Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
Data File : BF122145.D
Acq On : 28 Oct 2020 13:50
Operator : JU/CG
Sample : L4527-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-232

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-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122145.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.340	550	553	587	rBV	1754287	2079151	97.16%	10.673%
2	6.369	724	728	756	rBV	1837757	2139829	100.00%	10.984%
3	6.575	760	763	774	rBV	35733	79613	3.72%	0.409%
4	6.710	783	786	797	rVB	642168	618674	28.91%	3.176%
5	7.281	880	883	908	rBV	1211864	1360440	63.58%	6.983%
6	7.998	1001	1005	1017	rBV	878185	801807	37.47%	4.116%
7	9.069	1183	1187	1197	rBV	2398741	2100789	98.18%	10.784%
8	9.181	1203	1206	1211	rBV4	43520	50949	2.38%	0.262%
9	9.398	1239	1243	1247	rBV2	322440	301412	14.09%	1.547%
10	9.445	1248	1251	1252	rBV2	43632	37679	1.76%	0.193%
11	9.469	1252	1255	1259	rVV	343888	272626	12.74%	1.399%
12	9.651	1283	1286	1288	rVB2	50092	42140	1.97%	0.216%
13	9.716	1293	1297	1299	rBV	295368	249250	11.65%	1.279%
14	9.745	1299	1302	1306	rVV	1019206	867802	40.55%	4.455%
15	9.863	1318	1322	1325	rBV2	50019	55304	2.58%	0.284%
16	9.998	1342	1345	1348	rBV3	58451	73310	3.43%	0.376%
17	10.145	1367	1370	1374	rBV	127123	139495	6.52%	0.716%
18	10.539	1434	1437	1443	rBV	1344444	1476617	69.01%	7.580%
19	10.663	1454	1458	1463	rBV2	246768	365285	17.07%	1.875%
20	11.128	1534	1537	1542	rVB	441542	442579	20.68%	2.272%
21	11.239	1553	1556	1560	rBV	892992	824532	38.53%	4.232%
22	12.822	1822	1825	1828	rVB	2050753	1786764	83.50%	9.172%
23	13.580	1951	1954	1959	rVB	595878	500515	23.39%	2.569%
24	13.721	1975	1978	1989	rVB2	299069	540159	25.24%	2.773%
25	13.880	2002	2005	2019	rVB	909425	914353	42.73%	4.694%
26	14.357	2082	2086	2095	rVB2	229437	282929	13.22%	1.452%
27	14.627	2129	2132	2135	rVB	60654	56626	2.65%	0.291%
28	14.692	2140	2143	2149	rVB	82187	85235	3.98%	0.438%
29	14.939	2183	2185	2190	rVB	46796	52938	2.47%	0.272%
30	15.004	2191	2196	2202	rVV5	17703	44588	2.08%	0.229%
31	15.310	2243	2248	2260	rVB	482000	646165	30.20%	3.317%
32	15.698	2310	2314	2321	rVB	31115	50016	2.34%	0.257%
33	15.786	2324	2329	2338	rVV7	27023	83257	3.89%	0.427%
34	18.915	2854	2861	2868	rBV9	21003	58309	2.72%	0.299%

Sum of corrected areas: 19481137

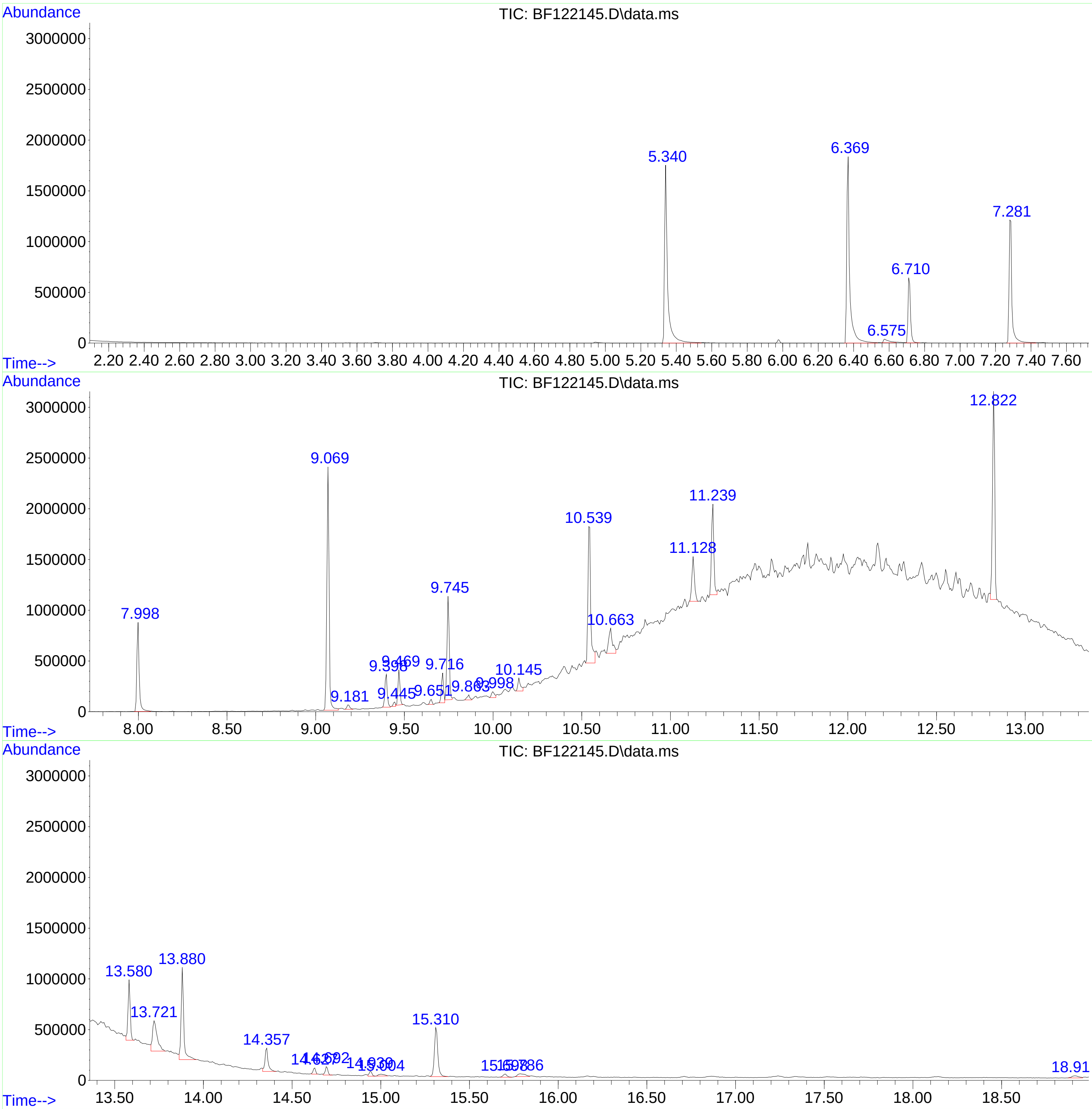
LSC Report - Integrated Chromatogram

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
Data File : BF122145.D
Acq On   : 28 Oct 2020 13:50
Operator : JU/CG
Sample   : L4527-05
Misc   :
ALS Vial : 6   Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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_F\Data\BF102820\
Data File : BF122145.D
Acq On : 28 Oct 2020 13:50
Operator : JU/CG
Sample : L4527-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-232

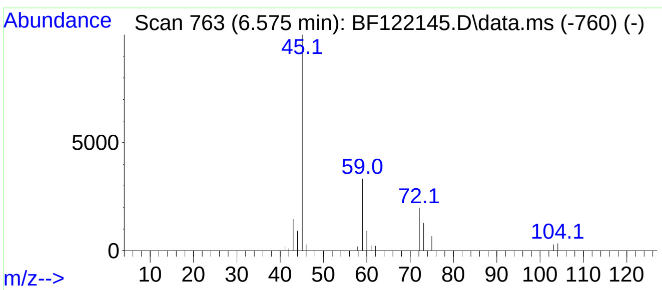
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

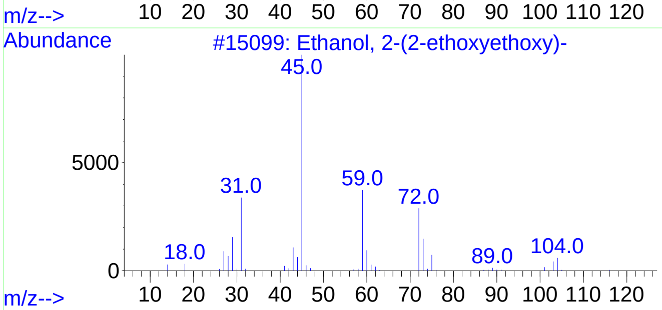
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

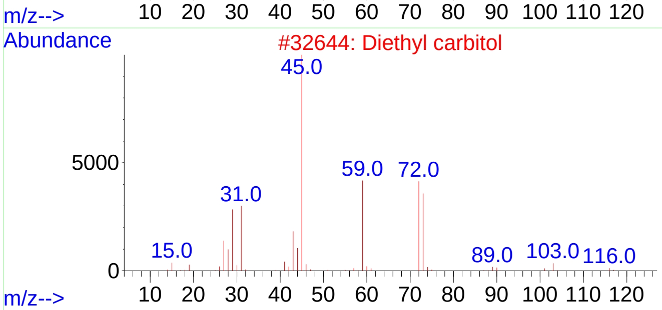
****
Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 10

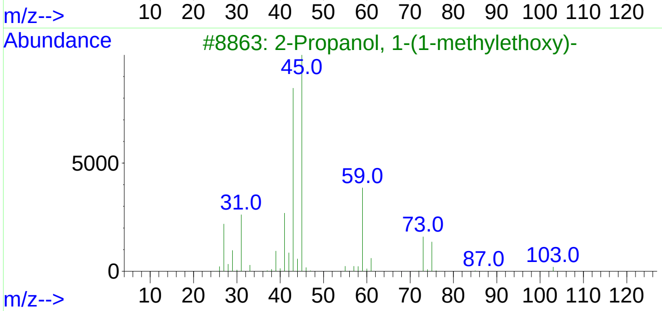
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.575	2.57 ng	79613	1,4-Dichlorobenzene-d4	6.716

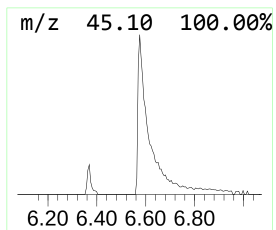
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	78
2	Diethyl carbitol	162	C8H18O3	000112-36-7	72
3	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
4	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	38
5	Methoxyacetic acid, 2-methylprop...	146	C7H14O3	1000282-40-9	28

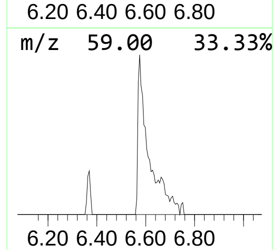


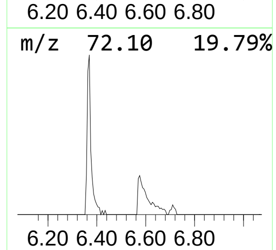


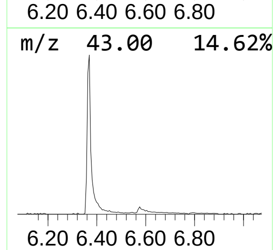


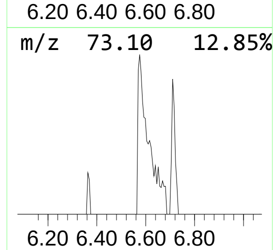












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
Data File : BF122145.D
Acq On : 28 Oct 2020 13:50
Operator : JU/CG
Sample : L4527-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-232

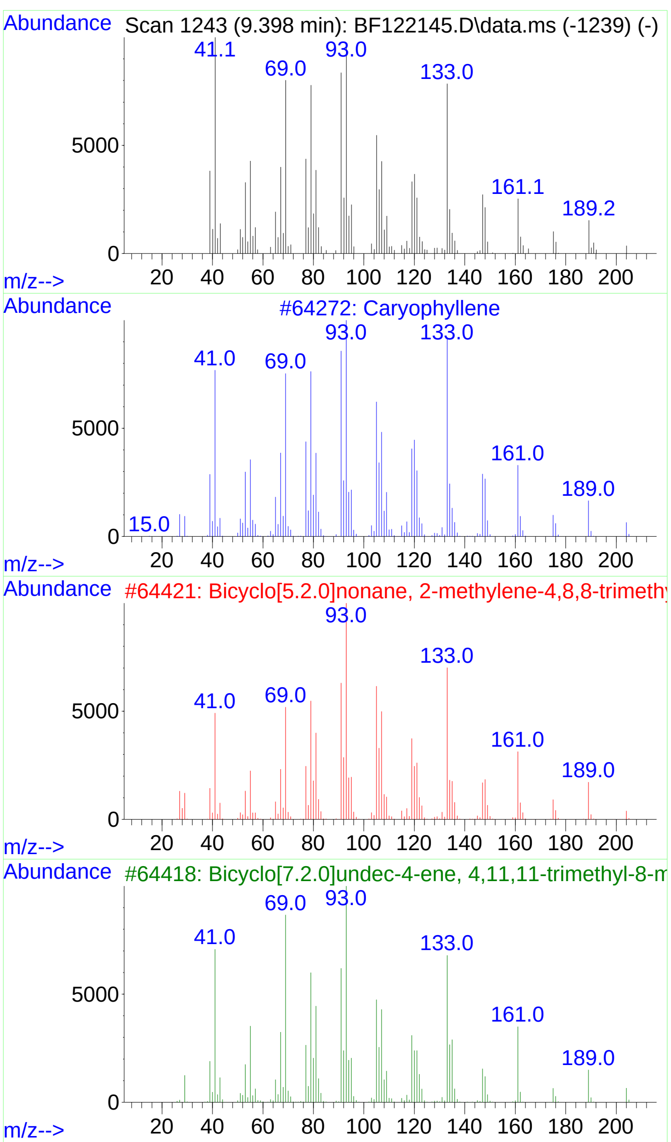
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

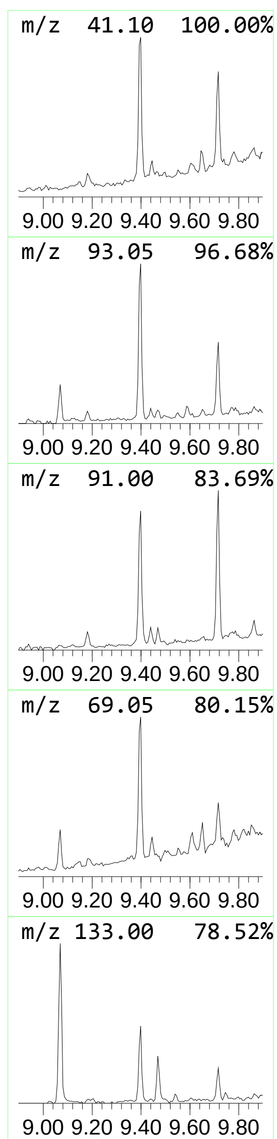
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Caryophyllene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.398	6.95 ng	301412	Acenaphthene-d10	9.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caryophyllene	204	C15H24	000087-44-5	97
2	Bicyclo[5.2.0]nonane, 2-methylen...	204	C15H24	242794-76-9	93
3	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	93
4	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	91
5	Alloaromadendrene	204	C15H24	025246-27-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
Data File : BF122145.D
Acq On : 28 Oct 2020 13:50
Operator : JU/CG
Sample : L4527-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-232

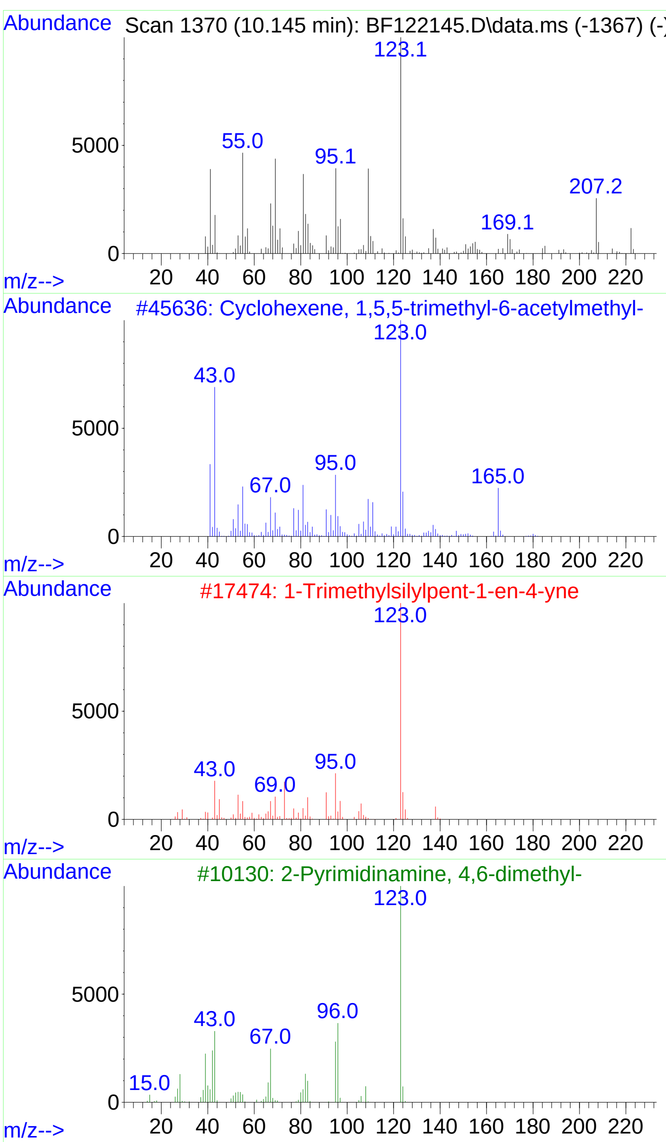
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

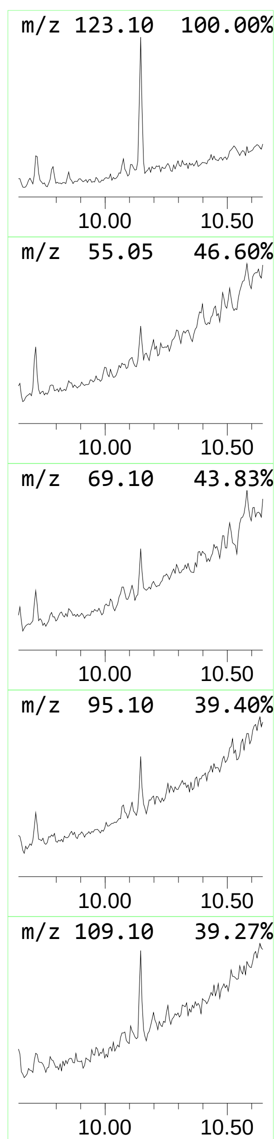
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclohexene, 1,5,5-trimethy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.145	3.21 ng	139495	Acenaphthene-d10	9.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1,5,5-trimethyl-6-a...	180	C12H20O	211563-96-1	50
2	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	47
3	2-Pyrimidinamine, 4,6-dimethyl-	123	C6H9N3	000767-15-7	46
4	1,3-Benzenediamine, 4-methoxy-	138	C7H10N2O	000615-05-4	46
5	3-Fluorobenzoic acid, phenyl ester	216	C13H9FO2	1000299-05-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
Data File : BF122145.D
Acq On : 28 Oct 2020 13:50
Operator : JU/CG
Sample : L4527-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-232

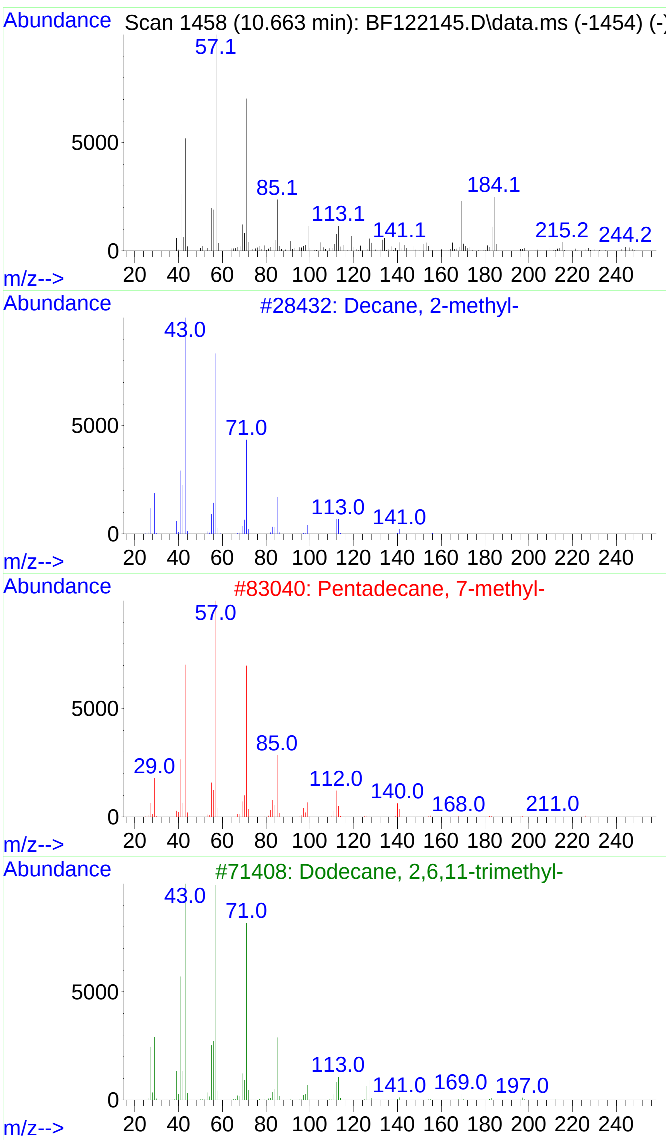
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

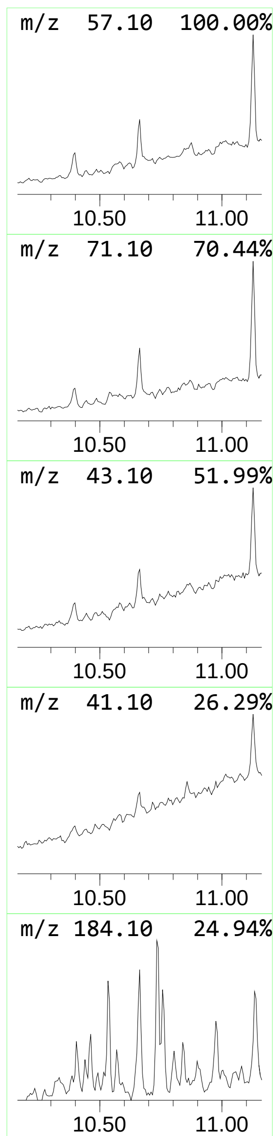
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Decane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.663	8.86 ng	365285	Phenanthrene-d10	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	64
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	60
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	58
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58
5	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	58





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Data File : BF122145.D
Acq On : 28 Oct 2020 13:50
Operator : JU/CG
Sample : L4527-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

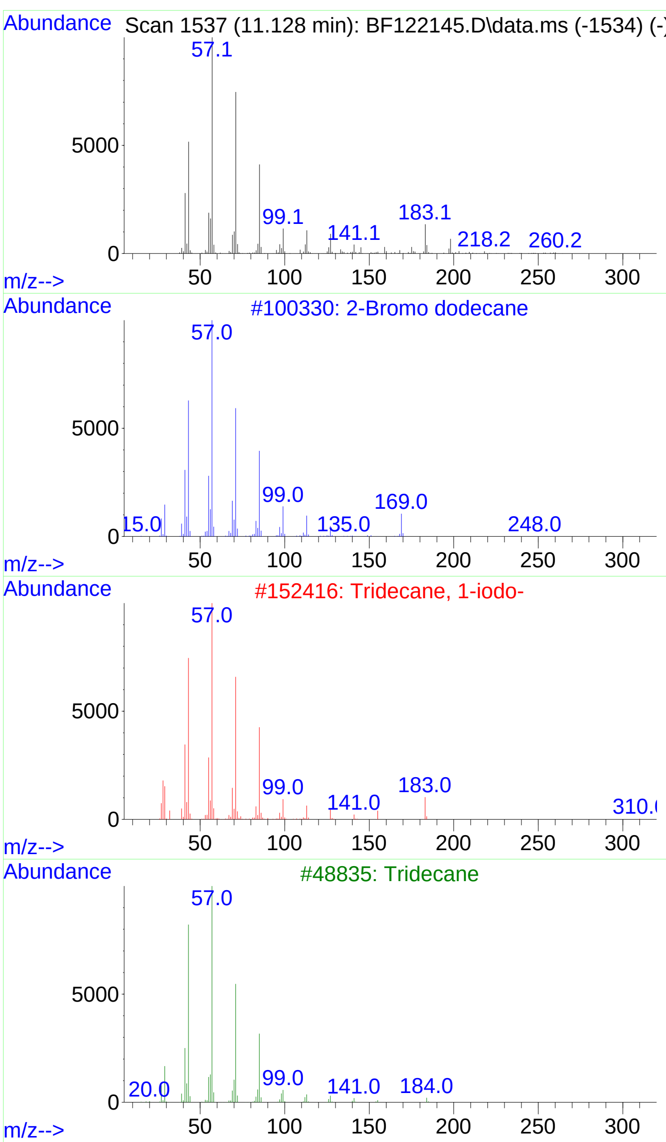
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

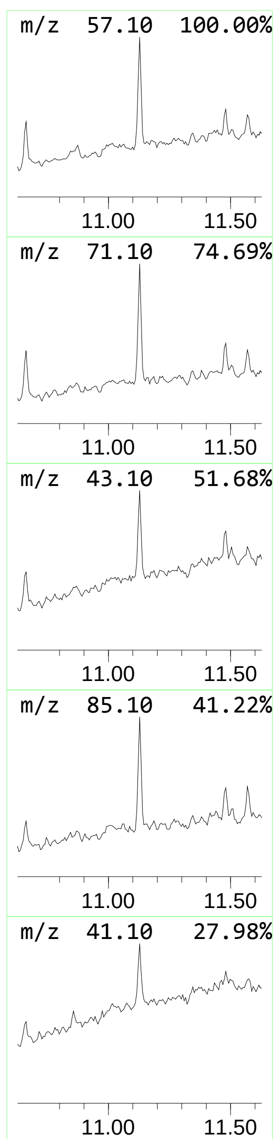
****

Peak Number 5 2-Bromo dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.128	10.74 ng	442579	Phenanthrene-d10	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3	Tridecane	184	C13H28	000629-50-5	87
4	Tetradecane	198	C14H30	000629-59-4	83
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80





Library Search Compound Report

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Data File : BF122145.D
Acq On    : 28 Oct 2020  13:50
Operator  : JU/CG
Sample    : L4527-05
Misc      :
ALS Vial  : 6   Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Instrument :
BNA_F
ClientSampleId :
VNJ-232

```
**********************************************************************
Peak Number  6  Cinnamyl cinnamate              Concentration Rank  2

  R.T.     EstConc          Area       Relative to ISTD         R.T.
----------------------------------------------------------------------
 13.580   10.95 ng         500515   Chrysene-d12               13.880

 Hit# of  5    Tentative ID              MW  MolForm       CAS#       Qual
----------------------------------------------------------------------
 1 Cinnamyl cinnamate                   264 C18H16O2       000122-69-0 87
 2 2,2-Dimethyl-1-(2-vinylphenyl)pr... 188 C13H16O       1000210-99-9 52
 3 2-Propenamide, N-(1-methylethyl)... 265 C18H19NO       055044-37-6 50
 4 1-Penten-3-one, 4-methyl-1-phenyl-  174 C12H14O        003160-32-5 50
 5 N-(p-Vinylbenzoyl)-l-alanine        219 C12H13NO3      139184-60-4 50
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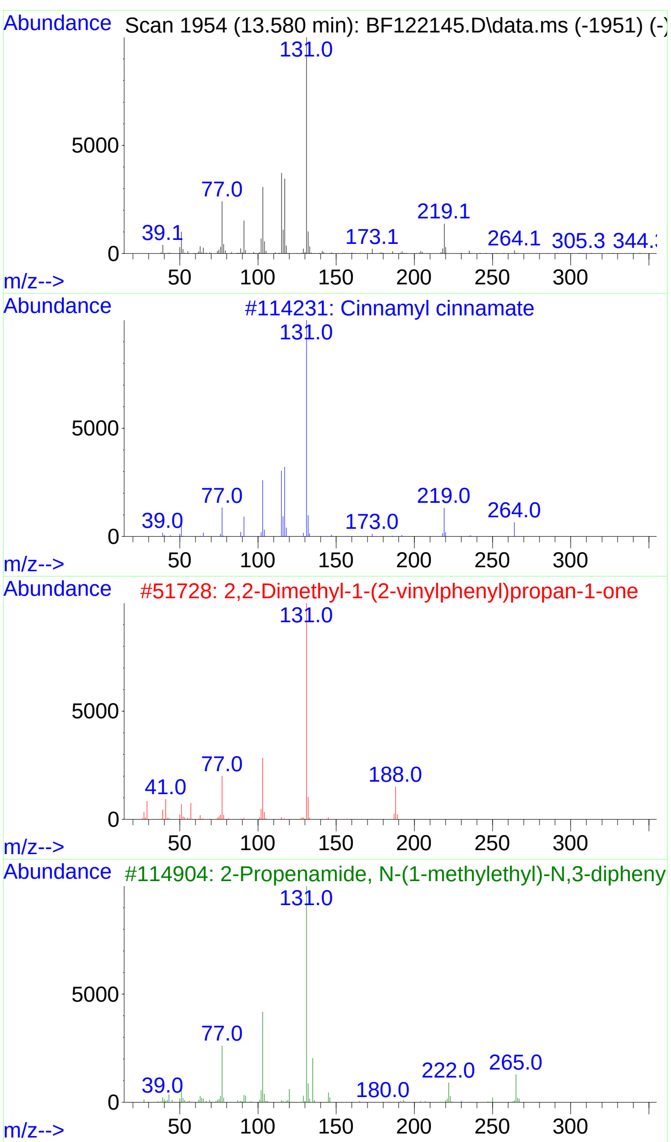

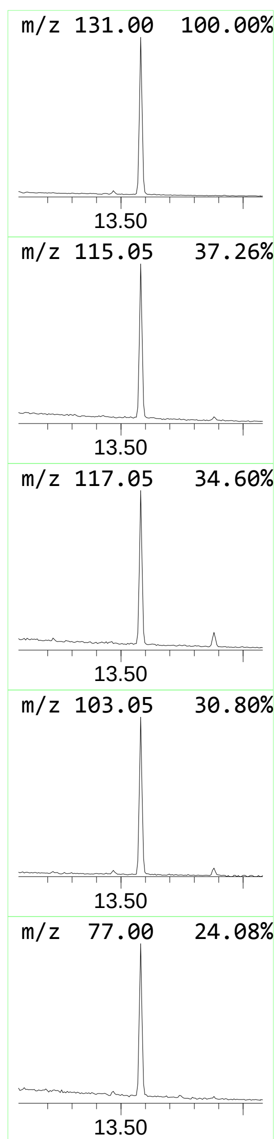

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Data File : BF122145.D
Acq On : 28 Oct 2020 13:50
Operator : JU/CG
Sample : L4527-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-232

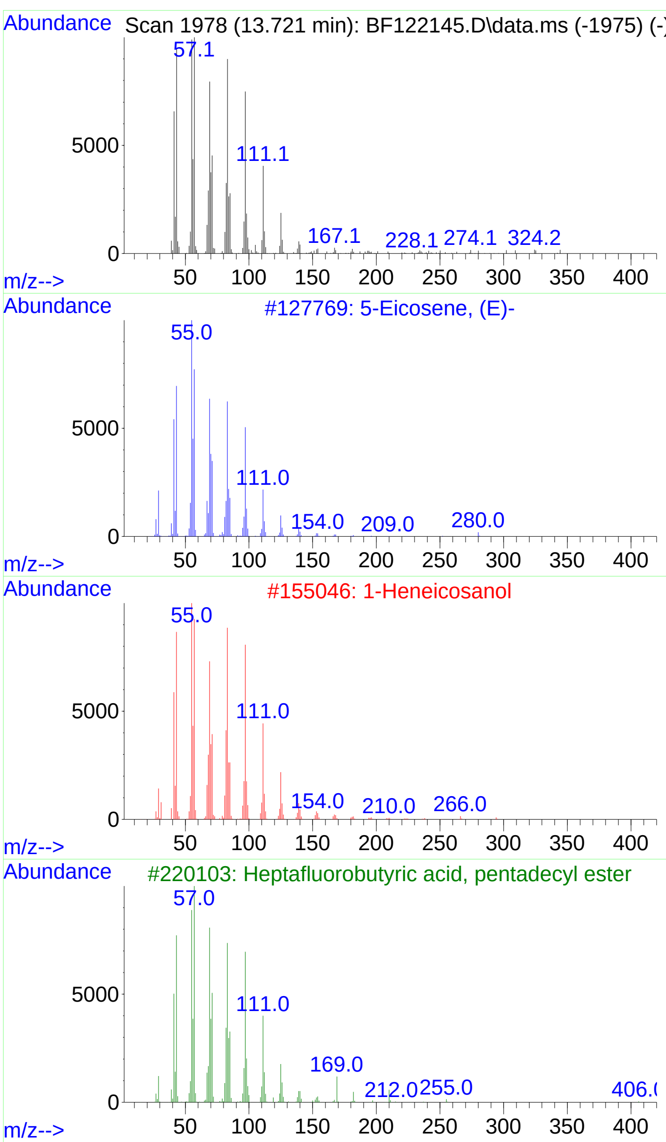
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

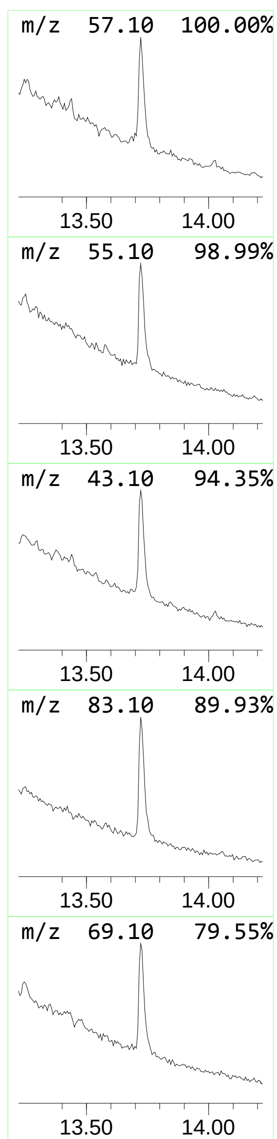
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 5-Eicosene, (E)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.722	11.82 ng	540159	Chrysene-d12	13.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
Data File : BF122145.D
Acq On : 28 Oct 2020 13:50
Operator : JU/CG
Sample : L4527-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-232

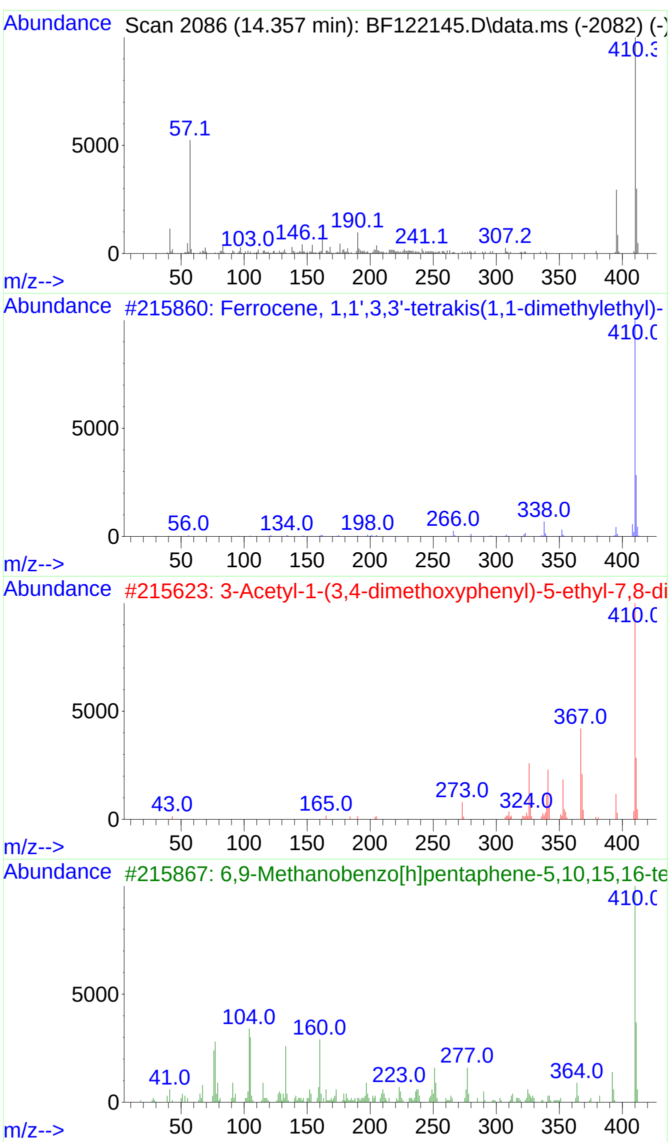
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

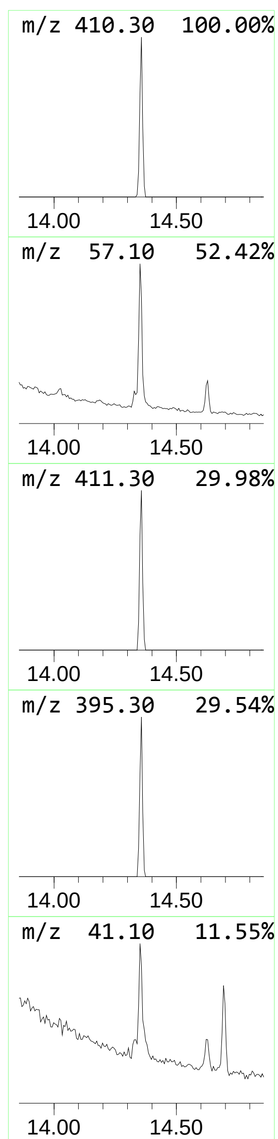
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Ferrocene, 1,1',3,3'-tetrak... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.357	6.19 ng	282929	Chrysene-d12	13.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ferrocene, 1,1',3,3'-tetrakis(1,...	410	C26H42Fe	001317-17-5	53
2	3-Acetyl-1-(3,4-dimethoxyphenyl)...	410	C23H26N2O5	090140-65-1	45
3	6,9-Methanobenzo[h]pentaphene-5,...	410	C27H22O4	057427-50-6	33
4	Stigmasta-4,6,22-trien-3.beta.-ol	410	C29H46O	096737-58-5	16
5	Silane, diphenyl(4-biphenyloxy)p...	410	C27H26O2Si	1000367-49-5	7





Instrument :
BNA_F
ClientSampleId :
VNJ-232

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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
Data File : BF122145.D
Acq On    : 28 Oct 2020  13:50
Operator  : JU/CG
Sample    : L4527-05
Misc      :
ALS Vial  : 6   Sample Multiplier: 1

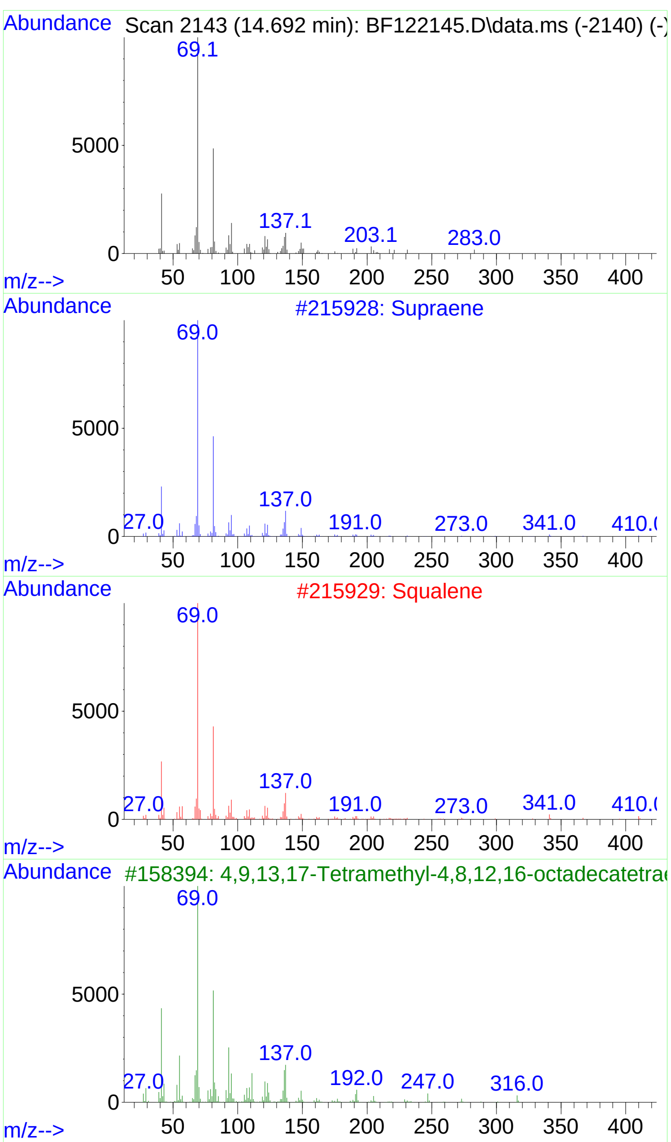
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

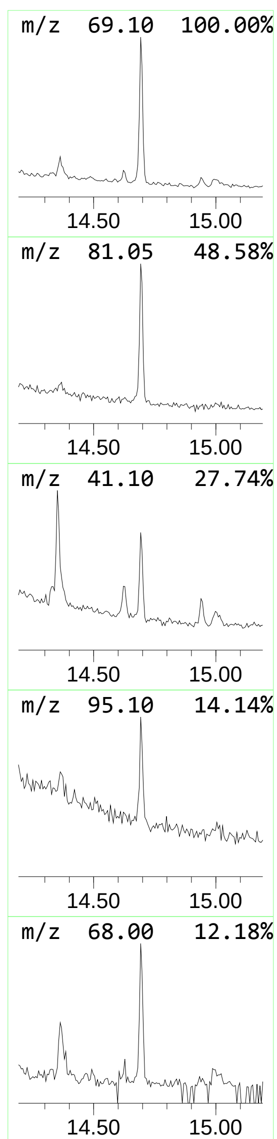
TIC Library    : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

*********************************************************************
Peak Number  9  Supraene                      Concentration Rank  8

  R.T.     EstConc          Area       Relative to ISTD         R.T.
---------------------------------------------------------------------
 14.692    2.64 ng          85235   Perylene-d12               15.310

 Hit# of  5    Tentative ID             MW  MolForm       CAS#      Qual
---------------------------------------------------------------------
 1 Supraene                            410 C30H50        007683-64-9 91
 2 Squalene                            410 C30H50        000111-02-4 90
 3 4,9,13,17-Tetramethyl-4,8,12,16-... 316 C22H36O       056882-09-8 83
 4 1,5,9-Undecatriene, 2,6,10-trime... 192 C14H24        062951-96-6 83
 5 7,11-Dimethyldodeca-2,6,10-trien... 208 C14H24O       125529-10-4 80
```





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Operator : JU/CG
Sample : L4527-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

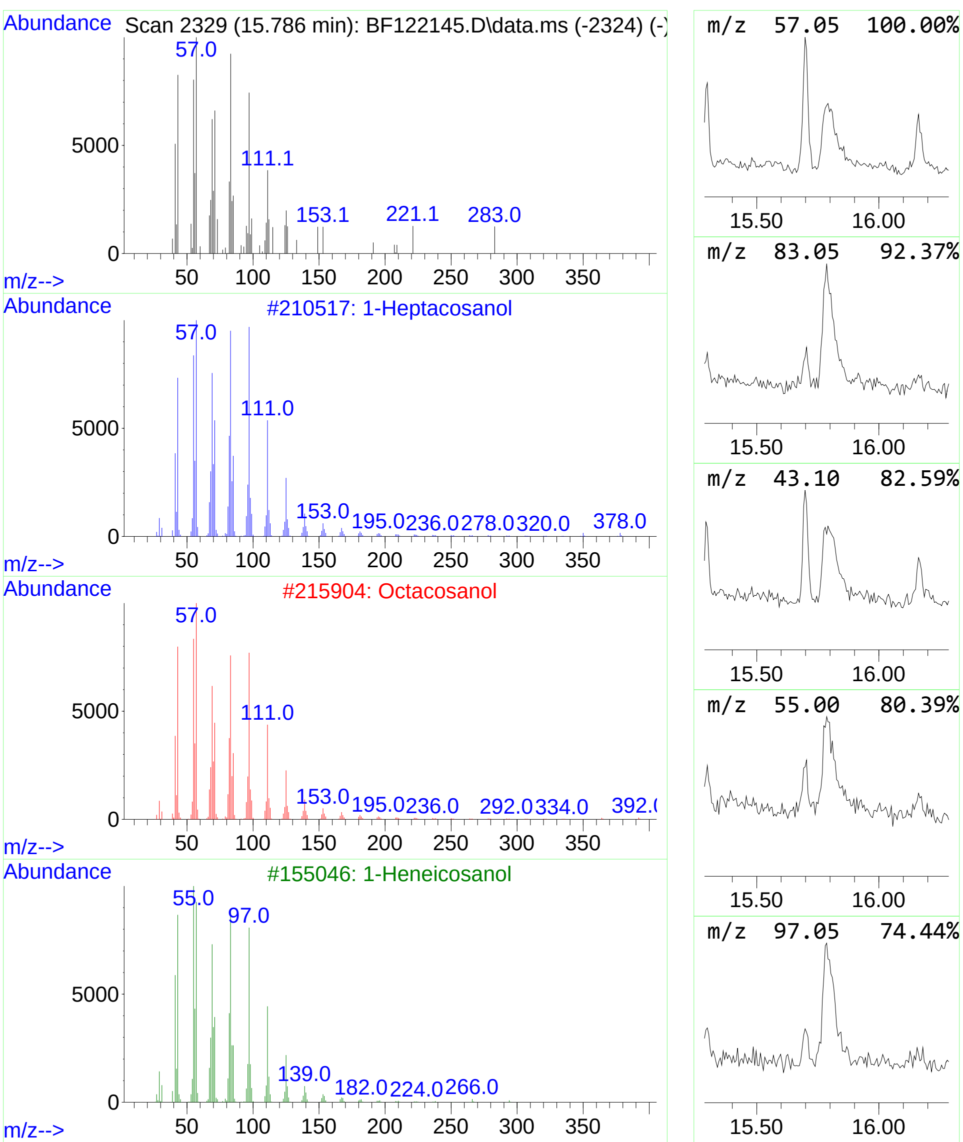
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****

Peak Number 10 1-Heptacosanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.786	2.58 ng	83257	Perylene-d12	15.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	93
2	Octacosanol	410	C28H58O	000557-61-9	86
3	1-Heneicosanol	312	C21H44O	015594-90-8	83
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	83
5	Behenic alcohol	326	C22H46O	000661-19-8	83



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Acq On : 28 Oct 2020 13:50
Operator : JU/CG
Sample : L4527-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-e...	6.575	2.6	ng	79613	1	6.716	618674	20.0
Caryophyllene	9.398	7.0	ng	301412	3	9.745	867802	20.0
Cyclohexene, 1,...	10.145	3.2	ng	139495	3	9.745	867802	20.0
Decane, 2-methyl-	10.663	8.9	ng	365285	4	11.239	824532	20.0
2-Bromo dodecane	11.128	10.7	ng	442579	4	11.239	824532	20.0
Cinnamyl cinnamate	13.580	10.9	ng	500515	5	13.880	914353	20.0
5-Eicosene, (E)-	13.722	11.8	ng	540159	5	13.880	914353	20.0
Ferrocene, 1,1'...	14.357	6.2	ng	282929	5	13.880	914353	20.0
Supraene	14.692	2.6	ng	85235	6	15.310	646165	20.0
1-Heptacosanol	15.786	2.6	ng	83257	6	15.310	646165	20.0