

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
 Data File : BF127715.D
 Acq On : 08 Apr 2022 15:58
 Operator : CG\JU
 Sample : N2317-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-4

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-BF040622.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127715.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.346	3	10	17	rVB	295178	387293	10.33%	1.335%
2	2.458	25	29	34	rBV	35580	45135	1.20%	0.156%
3	5.210	488	497	504	rBV	180843	225493	6.02%	0.777%
4	5.587	555	561	564	rBV	3163199	3162642	84.39%	10.902%
5	6.581	724	730	733	rBV	2899999	3278042	87.47%	11.300%
6	6.963	791	795	798	rBV	1094285	873785	23.32%	3.012%
7	7.528	885	891	894	rBV	2206169	2210947	59.00%	7.621%
8	8.245	1008	1013	1017	rBV	1266901	1127600	30.09%	3.887%
9	9.192	1171	1174	1178	rBV	48745	43995	1.17%	0.152%
10	9.328	1191	1197	1200	rBV	3829683	3747600	100.00%	12.918%
11	9.381	1203	1206	1211	rVB2	43900	66025	1.76%	0.228%
12	9.439	1211	1216	1219	rBV	69499	52739	1.41%	0.182%
13	9.663	1250	1254	1257	rVB	106738	88764	2.37%	0.306%
14	9.704	1257	1261	1265	rVB	48638	41707	1.11%	0.144%
15	9.916	1291	1297	1299	rBV	63309	55143	1.47%	0.190%
16	10.010	1308	1313	1316	rBV	1533644	1353295	36.11%	4.665%
17	10.122	1329	1332	1335	rVV	54143	40870	1.09%	0.141%
18	10.163	1335	1339	1342	rVB2	54519	53836	1.44%	0.186%
19	10.522	1397	1400	1406	rVB	168222	154049	4.11%	0.531%
20	10.657	1420	1423	1427	rVB	61102	58581	1.56%	0.202%
21	10.798	1439	1447	1450	rBV	2930351	2788597	74.41%	9.612%
22	10.833	1450	1453	1458	rVB2	67403	78714	2.10%	0.271%
23	10.916	1463	1467	1470	rBV	78960	69632	1.86%	0.240%
24	11.504	1563	1567	1570	rVB	1488115	1374736	36.68%	4.739%
25	12.016	1651	1654	1659	rBV3	56240	59567	1.59%	0.205%
26	13.092	1833	1837	1840	rBV	4111000	3706286	98.90%	12.776%
27	13.992	1985	1990	1996	rBV	118476	221915	5.92%	0.765%
28	14.151	2013	2017	2020	rVB	1055190	984965	26.28%	3.395%
29	14.245	2026	2033	2045	rBV5	192000	596768	15.92%	2.057%
30	14.392	2050	2058	2082	rVB5	145571	904951	24.15%	3.119%
31	14.633	2094	2099	2115	rVB3	66483	167060	4.46%	0.576%
32	15.298	2208	2212	2217	rBV	40583	45635	1.22%	0.157%
33	15.674	2270	2276	2281	rBV	594035	781480	20.85%	2.694%
34	16.174	2357	2361	2366	rVB	29825	46228	1.23%	0.159%
35	16.721	2446	2454	2461	rBV7	19140	45879	1.22%	0.158%
36	17.904	2648	2655	2664	rBV10	26525	70486	1.88%	0.243%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
Data File : BF127715.D
Acq On : 08 Apr 2022 15:58
Operator : CG\JU
Sample : N2317-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NORTH-4

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-BF040622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

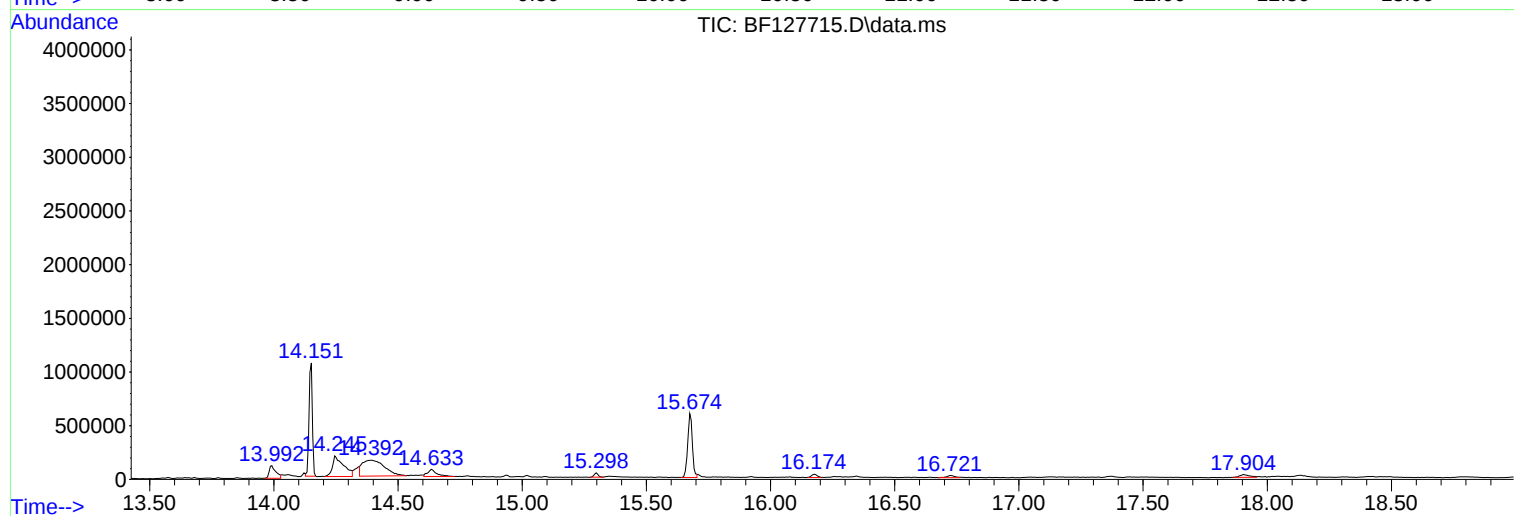
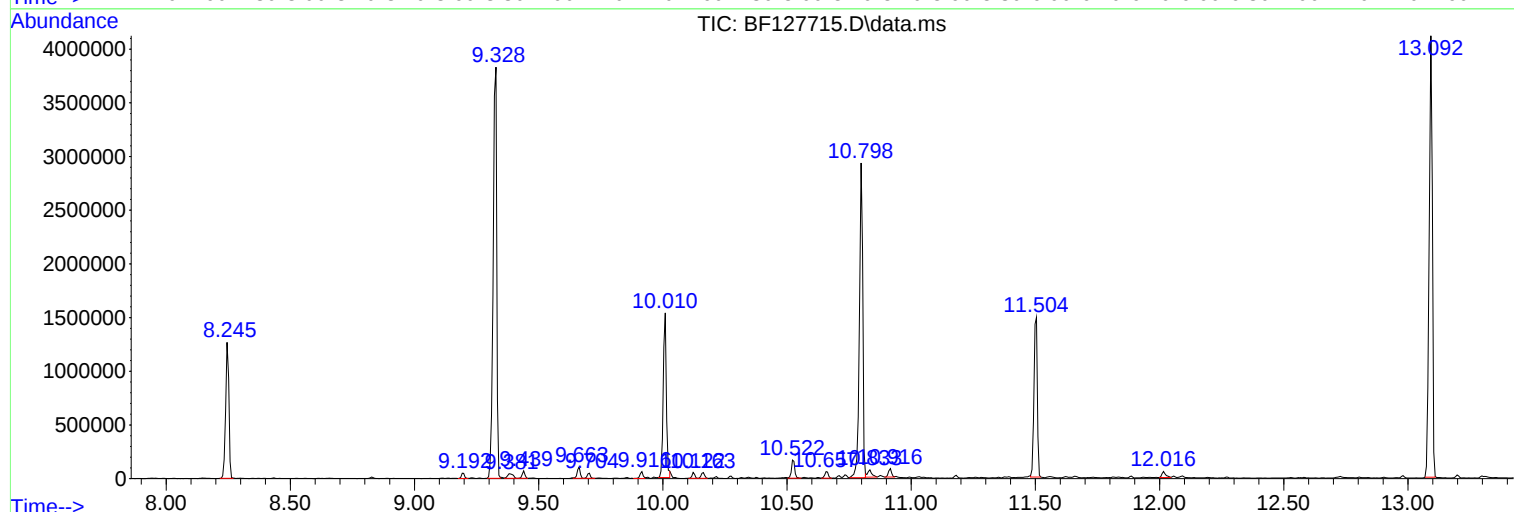
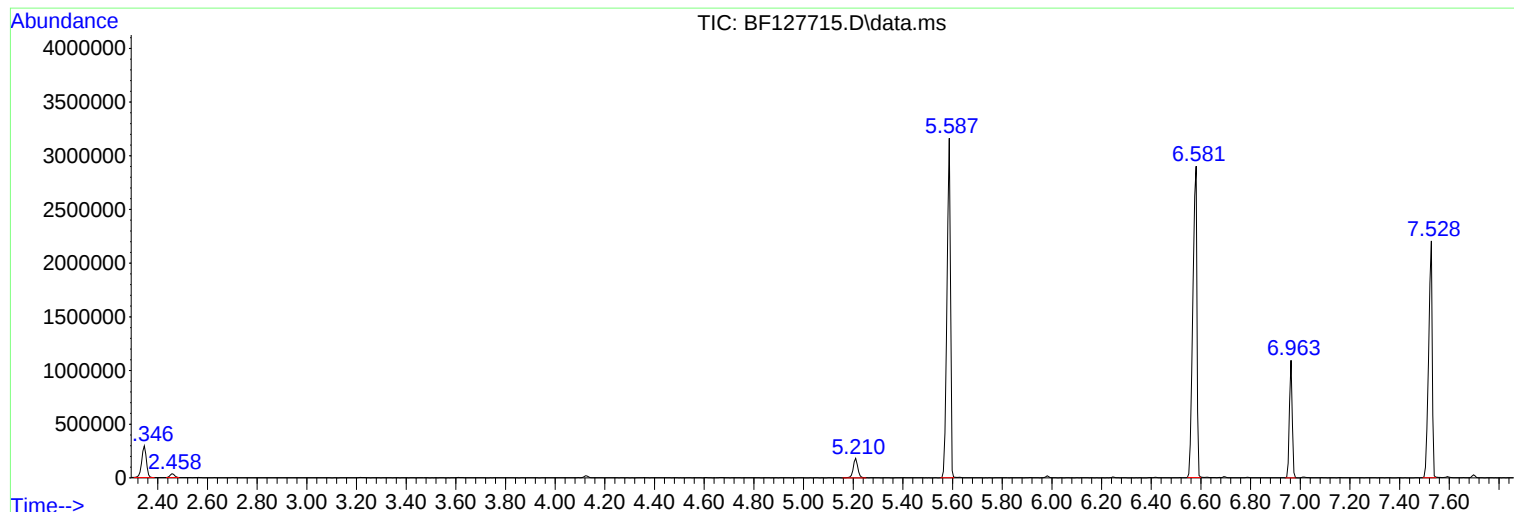
Sum of corrected areas: 29010440

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
Data File : BF127715.D
Acq On : 08 Apr 2022 15:58
Operator : CG\JU
Sample : N2317-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NORTH-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
Data File : BF127715.D
Acq On : 08 Apr 2022 15:58
Operator : CG\JU
Sample : N2317-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NORTH-4

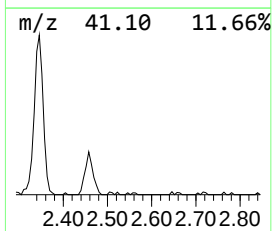
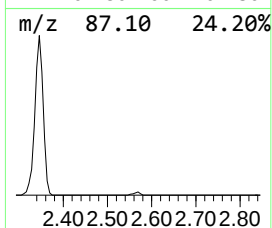
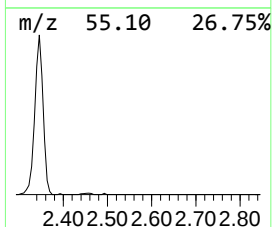
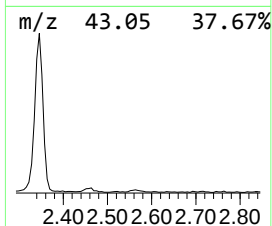
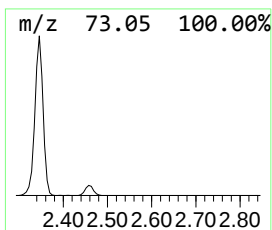
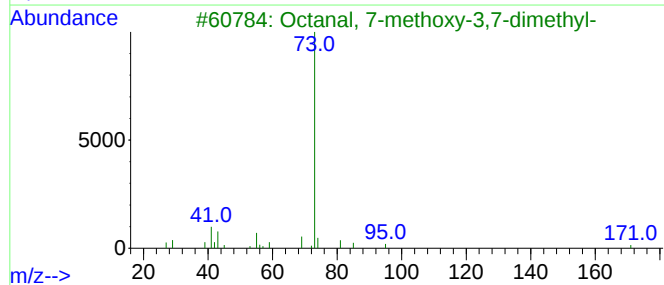
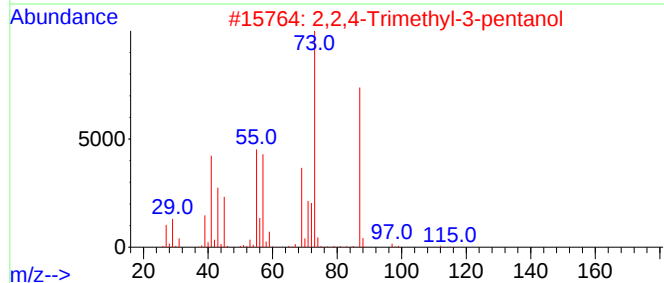
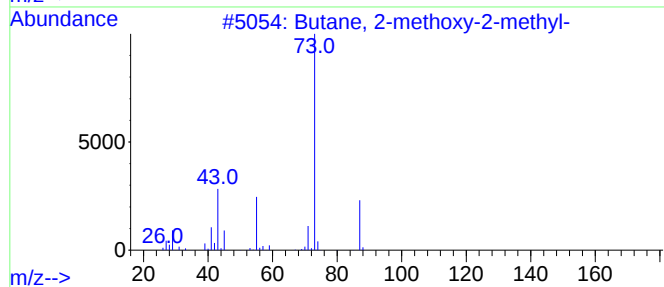
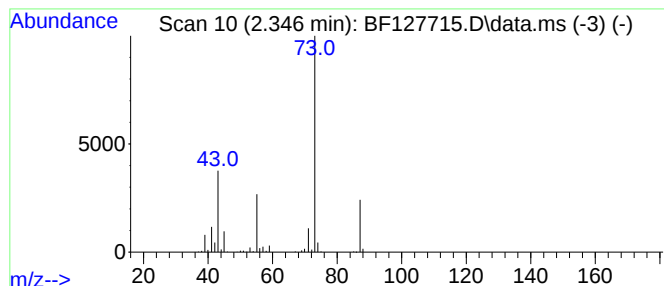
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.346	8.86 ng	387293	1,4-Dichlorobenzene-d4	6.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	23
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
Data File : BF127715.D
Acq On : 08 Apr 2022 15:58
Operator : CG\JU
Sample : N2317-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NORTH-4

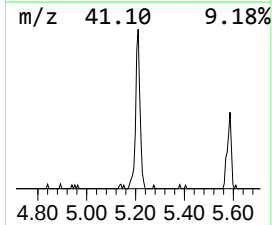
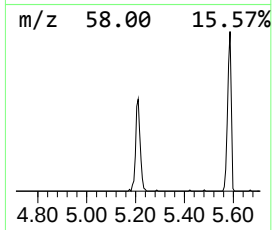
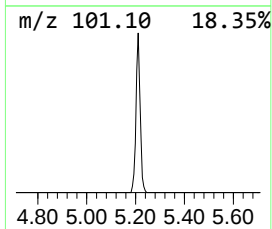
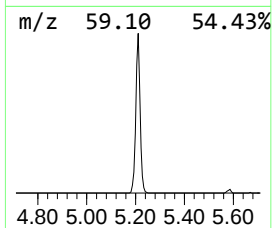
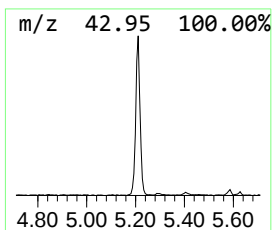
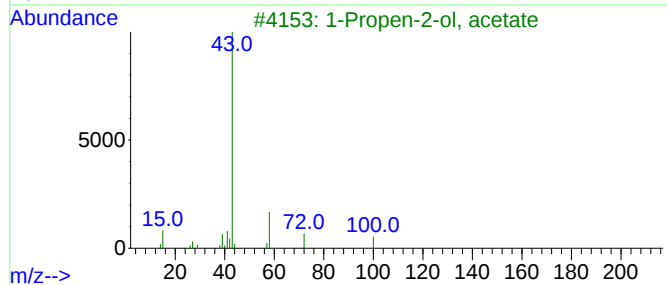
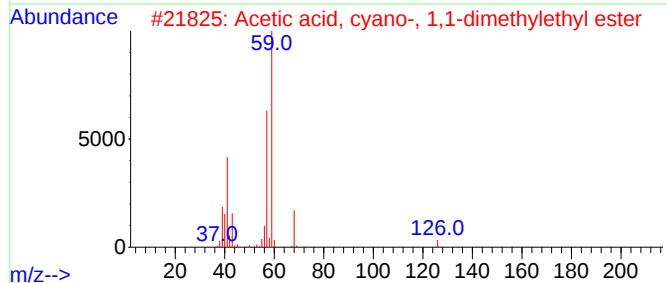
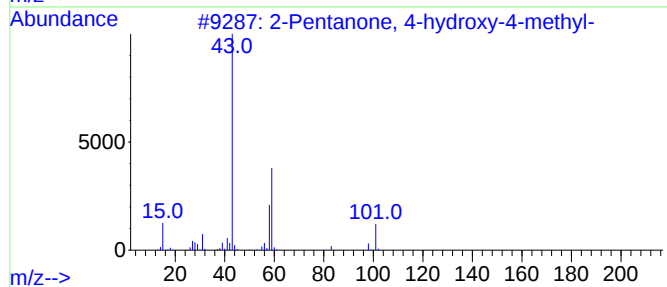
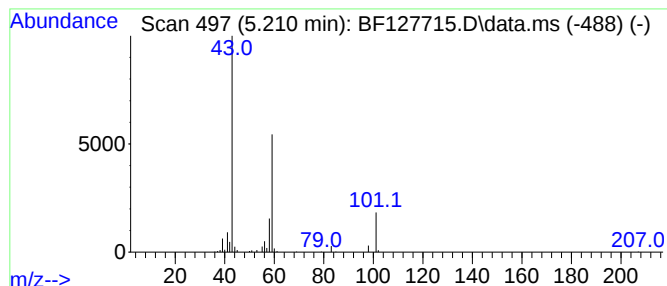
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.210	5.16 ng	225493	1,4-Dichlorobenzene-d4	6.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
5			5-Hexen-2-one	98	C6H10O	000109-49-9	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
Data File : BF127715.D
Acq On : 08 Apr 2022 15:58
Operator : CG\JU
Sample : N2317-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NORTH-4

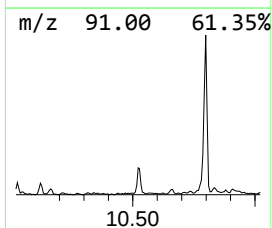
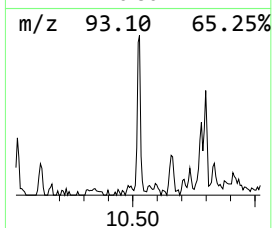
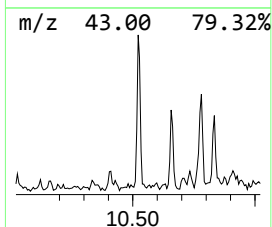
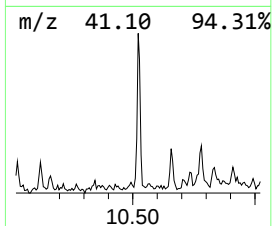
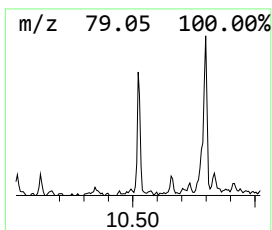
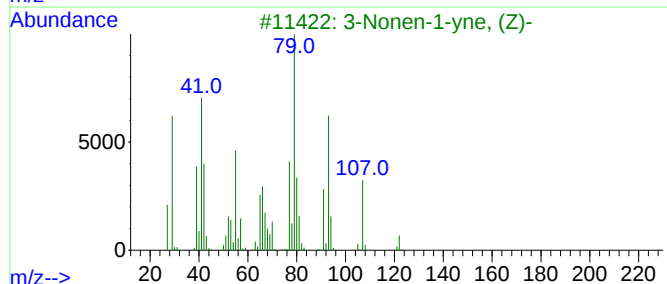
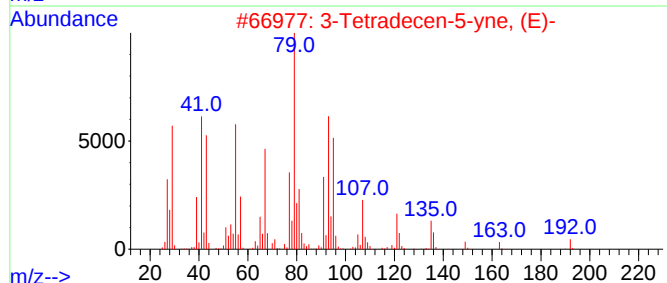
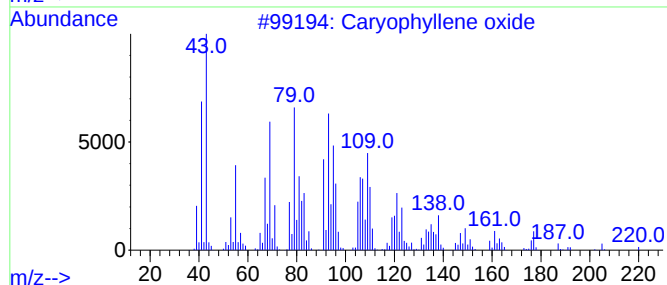
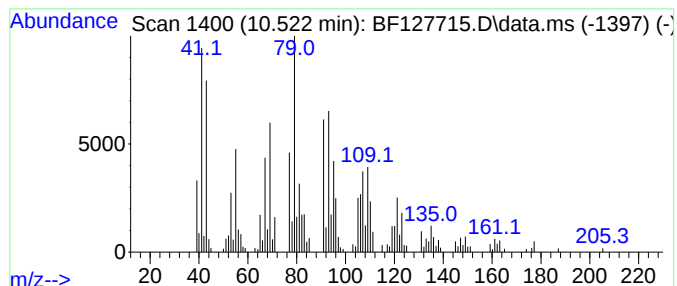
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Caryophyllene oxide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.522	2.28 ng	154049	Acenaphthene-d10	10.010

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Caryophyllene oxide	220	C15H24O	001139-30-6	58
2			3-Tetradecen-5-yne, (E)-	192	C14H24	074744-44-8	50
3			3-Nonen-1-yne, (Z)-	122	C9H14	037981-61-6	50
4			Tricyclo[7.1.0.0[1,3]]decane-2-c...	164	C11H16O	1000305-39-2	49
5			Bicyclo[4.1.0]heptane, 7-methylene-	108	C8H12	054211-14-2	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
Data File : BF127715.D
Acq On : 08 Apr 2022 15:58
Operator : CG\JU
Sample : N2317-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NORTH-4

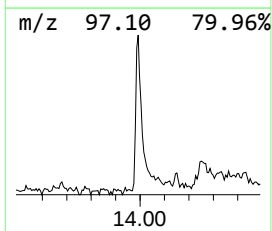
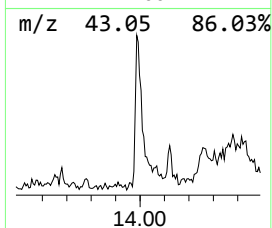
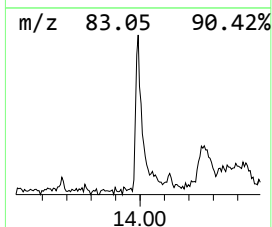
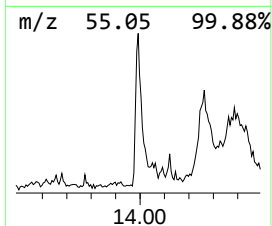
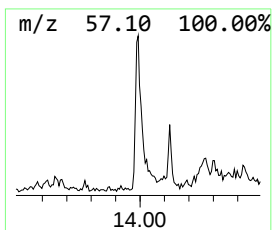
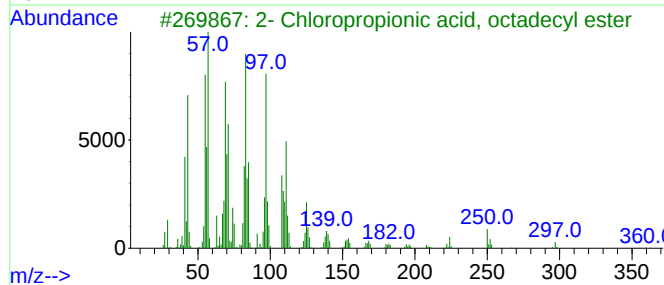
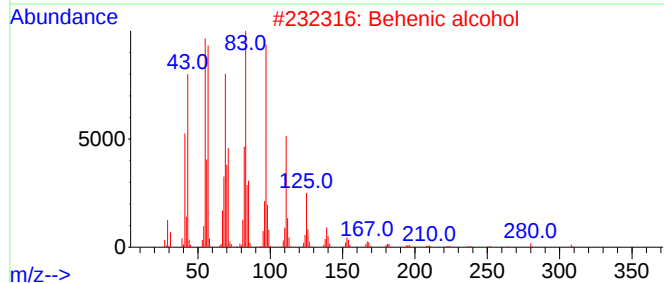
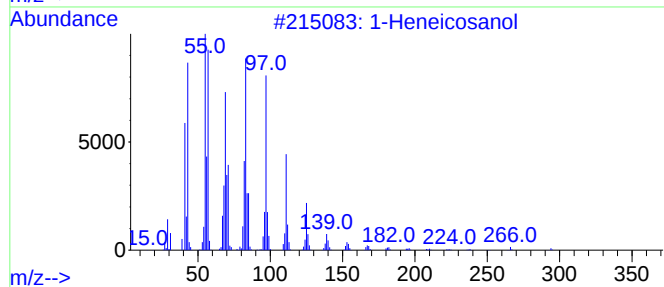
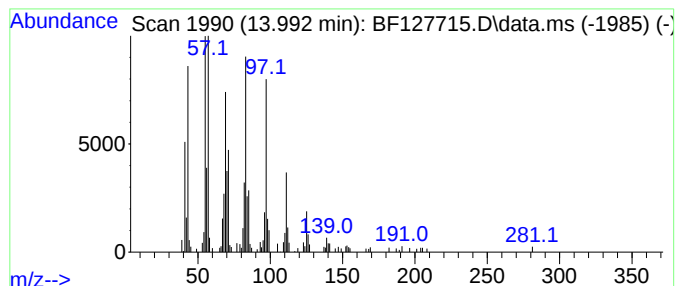
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.992	4.51 ng	221915	Chrysene-d12	14.151

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heneicosanol	312	C21H44O	015594-90-8	95
2		Behenic alcohol	326	C22H46O	000661-19-8	94
3		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
Data File : BF127715.D
Acq On : 08 Apr 2022 15:58
Operator : CG\JU
Sample : N2317-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NORTH-4

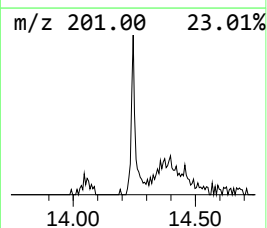
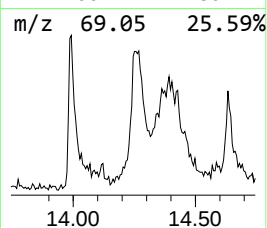
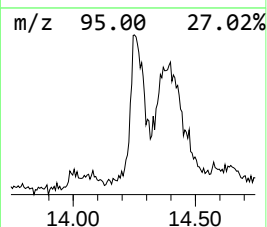
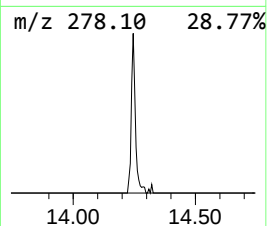
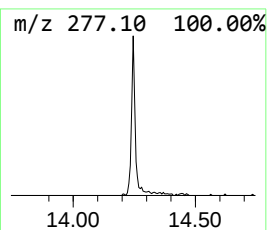
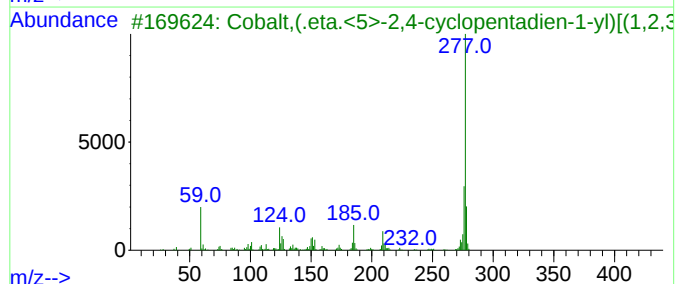
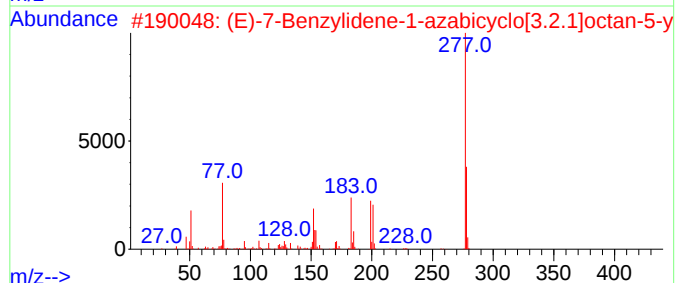
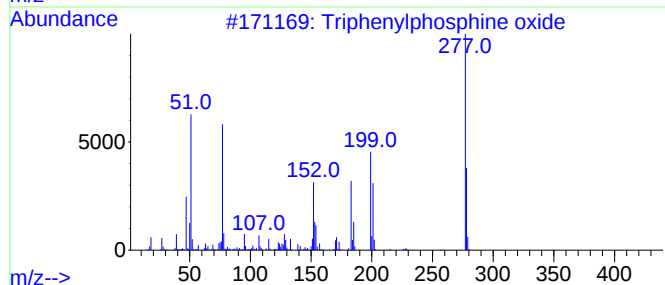
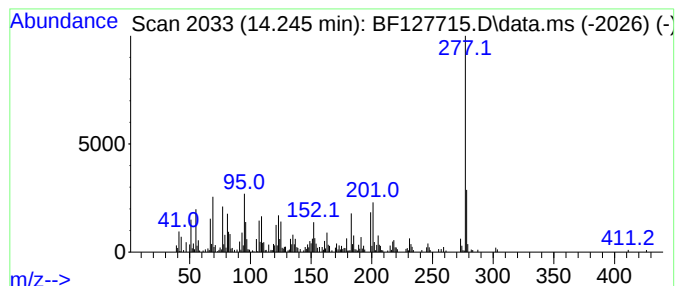
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Triphenylphosphine oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.245	12.12 ng	596768	Chrysene-d12	14.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylphosphine oxide	278	C18H15OP	000791-28-6	89
2			(E)-7-Benzylidene-1-azabicyclo[3...]	293	C15H19N03S	1000483-83-4	58
3			Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	52
4			benzenamine, N,N-dimethyl-4-(1-m...	277	C18H19N3	1000397-11-0	49
5			Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
Data File : BF127715.D
Acq On : 08 Apr 2022 15:58
Operator : CG\JU
Sample : N2317-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

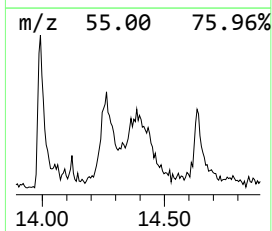
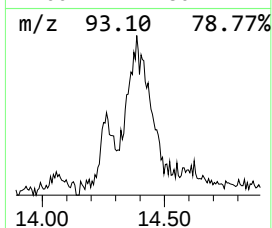
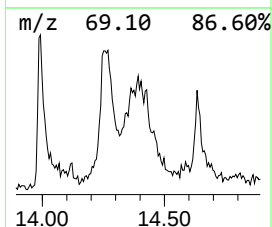
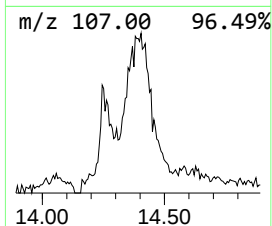
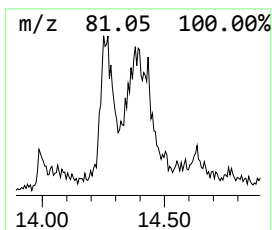
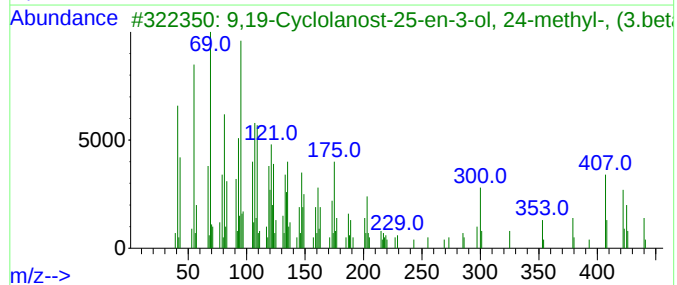
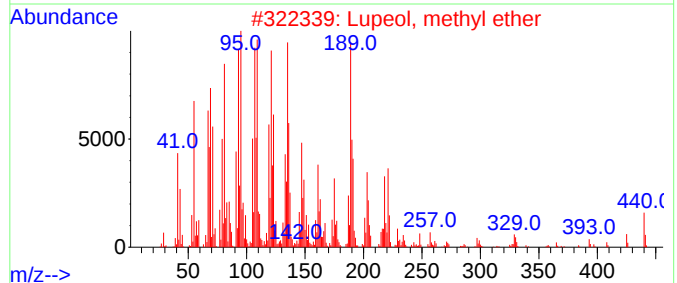
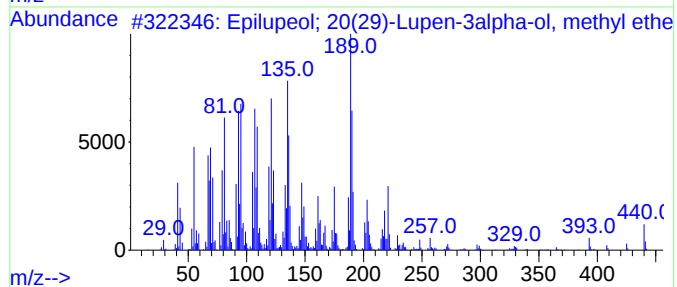
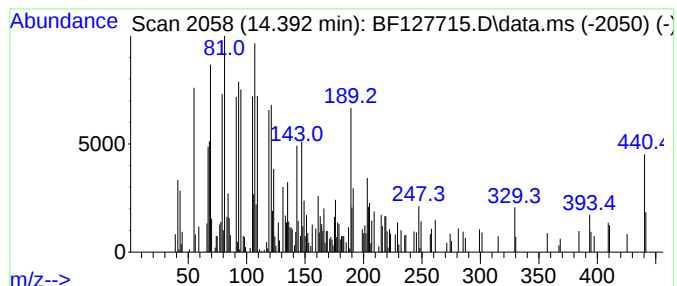
Instrument :
BNA_F
ClientSampleId :
NORTH-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Epilupeol; 20(29)-Lupen-3a1... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.392	18.38 ng	904951	Chrysene-d12	14.151	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Epilupeol; 20(29)-Lupen-3alpha-o...	440	C31H52O	1000513-01-9	50
2	Lupeol, methyl ether	440	C31H52O	025279-38-3	49
3	9,19-Cyclolanost-25-en-3-ol, 24-...	440	C31H52O	000511-61-5	27
4	9,19-Cyclolanost-24-en-3-ol, (3....	426	C30H50O	000469-38-5	25
5	3.alpha.,5-Cyclo-5.alpha.-choles...	384	C27H44O	026753-93-5	16



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
Data File : BF127715.D
Acq On : 08 Apr 2022 15:58
Operator : CG\JU
Sample : N2317-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NORTH-4

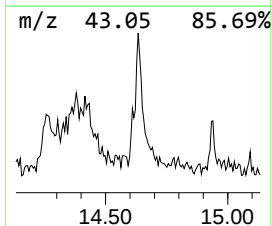
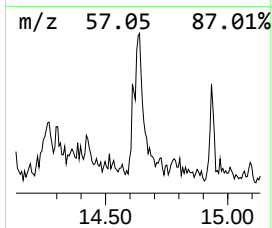
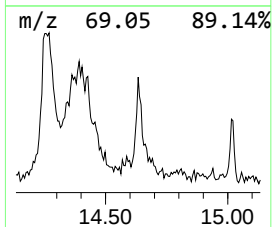
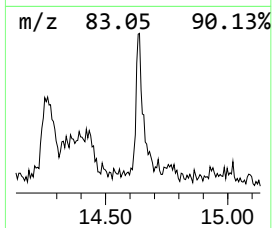
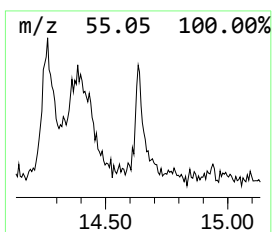
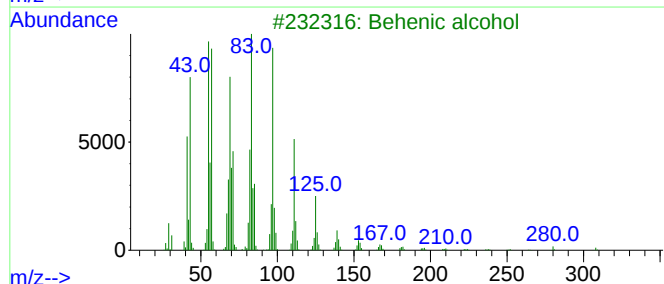
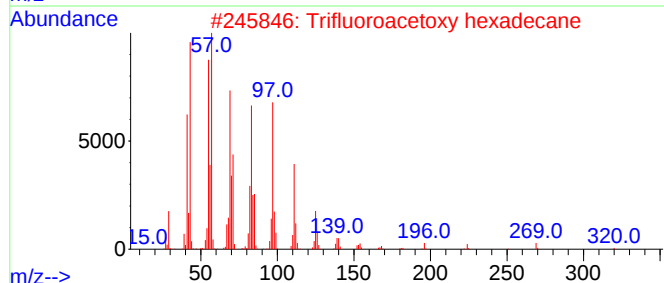
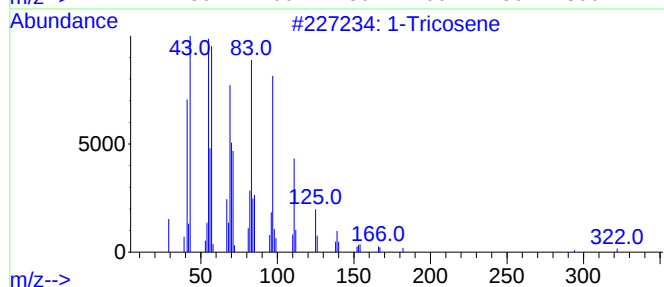
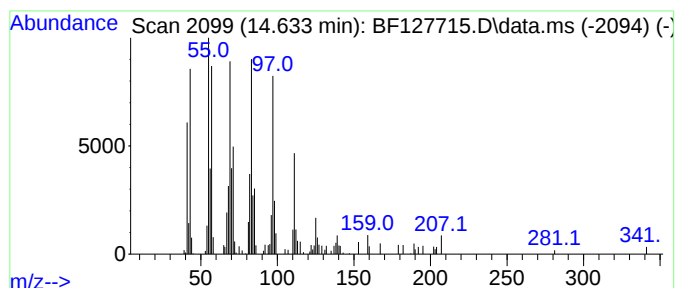
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 1-Tricosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.633	3.39 ng	167060	Chrysene-d12	14.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene			322	C23H46	018835-32-0	95
2	Trifluoroacetoxy hexadecane			338	C18H33F3O2	006222-03-3	94
3	Behenic alcohol			326	C22H46O	000661-19-8	94
4	1-Heneicosanol			312	C21H44O	015594-90-8	93
5	n-Nonadecanol-1			284	C19H40O	001454-84-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
Data File : BF127715.D
Acq On : 08 Apr 2022 15:58
Operator : CG\JU
Sample : N2317-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NORTH-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.346	8.9	ng	387293	1	6.963	873785	20.0
2-Pentanone, 4-...	5.210	5.2	ng	225493	1	6.963	873785	20.0
Caryophyllene o...	10.522	2.3	ng	154049	3	10.010	1353300	20.0
1-Heneicosanol	13.992	4.5	ng	221915	5	14.151	984965	20.0
Triphenylphosph...	14.245	12.1	ng	596768	5	14.151	984965	20.0
Epilupeol; 20(2...	14.392	18.4	ng	904951	5	14.151	984965	20.0
1-Tricosene	14.633	3.4	ng	167060	5	14.151	984965	20.0