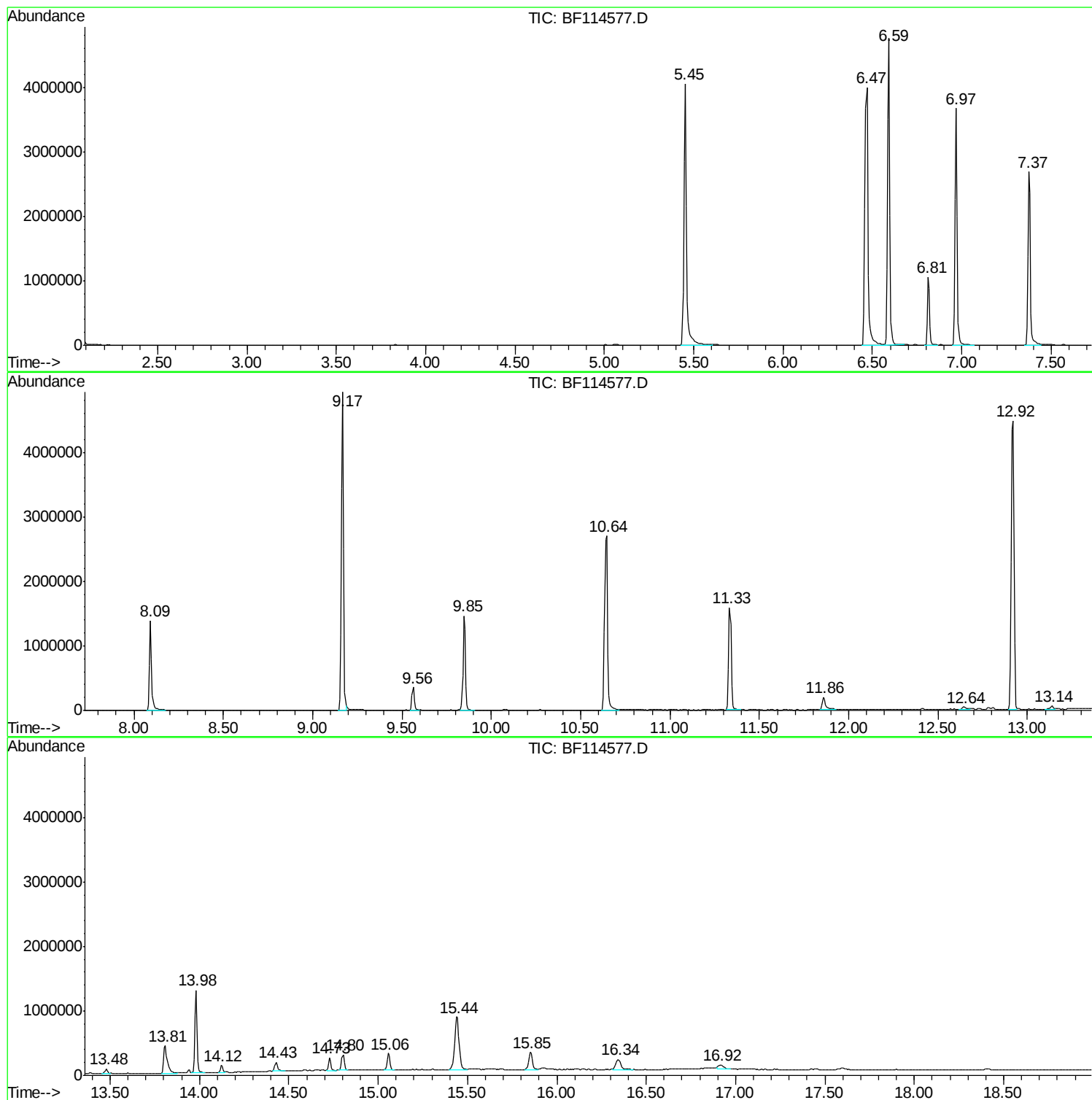
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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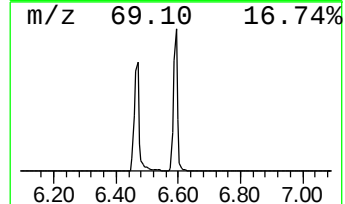
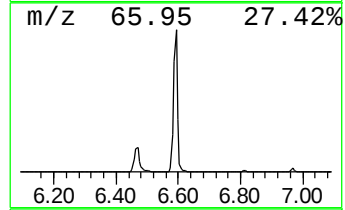
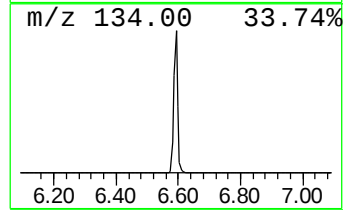
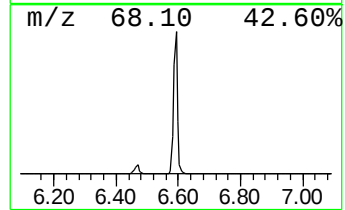
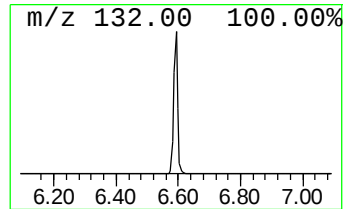
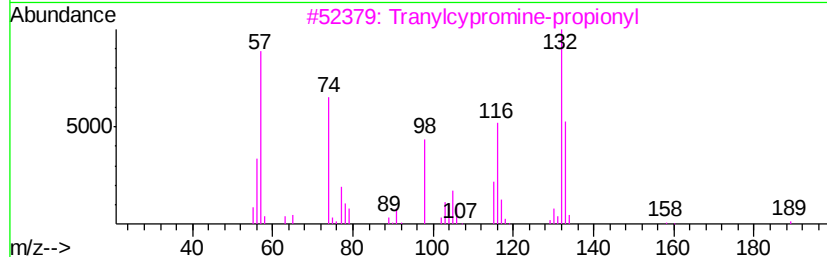
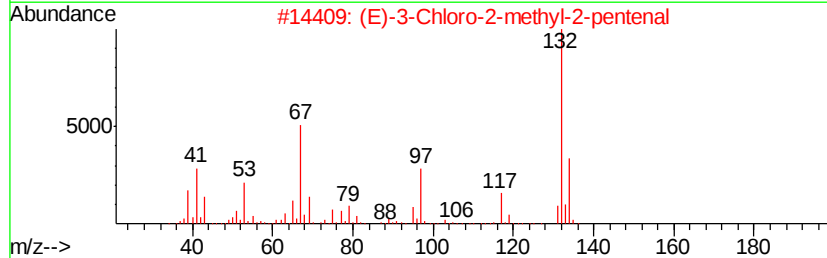
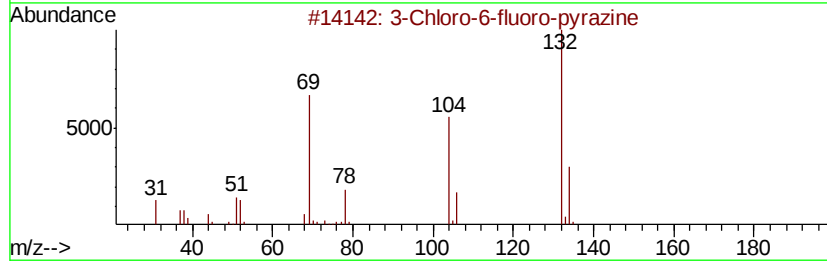
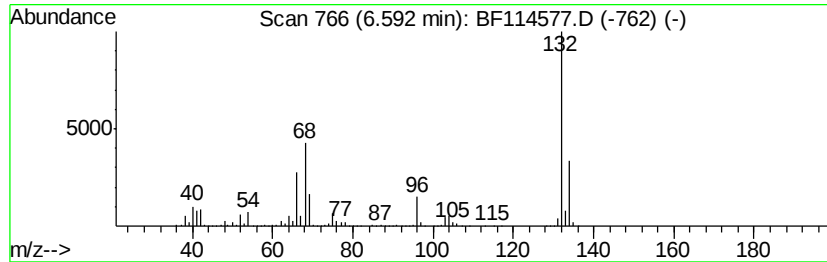
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	89.52 ng	4262180	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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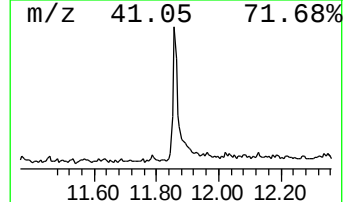
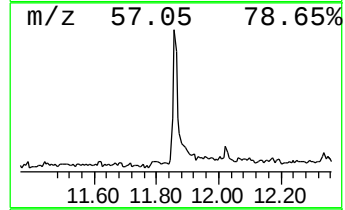
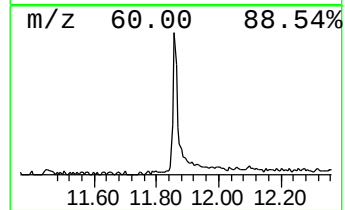
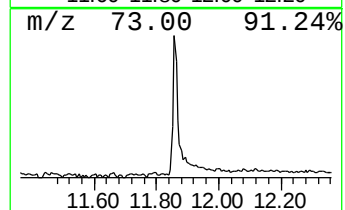
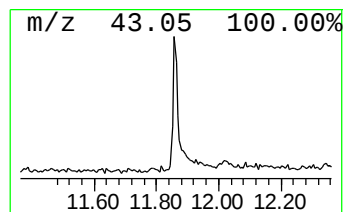
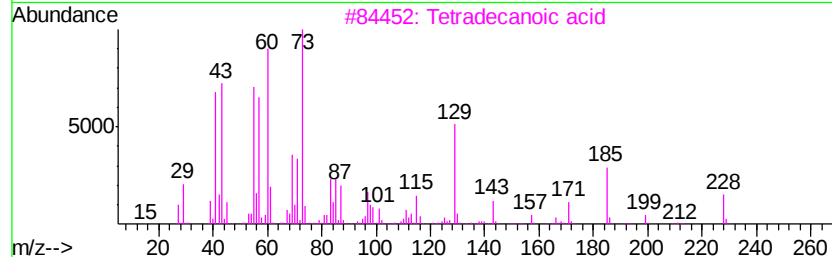
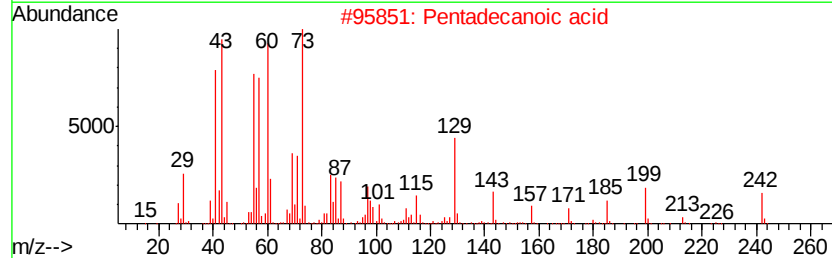
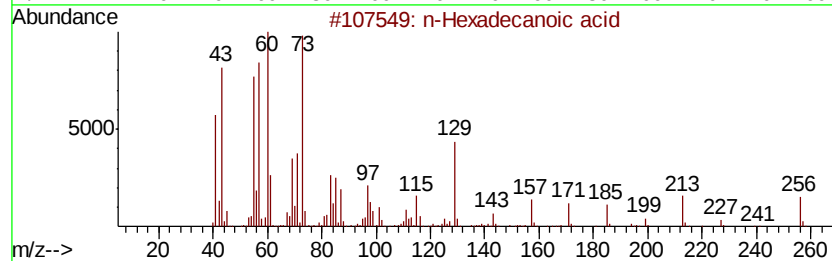
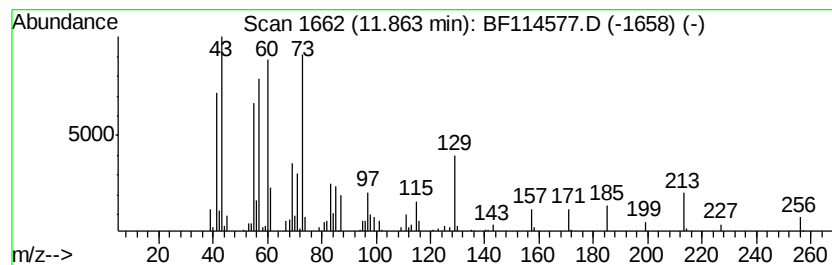
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	3.49 ng	254401	Phenanthrene-d10	11.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4		Tridecanoic acid	214	C13H26O2	000638-53-9	64
5		Dodecanoic acid	200	C12H24O2	000143-07-7	59



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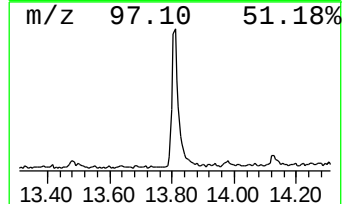
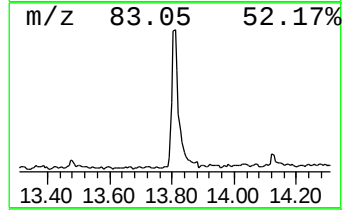
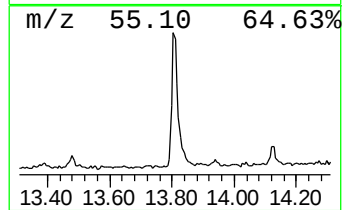
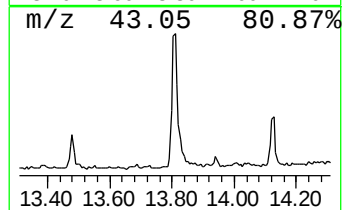
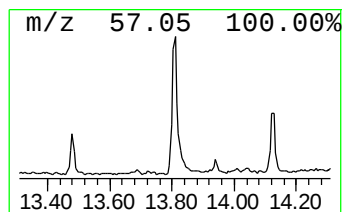
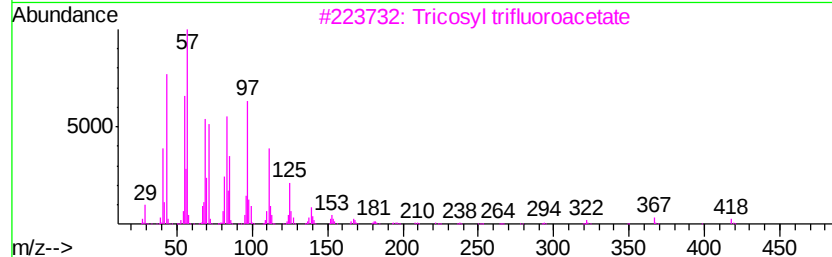
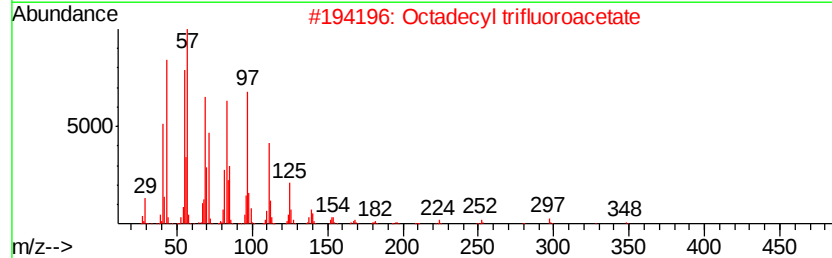
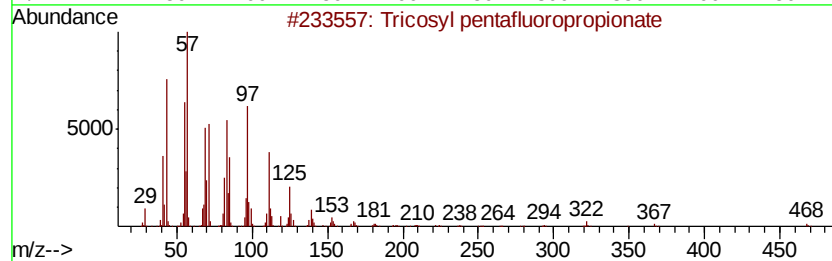
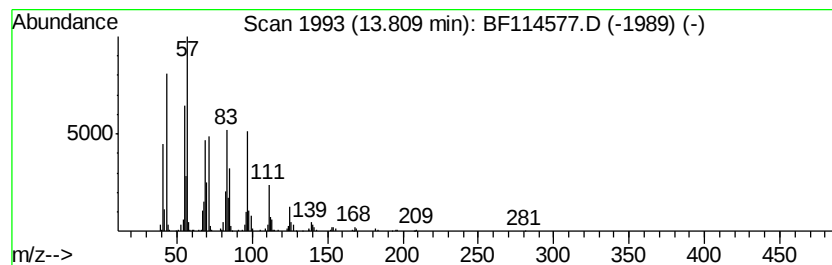
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Tricosyl pentafluoropropionate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	10.40 ng	618578	Chrysene-d12	13.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	91
2		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
3		Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
4		Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91
5		17-Pentatriacontene	491	C35H70	006971-40-0	91



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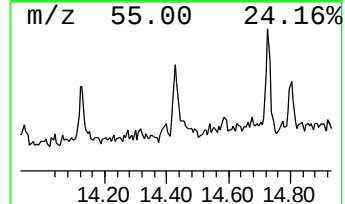
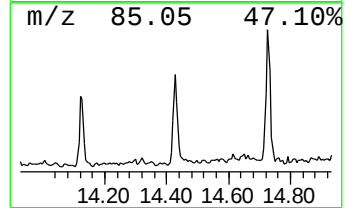
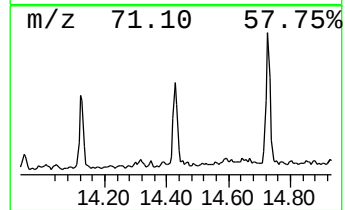
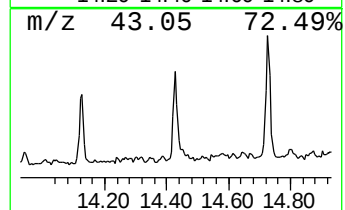
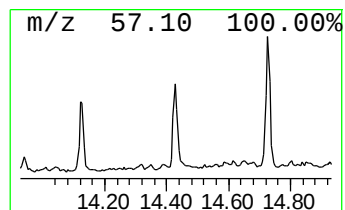
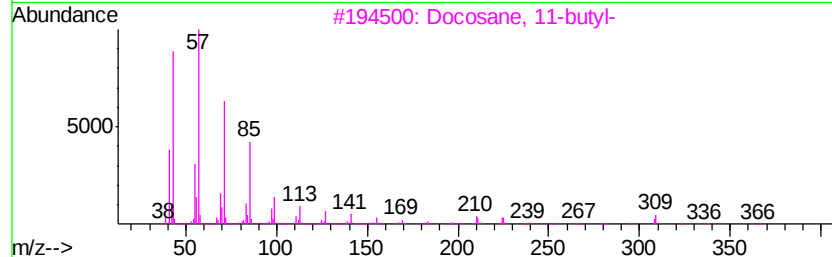
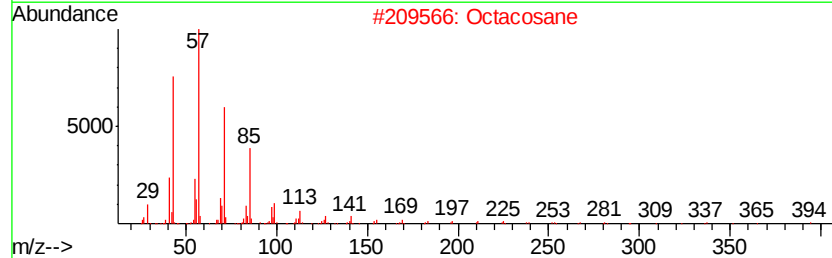
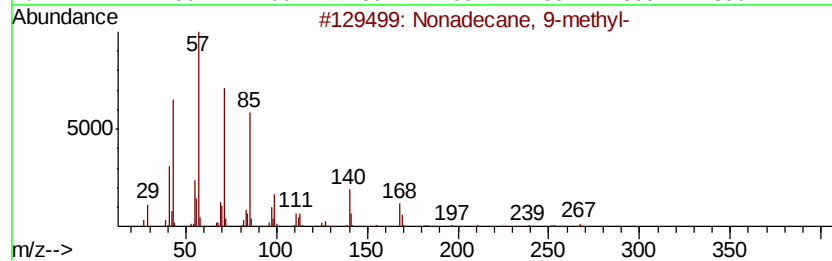
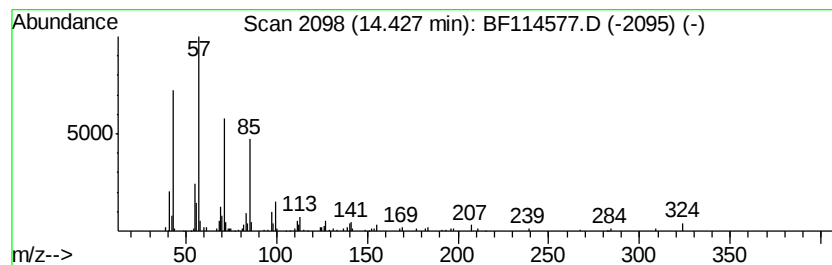
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Peak Number 5 Nonadecane, 9-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	2.46 ng	146476	Chrysene-d12	13.98

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2		Octacosane	394	C28H58	000630-02-4	90
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	90
4		Tricosane	324	C23H48	000638-67-5	90
5		Tetracosane	338	C24H50	000646-31-1	87



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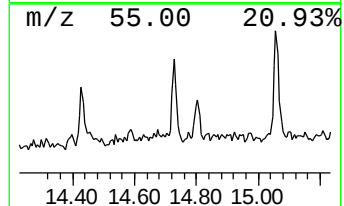
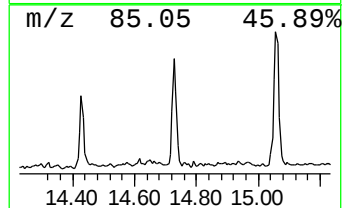
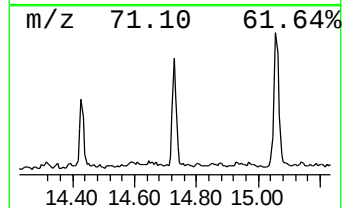
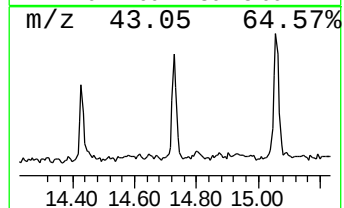
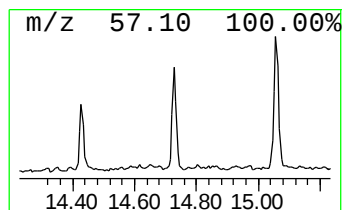
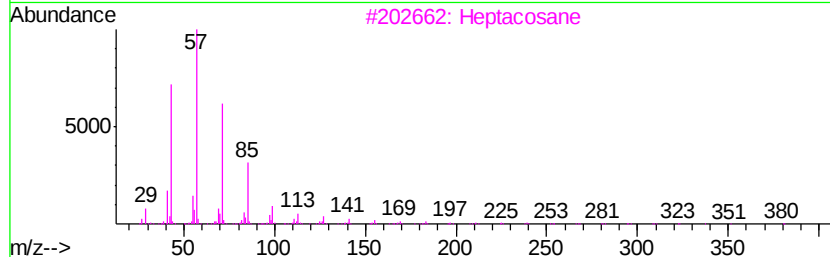
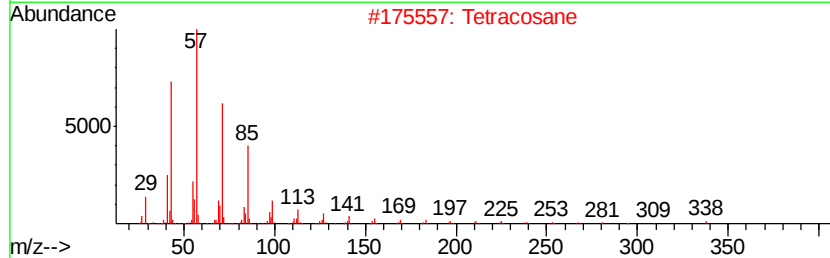
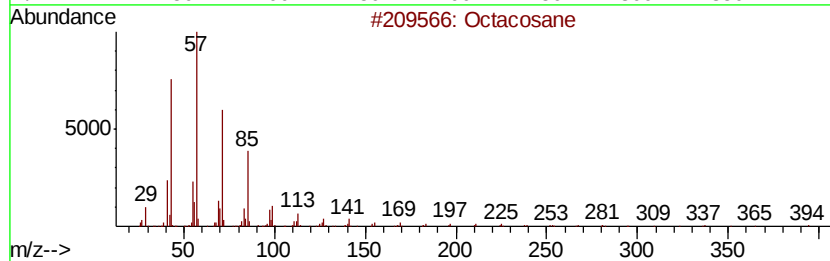
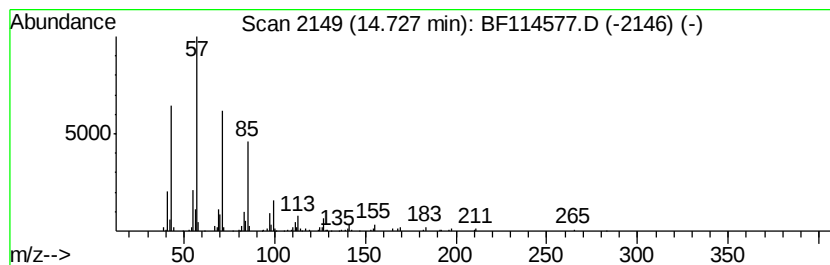
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.57 ng	180014	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Tetracosane	338	C24H50	000646-31-1	90
3		Heptacosane	380	C27H56	000593-49-7	87
4		Tetratetracontane	619	C44H90	007098-22-8	87
5		Hexatriacontane	507	C36H74	000630-06-8	83



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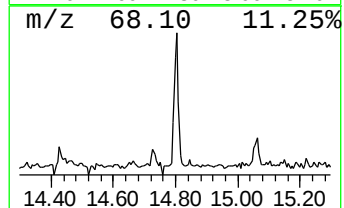
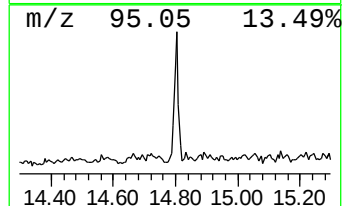
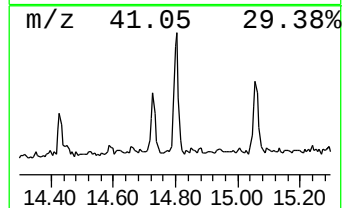
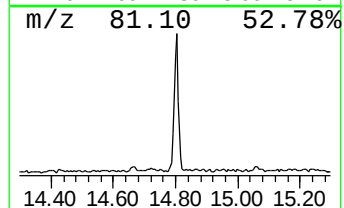
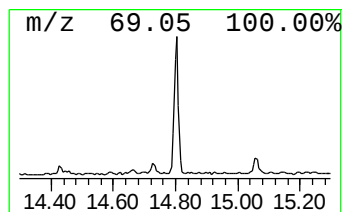
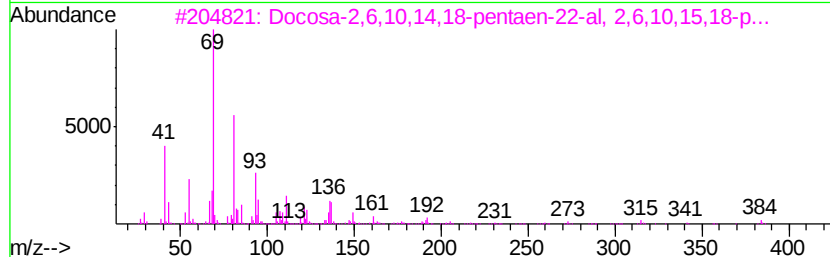
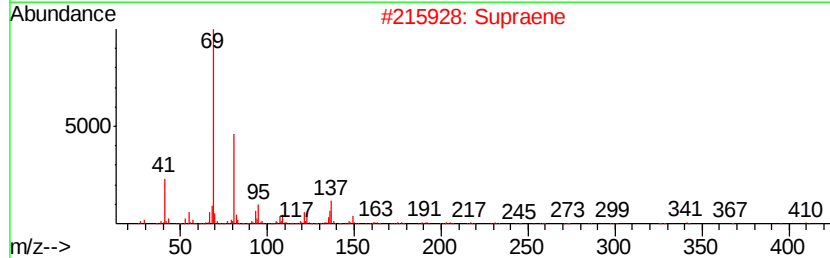
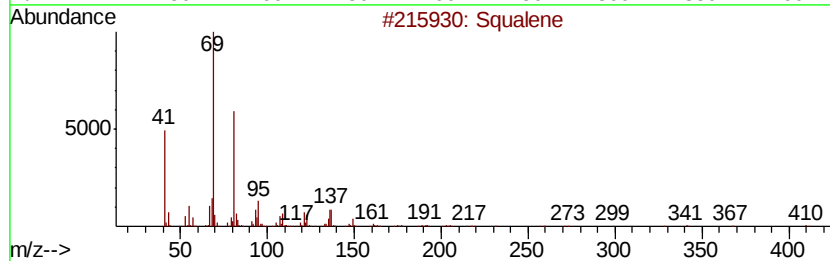
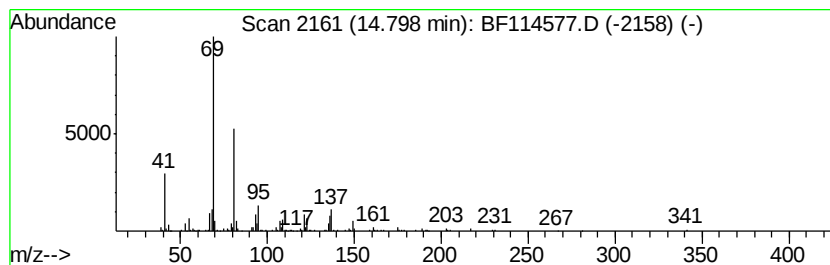
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Squalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	3.35 ng	235083	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	91
2		Supraene	410	C30H50	007683-64-9	91
3		Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	90
4		.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	83
5		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114577.D
Acq On : 24 May 2019 18:45
Operator : JU/SJ
Sample : K3019-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-3422

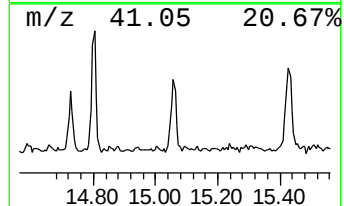
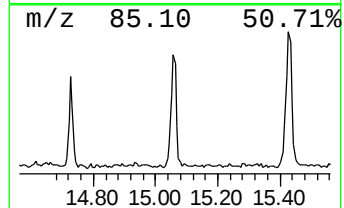
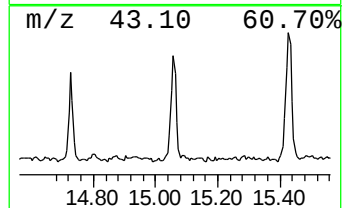
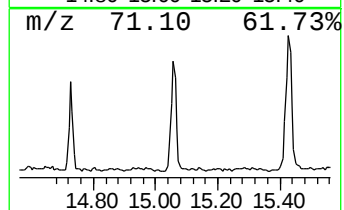
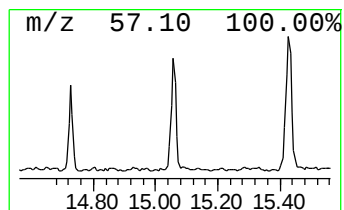
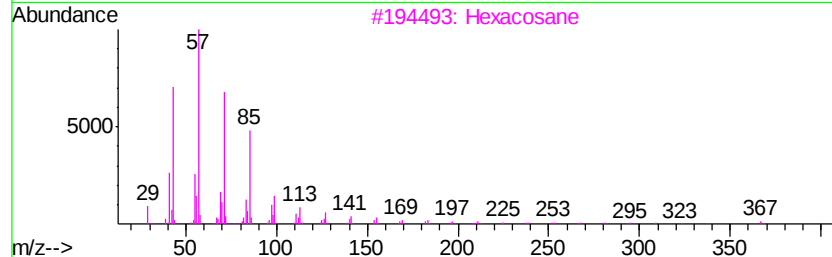
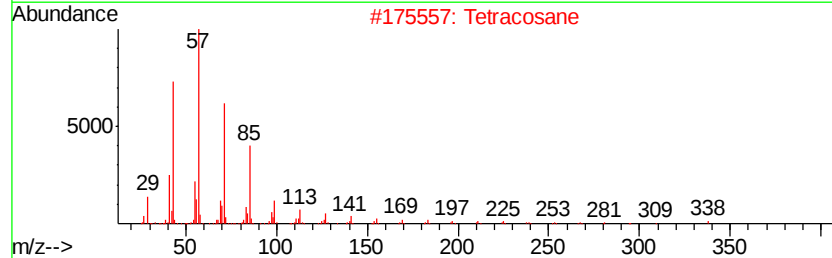
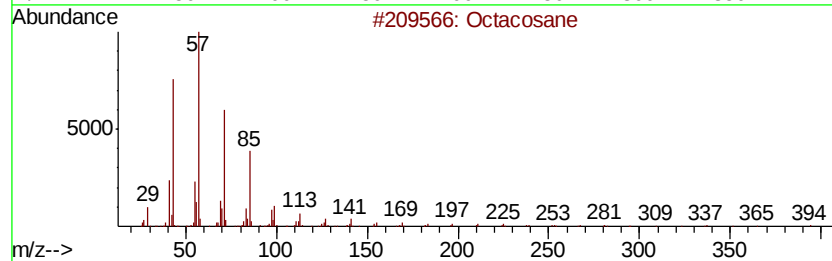
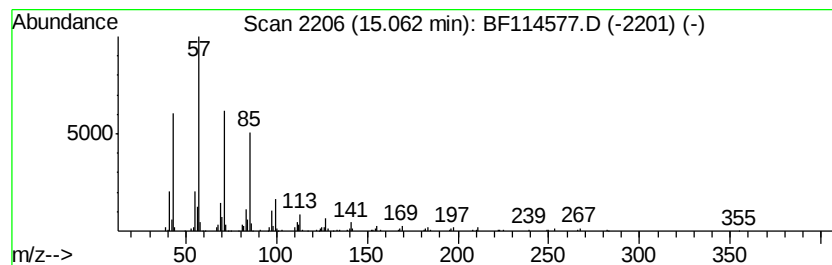
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	4.08 ng	286284	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Hexacosane	366	C26H54	000630-01-3	90
4		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90
5		Pentacosane	352	C25H52	000629-99-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114577.D
Acq On : 24 May 2019 18:45
Operator : JU/SJ
Sample : K3019-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

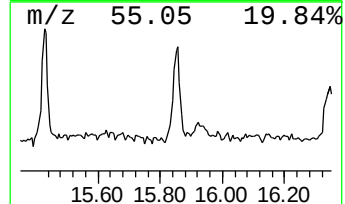
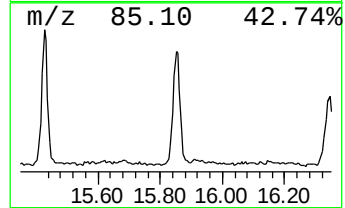
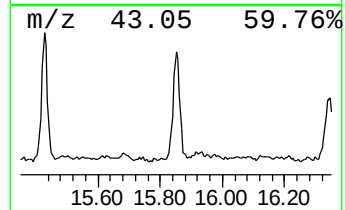
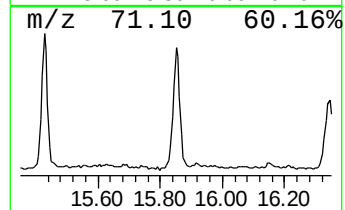
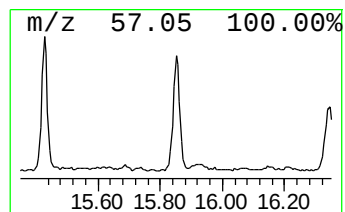
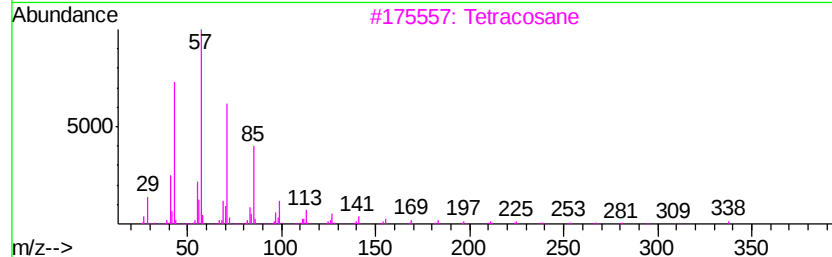
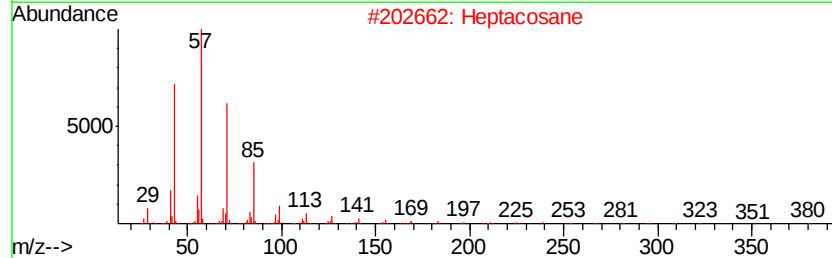
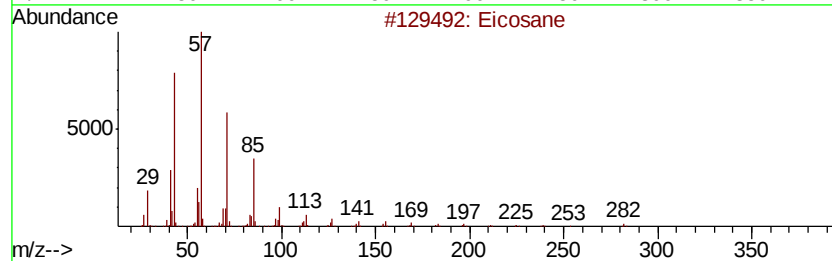
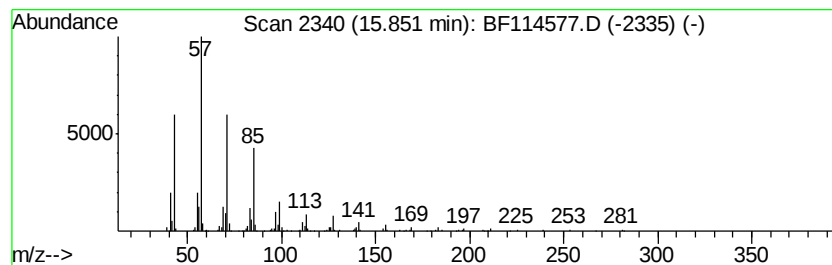
Instrument :
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ClientSampleId :
RT-3422

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	5.80 ng	407280	Perylene-d12	15.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	95
2	Heptacosane	380 C27H56	000593-49-7	91
3	Tetracosane	338 C24H50	000646-31-1	91
4	Heneicosane	296 C21H44	000629-94-7	91
5	2-methyloctacosane	408 C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114577.D
Acq On : 24 May 2019 18:45
Operator : JU/SJ
Sample : K3019-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-3422

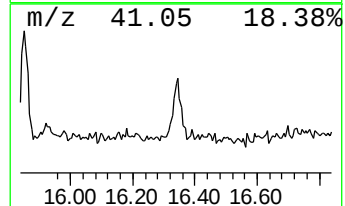
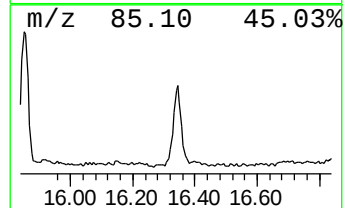
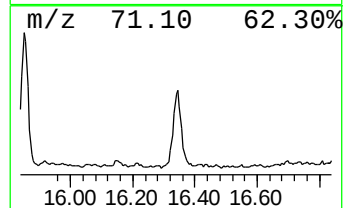
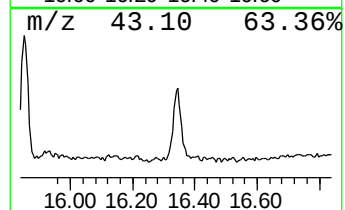
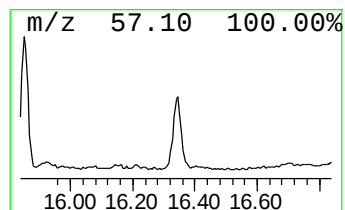
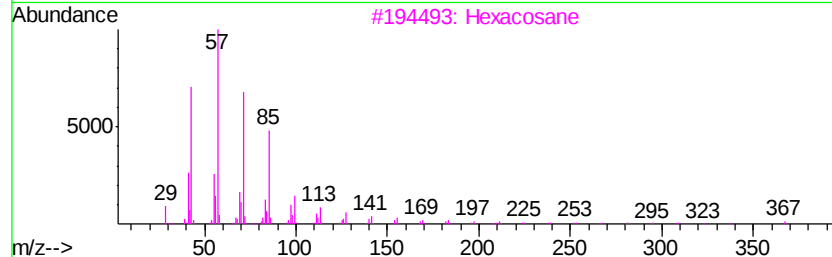
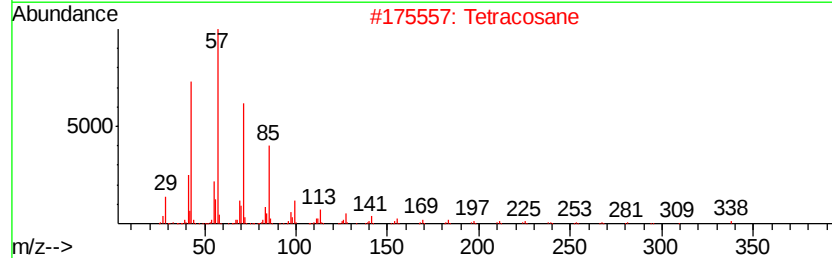
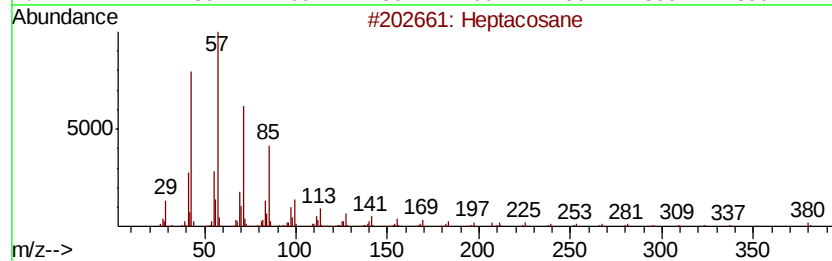
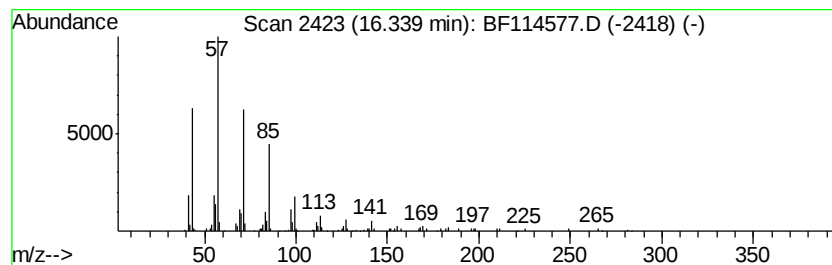
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	4.22 ng	295834	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	90
2		Tetracosane	338	C24H50	000646-31-1	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052419\
Data File : BF114577.D
Acq On : 24 May 2019 18:45
Operator : JU/SJ
Sample : K3019-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-3422

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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
unknown6.59	6.59	89.5	ng	4262180	1	6.81	952262	20.0
n-Hexadecanoic acid	11.86	3.5	ng	254401	4	11.33	1456690	20.0
Tricosyl pentaflu...	13.81	10.4	ng	618578	5	13.98	1189670	20.0
Nonadecane, 9-met...	14.43	2.5	ng	146476	5	13.98	1189670	20.0
Octacosane	14.73	2.6	ng	180014	6	15.44	1403540	20.0
Squalene	14.80	3.4	ng	235083	6	15.44	1403540	20.0
Tetracosane	15.06	4.1	ng	286284	6	15.44	1403540	20.0
Eicosane	15.85	5.8	ng	407280	6	15.44	1403540	20.0
Heptacosane	16.34	4.2	ng	295834	6	15.44	1403540	20.0