LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080520\
Data File : BF121192.D
Acq On : 5 Aug 2020 14:15
Operator : JU/CG
Sample : L3551-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1-DARK-SOIL

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-BF071620.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	4.999	491	495	507	rVB	38283	55476	1.76%	0.230%
2	5.410	560	565	583	rBV	2474388	2703619	85.60%	11.221%
3	6.434	734	739	757	rBV	2523635	2718653	86.08%	11.283%
4	6.628	769	772	780	rBV	24994	35179	1.11%	0.146%
5	6.793	796	800	807	rVB	826454	662332	20.97%	2.749%
6	7.357	891	896	899	rBV	1977527	1842772	58.35%	7.648%
7	8.075	1014	1018	1032	rBV	1007049	883997	27.99%	3.669%
8	9.151	1197	1201	1212	rBV	3081071	3019663	95.61%	12.532%
9	9.545	1264	1268	1277	rBV	281779	285652	9.04%	1.186%
10	9.833	1312	1317	1325	rBV	1081919	1028014	32.55%	4.267%
11	10.622	1447	1451	1463	rBV	2031854	2236651	70.82%	9.283%
12	11.316	1565	1569	1577	rBV	1135746	1139253	36.07%	4.728%
13	12.904	1835	1839	1843	rBV	3025993	3158306	100.00%	13.108%
14	13.133	1872	1878	1882	rBV	52799	61731	1.95%	0.256%
15	13.804	1988	1992	2009	rBV	407183	640829	20.29%	2.660%
16	13.957	2014	2018	2031	rVB	1290373	1214381	38.45%	5.040%
17	14.121	2042	2046	2056	rBV2	32767	49940	1.58%	0.207%
18	14.445	2093	2101	2107	rBV3	88821	217357	6.88%	0.902%
19	15.057	2202	2205	2208	rVB	49850	51365	1.63%	0.213%
20	15.098	2208	2212	2217	rBV5	32918	54343	1.72%	0.226%
21	15.410	2259	2265	2274	rBV	930010	1271548	40.26%	5.277%
22	15.851	2336	2340	2346	rBV	39304	55119	1.75%	0.229%
23	15.921	2346	2352	2365	rBV5	68862	207629	6.57%	0.862%
24	17.468	2610	2615	2621	rVB4	57327	111596	3.53%	0.463%
25	17.933	2687	2694	2707	rVB3	167123	389549	12.33%	1.617%

Sum of corrected areas: 24094954

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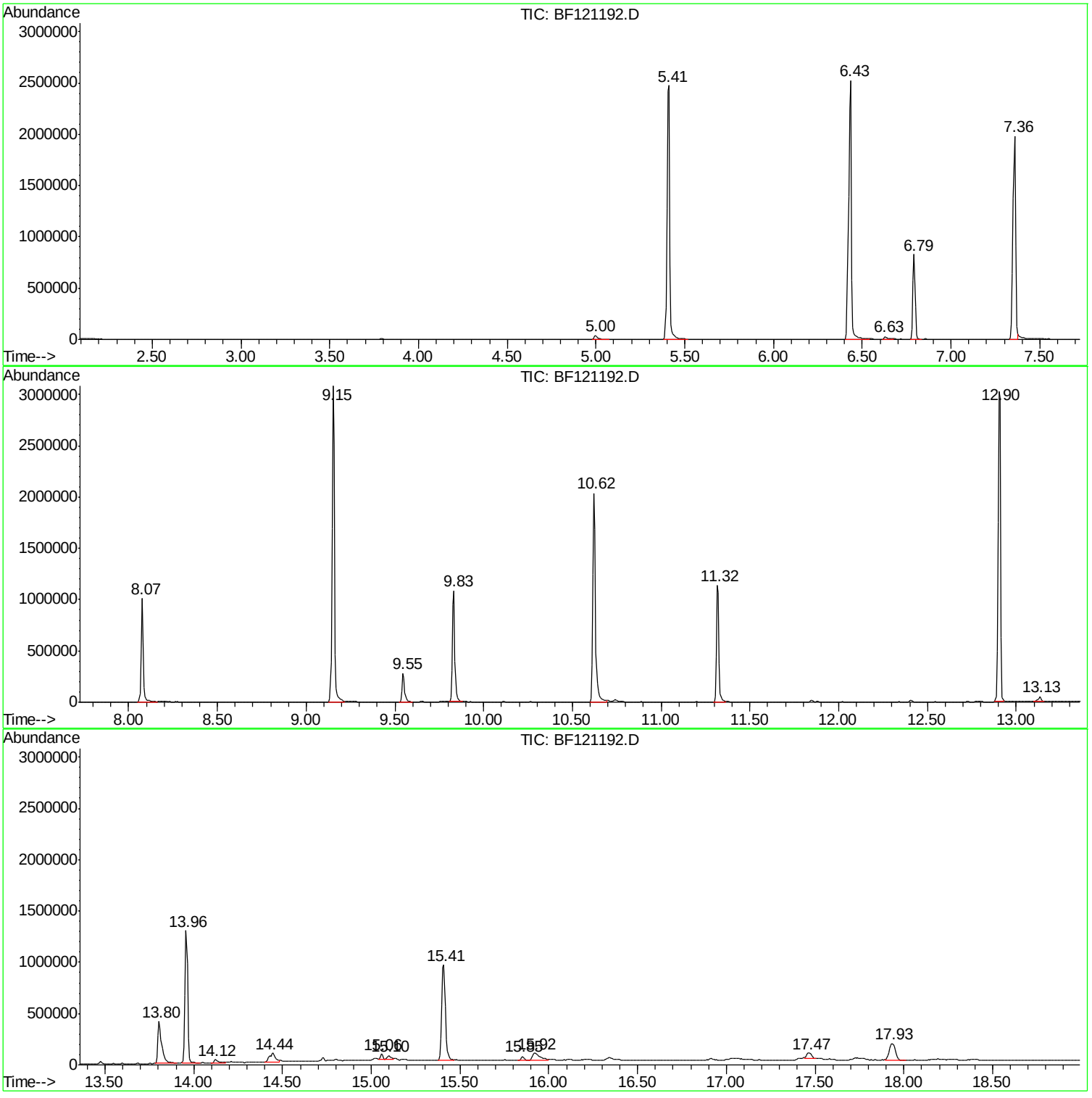
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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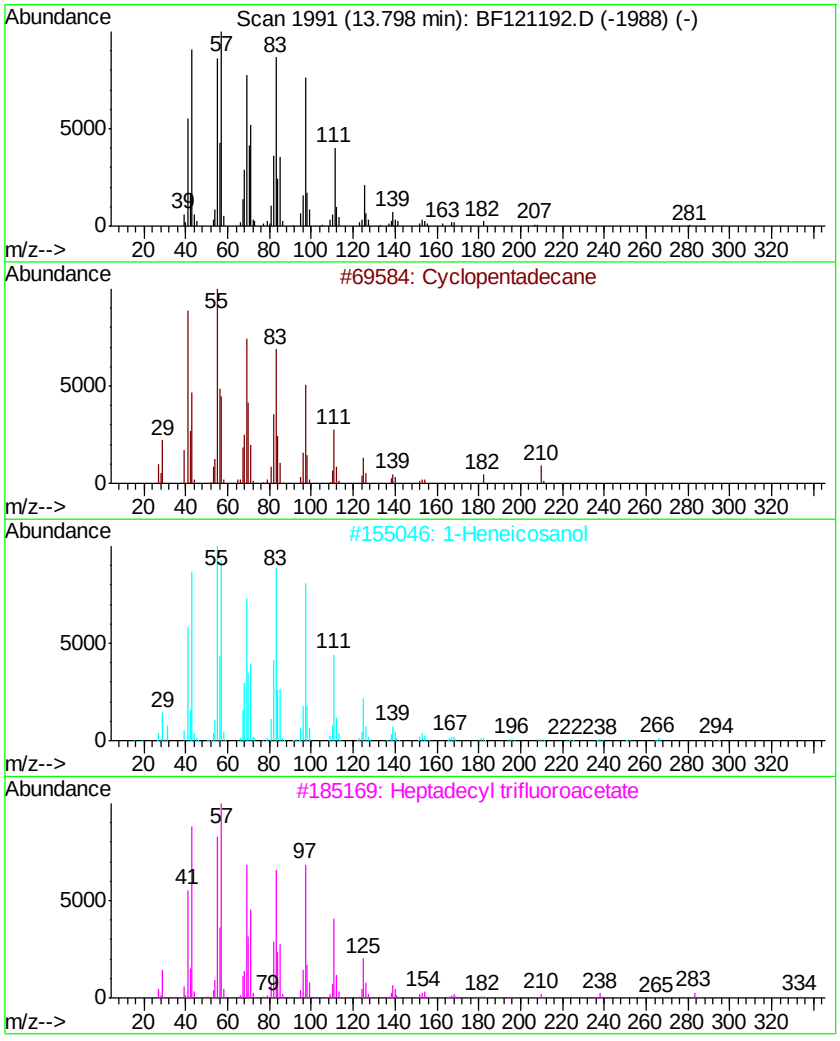
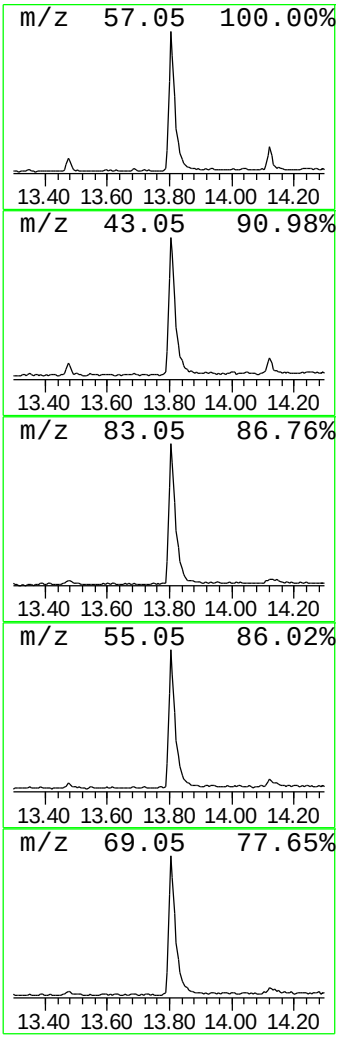
Peak Number 1 Cyclopentadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	10.55 ng	640829	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : SP-1-DARK-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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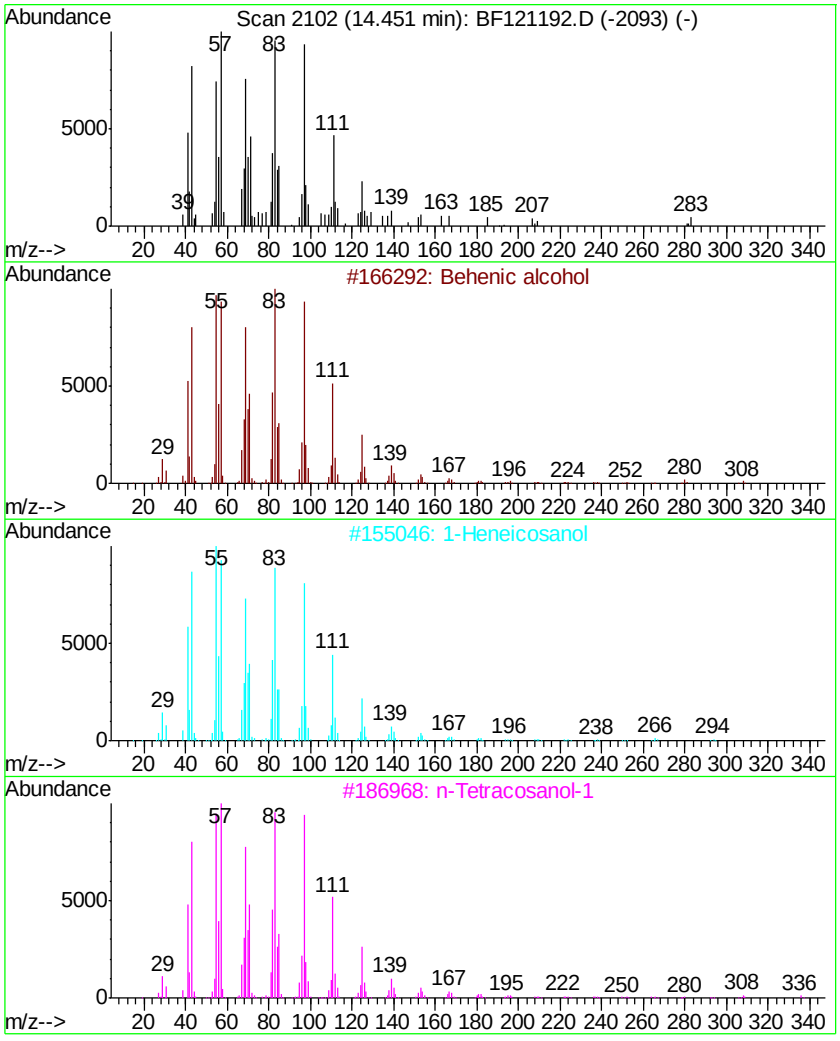
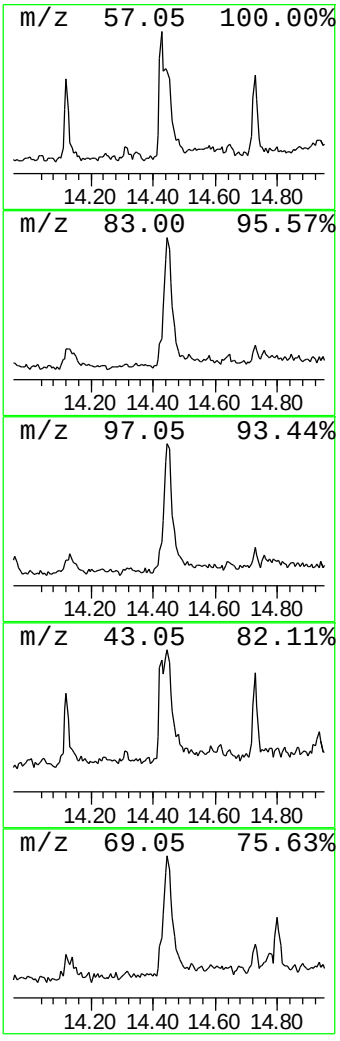
Peak Number 2 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	3.58 ng	217357	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4	1-Heptacosanol	396	C27H56O	002004-39-9	95
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94





Library Search Compound Report

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Operator : JU/CG
Sample : L3551-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1-DARK-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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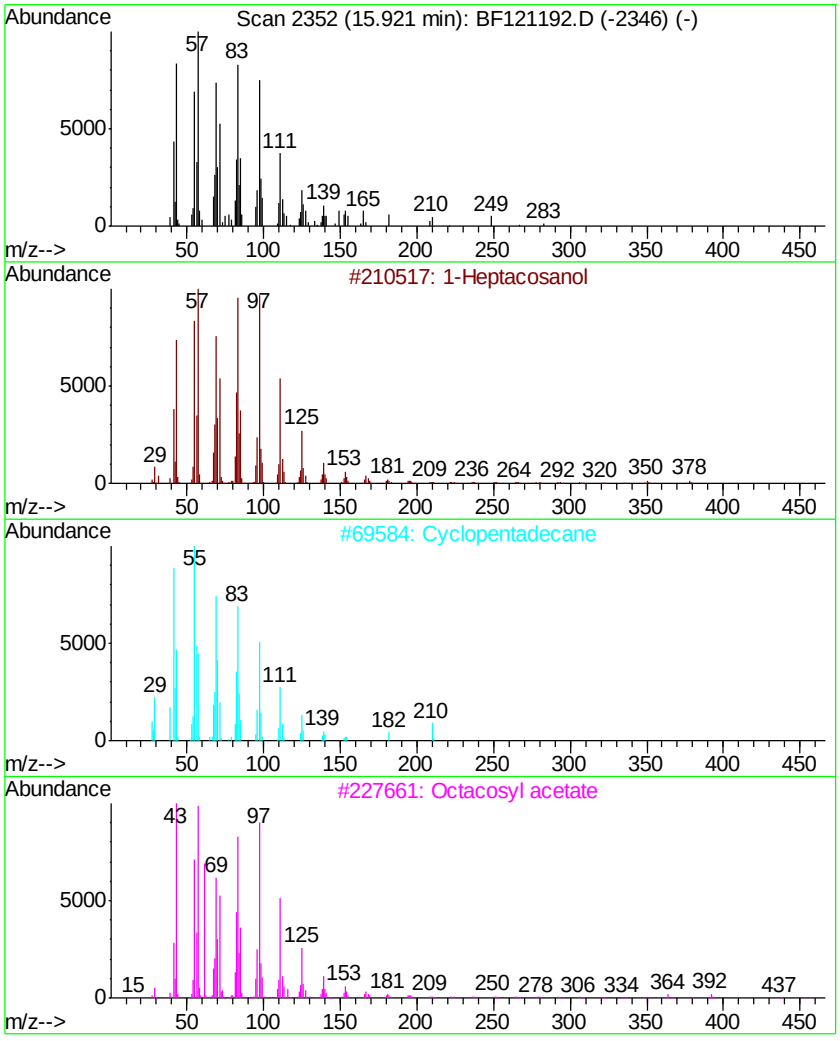
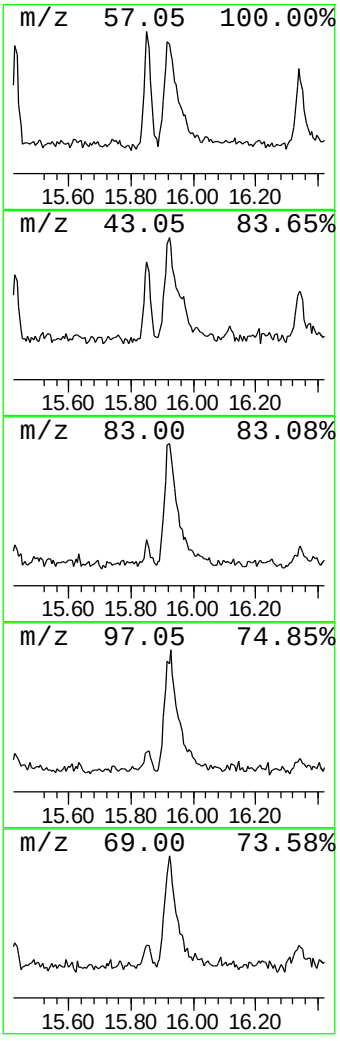
Peak Number 3 1-Heptacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	3.27 ng	207629	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	Cyclopentadecane	210	C15H30	000295-48-7	94
3	Octacosyl acetate	452	C30H60O2	018206-97-8	93
4	Octacosanol	410	C28H58O	000557-61-9	93
5	Heptacosyl acetate	438	C29H58O2	1000351-78-2	93





Library Search Compound Report

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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1-DARK-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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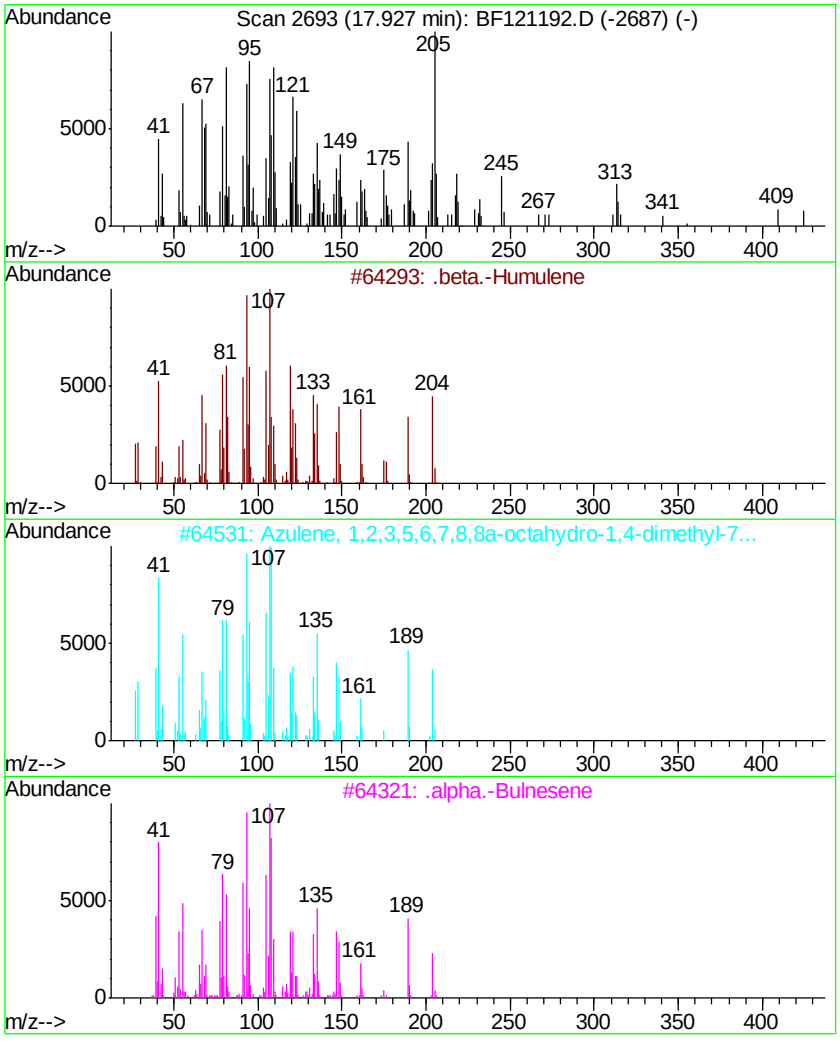
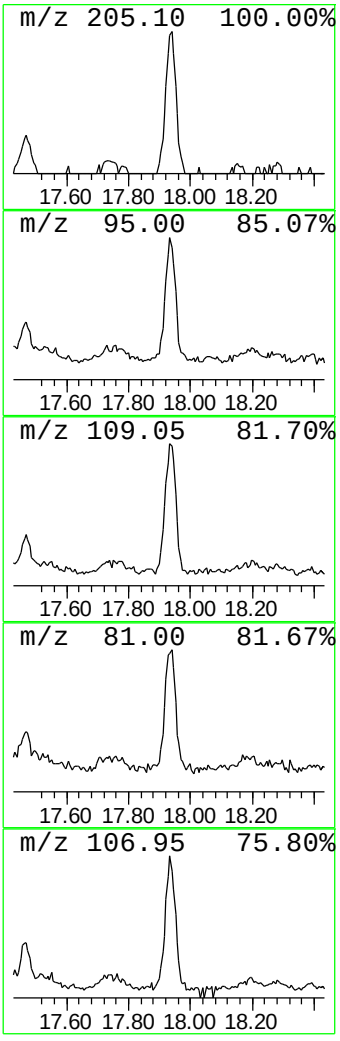
Peak Number 4 .beta.-Humulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	6.13 ng	389549	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Humulene	204	C15H24	000116-04-1	74
2	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	52
3	.alpha.-Bulnesene	204	C15H24	1000374-19-9	50
4	But-3-enal, 2-methyl-4-(2,6,6-tr...	206	C14H22O	104900-59-6	43
5	Azulene, 1,2,3,3a,4,5,6,7-octahy...	204	C15H24	022567-17-5	38





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1-DARK-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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
Cyclopentadecane	13.80	10.6	ng	640829	5	13.96	1214380	20.0
Behenic alcohol	14.45	3.6	ng	217357	5	13.96	1214380	20.0
1-Heptacosanol	15.92	3.3	ng	207629	6	15.41	1271550	20.0
.beta.-Humulene	17.93	6.1	ng	389549	6	15.41	1271550	20.0