

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
 Data File : BP001051.D
 Acq On : 15 Nov 2019 20:56
 Operator : JU
 Sample : K5832-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 9-(8-10)

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_P\METHODS\8270-BP110619.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	2.328	35	41	50	rVB	465646	695095	8.50%	1.264%
2	5.734	613	620	638	rBV	422063	704376	8.62%	1.280%
3	6.305	710	717	722	rBV	3015756	4063648	49.72%	7.387%
4	7.816	966	974	986	rBV	3278214	4458262	54.55%	8.104%
5	8.010	1000	1007	1011	rBV	3606517	4677473	57.23%	8.503%
6	8.363	1062	1067	1077	rBV	921551	1077625	13.19%	1.959%
7	8.604	1102	1108	1113	rBV	3119823	3847176	47.07%	6.994%
8	9.246	1209	1217	1220	rBV	2141017	2807087	34.35%	5.103%
9	10.393	1406	1412	1417	rBV	1168933	1367262	16.73%	2.485%
10	12.169	1705	1714	1719	rBV	4943382	6228607	76.21%	11.323%
11	12.834	1821	1827	1836	rBV	709115	797202	9.75%	1.449%
12	13.251	1892	1898	1904	rBV	1458764	1781740	21.80%	3.239%
13	14.545	2111	2118	2131	rBV	3955242	4963407	60.73%	9.023%
14	15.645	2300	2305	2309	rBV	1808326	2052705	25.12%	3.732%
15	15.786	2322	2329	2334	rVB2	77184	100404	1.23%	0.183%
16	16.528	2449	2455	2463	rBV	339798	433000	5.30%	0.787%
17	17.386	2597	2601	2607	rVB	78155	87698	1.07%	0.159%
18	17.610	2636	2639	2646	rBV2	97746	132834	1.63%	0.241%
19	17.686	2648	2652	2656	rVB	76029	93325	1.14%	0.170%
20	17.927	2687	2693	2696	rBV	7310845	8172806	100.00%	14.857%
21	19.157	2898	2902	2917	rBV	380787	803390	9.83%	1.460%
22	19.280	2918	2923	2927	rBV	2127314	2232604	27.32%	4.059%
23	19.569	2969	2972	2976	rBV	93058	106913	1.31%	0.194%
24	19.957	3035	3038	3042	rBV	128378	154906	1.90%	0.282%
25	20.333	3099	3102	3107	rVB	187181	207908	2.54%	0.378%
26	20.733	3166	3170	3176	rBV	187607	270775	3.31%	0.492%
27	21.063	3220	3226	3231	rBV	1553125	2153168	26.35%	3.914%
28	21.180	3242	3246	3254	rVB	167849	262928	3.22%	0.478%
29	21.686	3327	3332	3337	rBV	118496	188041	2.30%	0.342%
30	22.262	3427	3430	3437	rVB3	51485	87542	1.07%	0.159%

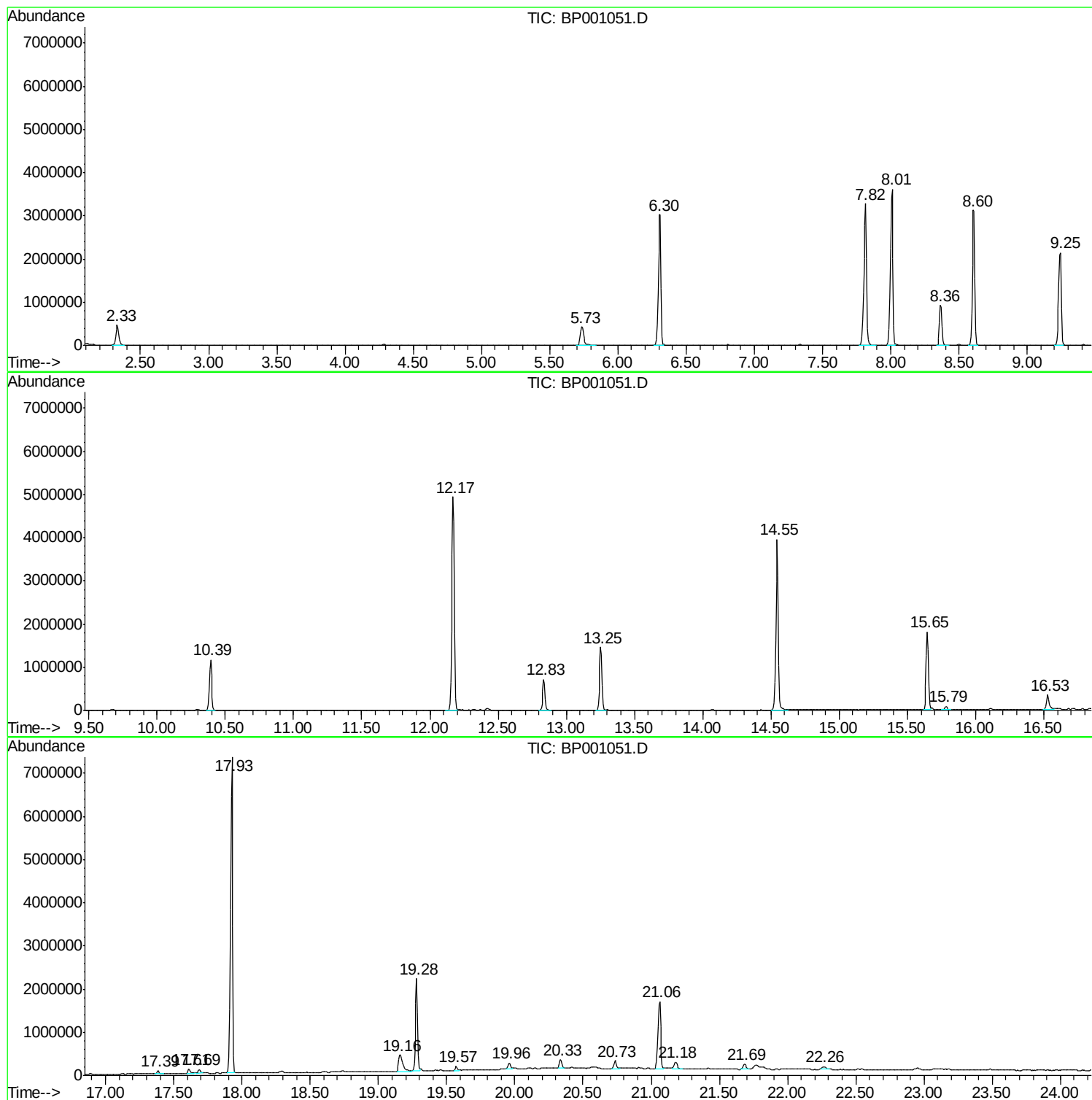
Sum of corrected areas: 55009907

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001051.D
Acq On : 15 Nov 2019 20:56
Operator : JU
Sample : K5832-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampled :
9-(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001051.D
Acq On : 15 Nov 2019 20:56
Operator : JU
Sample : K5832-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
9-(8-10)

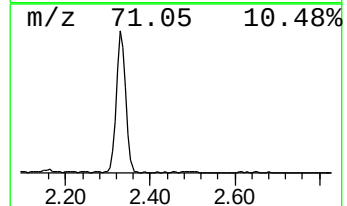
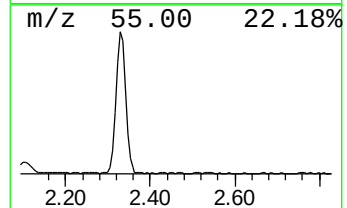
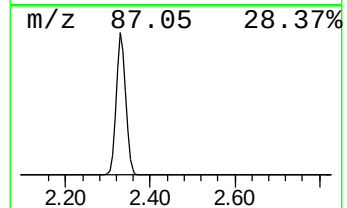
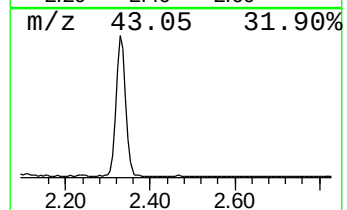
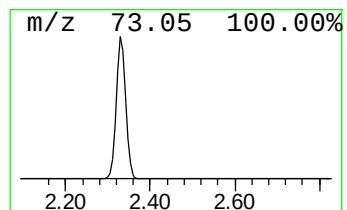
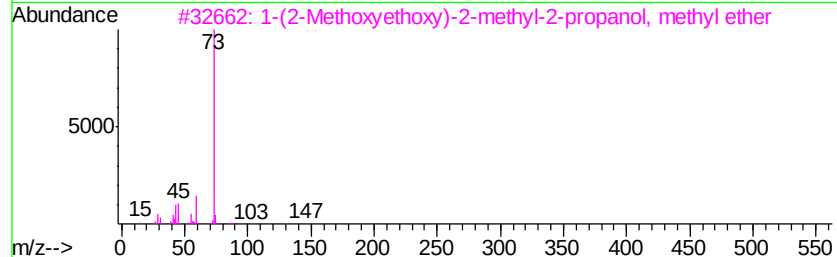
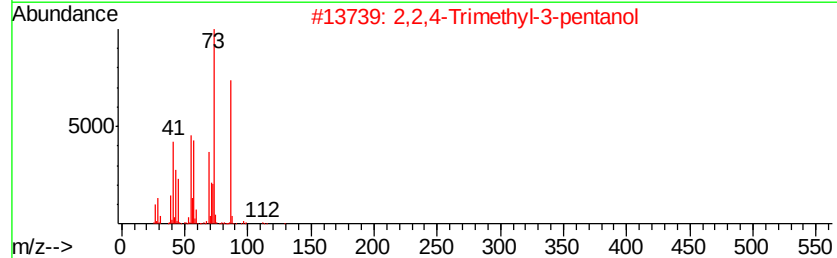
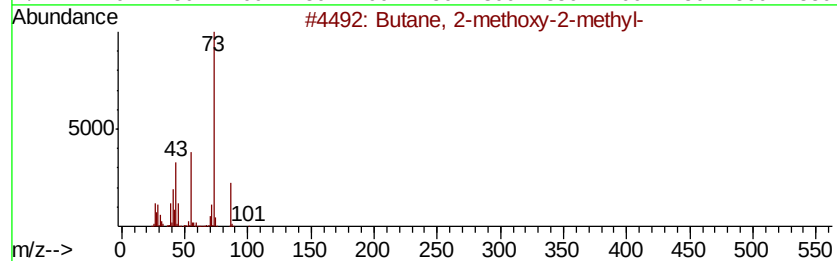
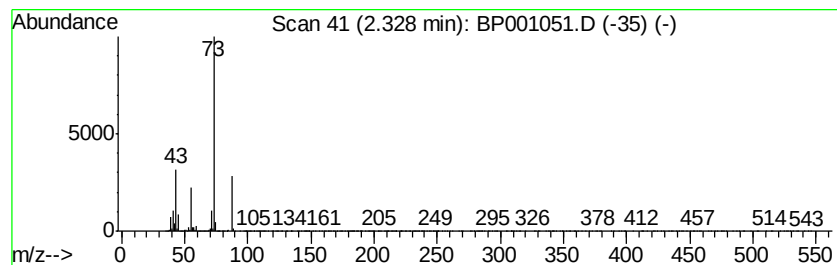
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.33	12.90 ng	695095	1,4-Dichlorobenzene-d4	8.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		1-(2-Methoxyethoxy)-2-methyl-2-propanol	162	C8H18O3	1000364-24-4	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001051.D
Acq On : 15 Nov 2019 20:56
Operator : JU
Sample : K5832-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
9-(8-10)

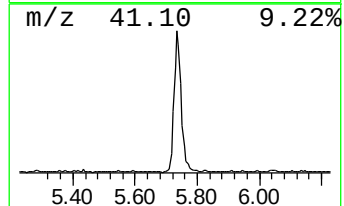
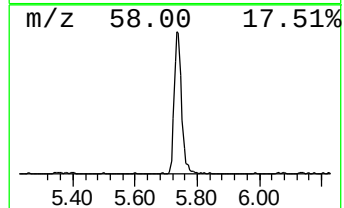
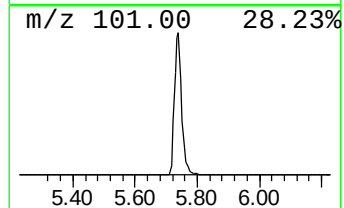
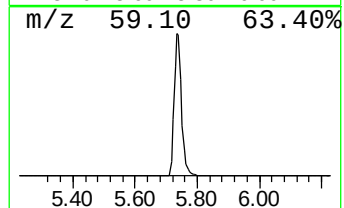
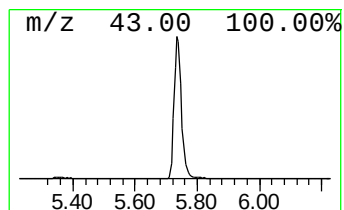
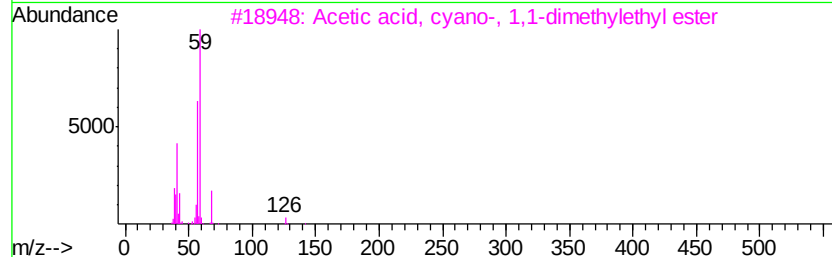
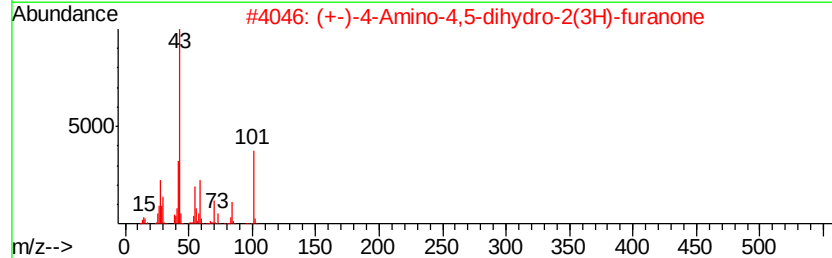
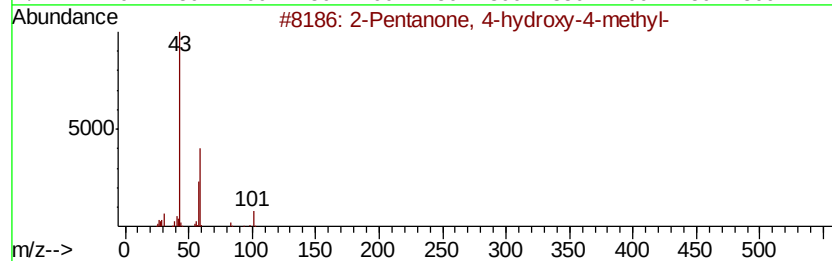
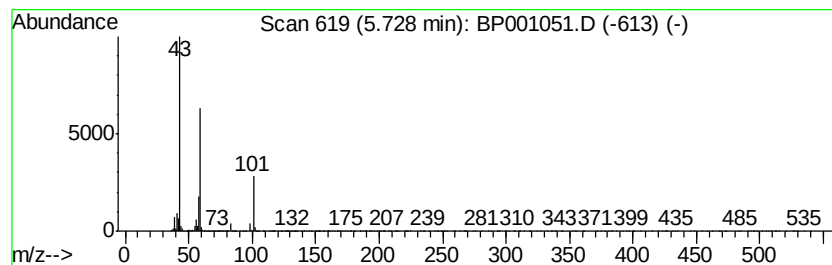
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	13.07 ng	704376	1,4-Dichlorobenzene-d4	8.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	38
3		Acetic acid, cyano-, 1,1-dimethyl ester	141	C7H11NO2	001116-98-9	17
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001051.D
Acq On : 15 Nov 2019 20:56
Operator : JU
Sample : K5832-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
9-(8-10)

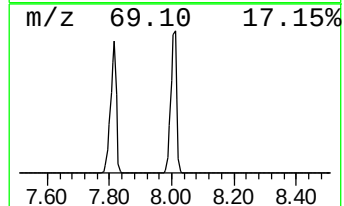
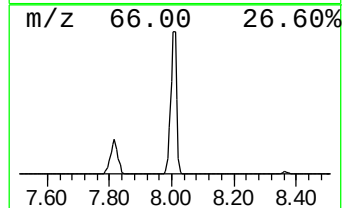
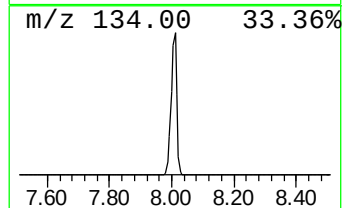
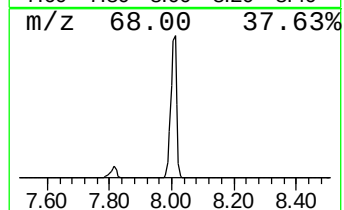
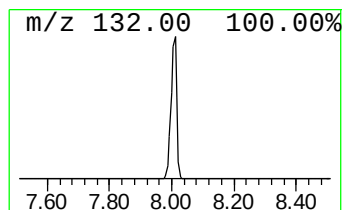
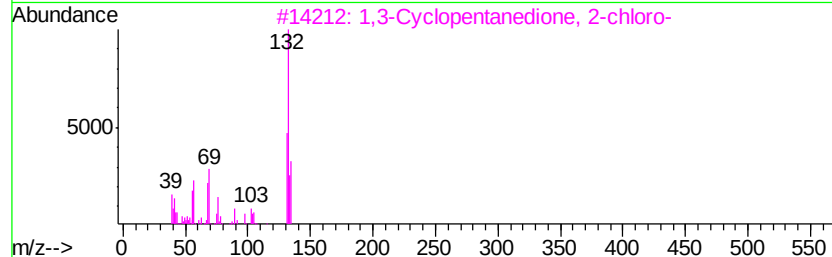
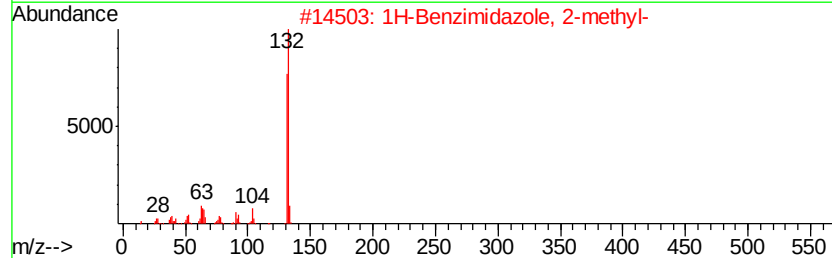
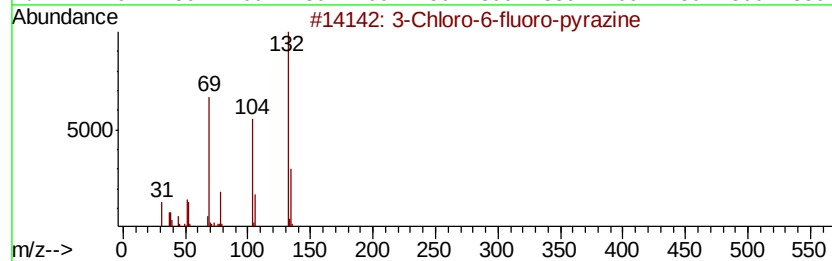
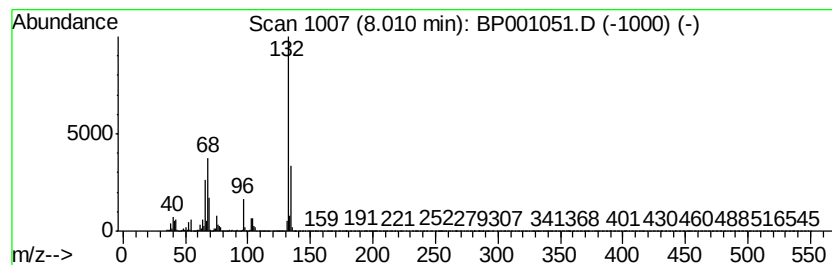
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown8.01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	86.81 ng	4677470	1,4-Dichlorobenzene-d4	8.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	27
3		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
5		5-Aminoindole	132	C8H8N2	005192-03-0	16



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001051.D
Acq On : 15 Nov 2019 20:56
Operator : JU
Sample : K5832-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
9-(8-10)

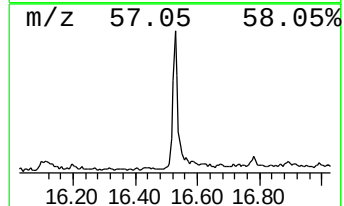
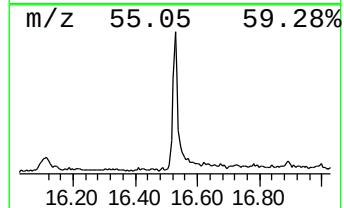
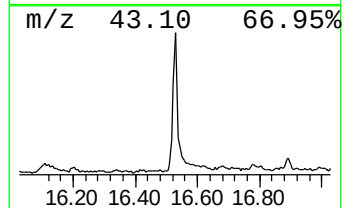
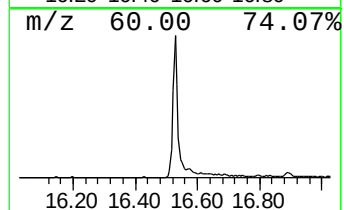
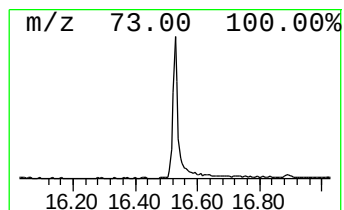
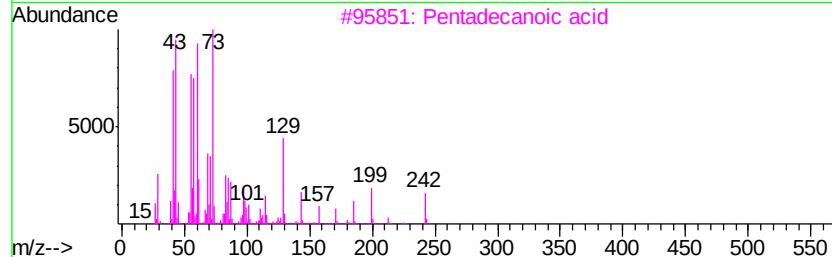
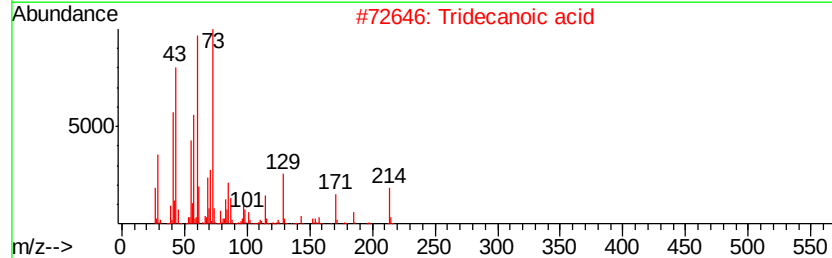
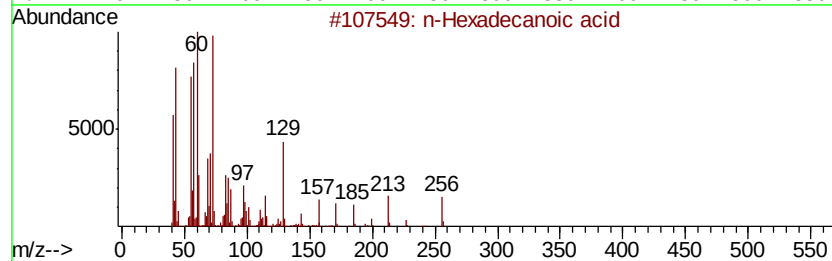
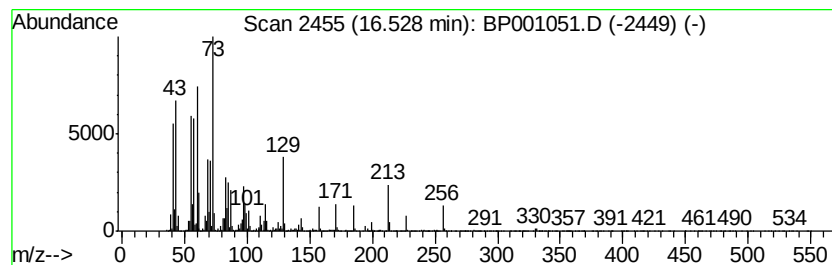
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	4.22 ng	433000	Phenanthrene-d10	15.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		Octadecanoic acid	284	C18H36O2	000057-11-4	76
5		Dodecanoic acid	200	C12H24O2	000143-07-7	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001051.D
Acq On : 15 Nov 2019 20:56
Operator : JU
Sample : K5832-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
9-(8-10)

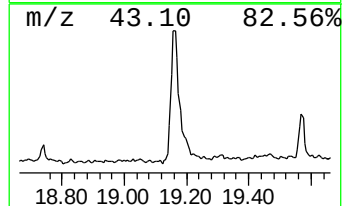
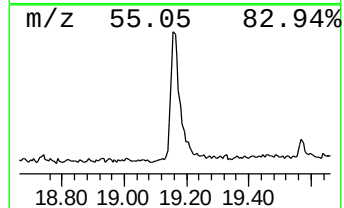
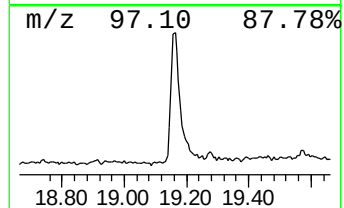
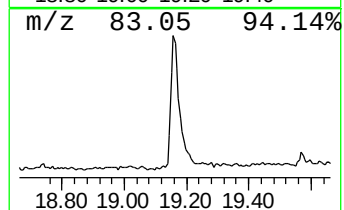
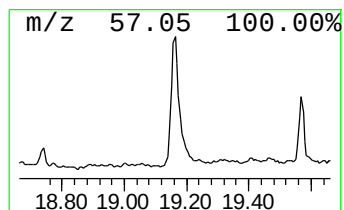
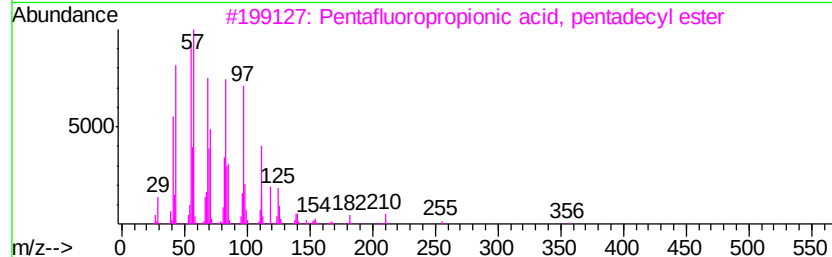
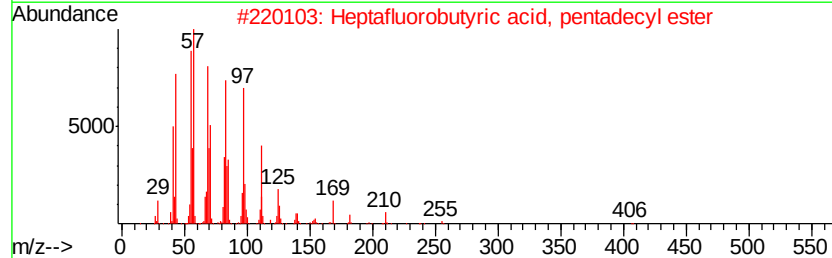
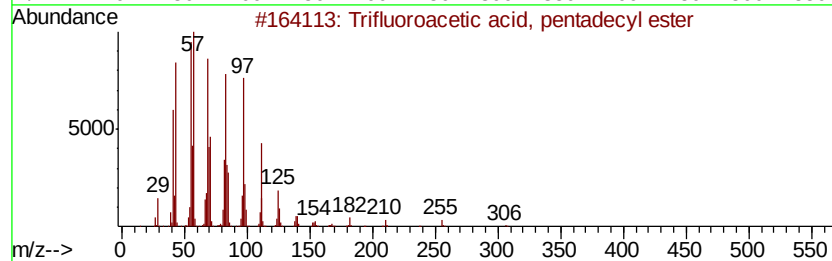
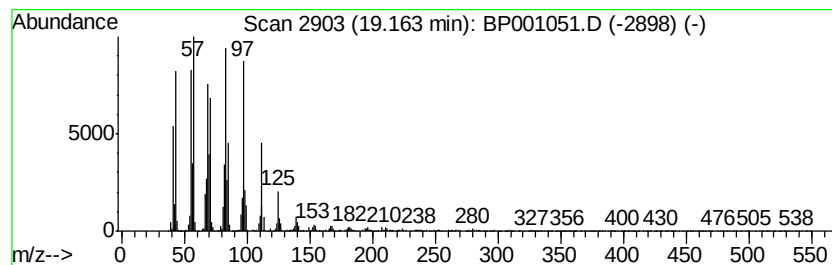
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Trifluoroacetic acid, penta... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	7.20 ng	803390	Chrysene-d12	19.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
2		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4		Behenic alcohol	326	C22H46O	000661-19-8	93
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001051.D
Acq On : 15 Nov 2019 20:56
Operator : JU
Sample : K5832-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

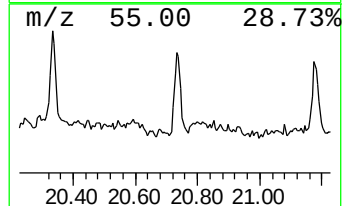
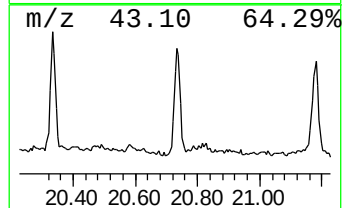
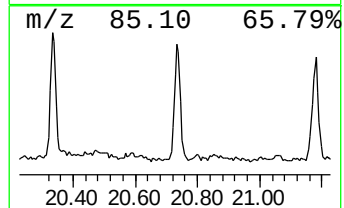
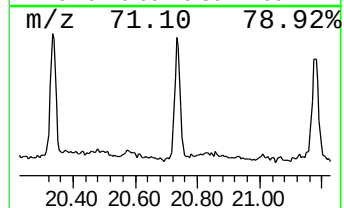
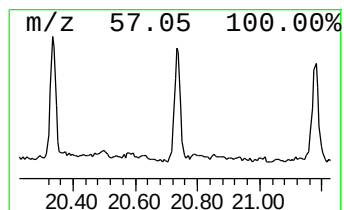
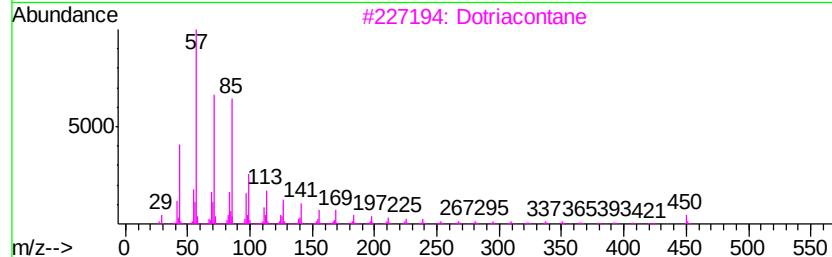
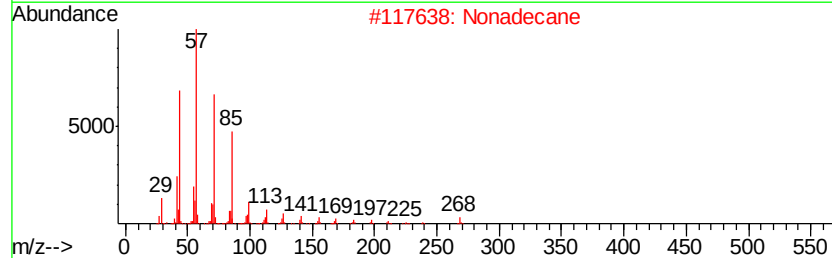
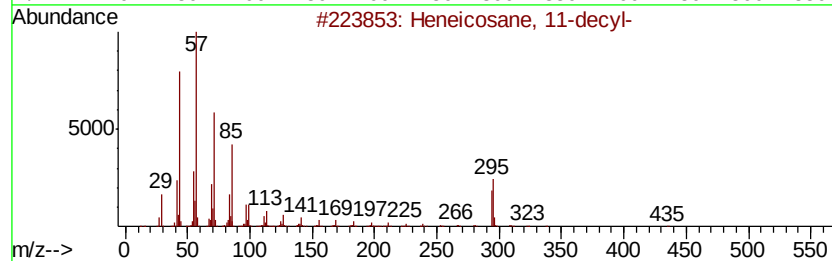
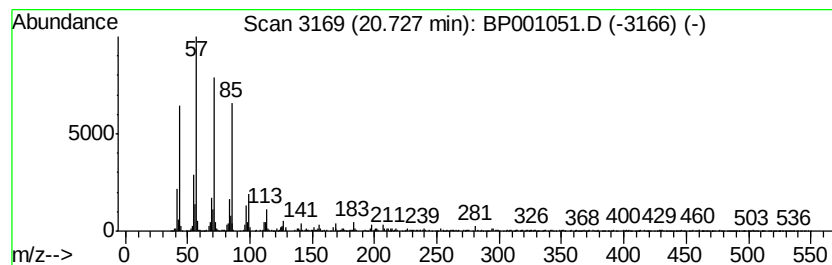
Instrument :
BNA_P
ClientSampleId :
9-(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane, 11-decyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	2.52 ng	270775	Perylene-d12	21.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane, 11-decyl-	437 C31H64	055320-06-4	95
2	Nonadecane	268 C19H40	000629-92-5	93
3	Dotriacontane	451 C32H66	000544-85-4	93
4	Hexadecane, 1-iodo-	352 C16H33I	000544-77-4	93
5	Heneicosane	296 C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001051.D
Acq On : 15 Nov 2019 20:56
Operator : JU
Sample : K5832-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
9-(8-10)

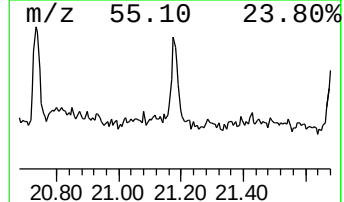
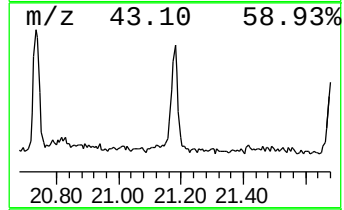
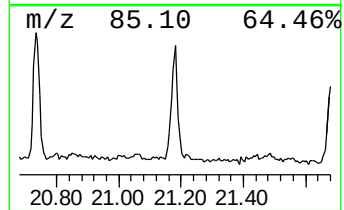
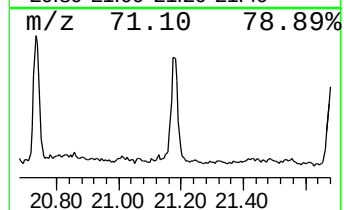
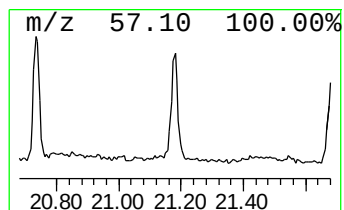
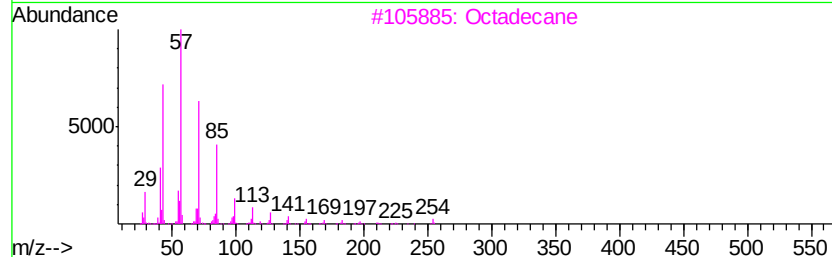
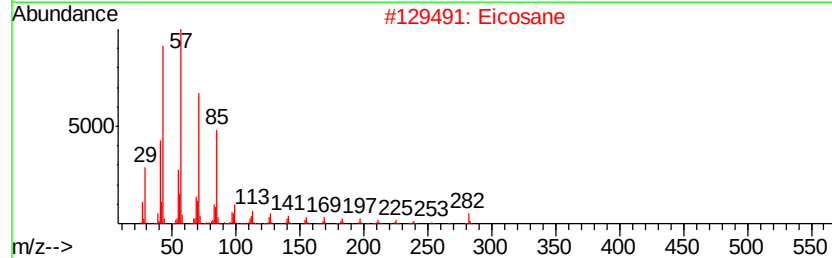
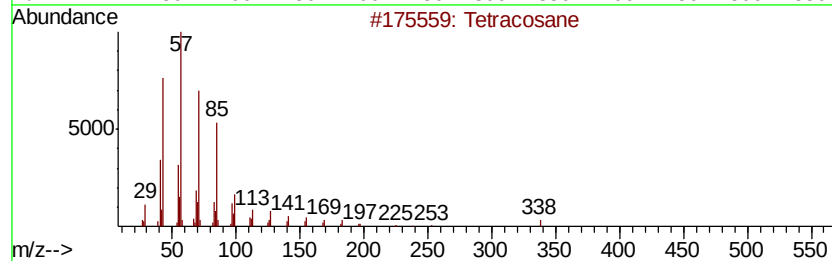
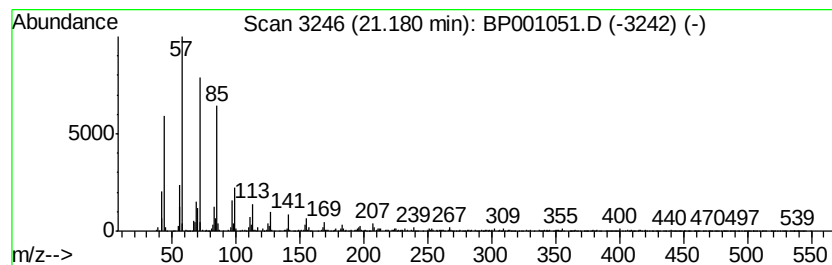
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.18	2.44 ng	262928	Perylene-d12	21.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	94
2		Eicosane	282	C20H42	000112-95-8	93
3		Octadecane	254	C18H38	000593-45-3	93
4		Pentacosane	352	C25H52	000629-99-2	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP111519\
Data File : BP001051.D
Acq On : 15 Nov 2019 20:56
Operator : JU
Sample : K5832-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
9-(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.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
Butane, 2-methoxy...	2.33	12.9	ng	695095	1	8.36	1077630	20.0
2-Pentanone, 4-hy...	5.73	13.1	ng	704376	1	8.36	1077630	20.0
unknown8.01	8.01	86.8	ng	4677470	1	8.36	1077630	20.0
n-Hexadecanoic acid	16.53	4.2	ng	433000	4	15.65	2052710	20.0
Trifluoroacetic a...	19.16	7.2	ng	803390	5	19.28	2232600	20.0
Heneicosane, 11-d...	20.73	2.5	ng	270775	6	21.06	2153170	20.0
Tetracosane	21.18	2.4	ng	262928	6	21.06	2153170	20.0