LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108491.D
Acq On : 25 Aug 2018 4:56
Operator : JU/SJ
Sample : J4608-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLIFFWOOD-EMBANKMENT-FILL

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-BF080818.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	2.366	3	5	16	rVB	598916	670942	22.74%	2.328%
2	5.248	492	495	508	rVB	95613	117603	3.99%	0.408%
3	5.631	555	560	563	rBV	2814519	2571360	87.15%	8.922%
4	6.625	723	729	745	rBV	2497305	2833621	96.04%	9.832%
5	6.772	749	754	757	rBV	2963476	2746188	93.08%	9.528%
6	6.995	789	792	796	rBV	922519	808021	27.39%	2.804%
7	7.154	815	819	823	rBV	2490672	2117908	71.78%	7.348%
8	7.560	883	888	891	rBV	1827564	1776367	60.21%	6.163%
9	8.283	1006	1011	1014	rBV	1086946	984617	33.37%	3.416%
10	9.354	1189	1193	1196	rBV	3460177	2950350	100.00%	10.237%
11	9.742	1256	1259	1265	rBV	215927	197125	6.68%	0.684%
12	10.042	1306	1310	1314	rBV2	1220629	1078037	36.54%	3.740%
13	10.072	1314	1315	1320	rVB	58210	44456	1.51%	0.154%
14	10.836	1441	1445	1457	rBV	1592723	1520544	51.54%	5.276%
15	10.924	1457	1460	1465	rVB	31030	35083	1.19%	0.122%
16	11.536	1560	1564	1566	rBV	1150746	965167	32.71%	3.349%
17	11.560	1566	1568	1572	rVV	336366	271043	9.19%	0.940%
18	11.613	1574	1577	1581	rVB	53145	47130	1.60%	0.164%
19	11.771	1598	1604	1607	rBV	31521	37567	1.27%	0.130%
20	12.154	1665	1669	1676	rVB2	40740	47314	1.60%	0.164%
21	12.754	1768	1771	1775	rBV	435798	384591	13.04%	1.334%
22	12.989	1808	1811	1816	rVB	392122	343744	11.65%	1.193%
23	13.124	1829	1834	1837	rBV	2301696	2217827	75.17%	7.695%
24	13.313	1859	1866	1872	rBV2	60486	80358	2.72%	0.279%
25	13.377	1874	1877	1880	rBV	63293	61967	2.10%	0.215%
26	13.671	1924	1927	1930	rBV2	39128	34048	1.15%	0.118%
27	14.001	1979	1983	1990	rVB3	60034	72797	2.47%	0.253%
28	14.089	1990	1998	1999	rBV3	51516	103374	3.50%	0.359%
29	14.189	2010	2015	2018	rBV2	981057	1030642	34.93%	3.576%
30	14.212	2018	2019	2026	rVB	231788	178068	6.04%	0.618%
31	14.271	2026	2029	2031	rBV	46206	40301	1.37%	0.140%
32	14.295	2031	2033	2035	rBV	50647	38716	1.31%	0.134%
33	14.418	2050	2054	2058	rBV2	27193	34106	1.16%	0.118%
34	14.624	2084	2089	2093	rVB3	39882	46176	1.57%	0.160%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
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Acq On : 25 Aug 2018 4:56
Operator : JU/SJ
Sample : J4608-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLIFFWOOD-EMBANKMENT-FILL

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-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.948	2140	2144	2148	rVB2	39329	47552	1.61%	0.165%
36	15.030	2155	2158	2163	rVB	78691	84818	2.87%	0.294%
37	15.277	2195	2200	2203	rBV	225501	370625	12.56%	1.286%
38	15.301	2203	2204	2210	rVB2	132968	140448	4.76%	0.487%
39	15.395	2216	2220	2225	rBV	38370	47918	1.62%	0.166%
40	15.606	2251	2256	2262	rVB	138912	191288	6.48%	0.664%
41	15.671	2263	2267	2272	rBV	191704	251027	8.51%	0.871%
42	15.742	2272	2279	2283	rBV	571863	777583	26.36%	2.698%
43	16.189	2351	2355	2361	rBV3	28132	47583	1.61%	0.165%
44	17.348	2545	2552	2558	rBV2	76635	161353	5.47%	0.560%
45	17.836	2628	2635	2648	rBV2	62410	169149	5.73%	0.587%
46	18.100	2675	2680	2687	rBV3	18002	44464	1.51%	0.154%

Sum of corrected areas: 28820966

LSC Report - Integrated Chromatogram

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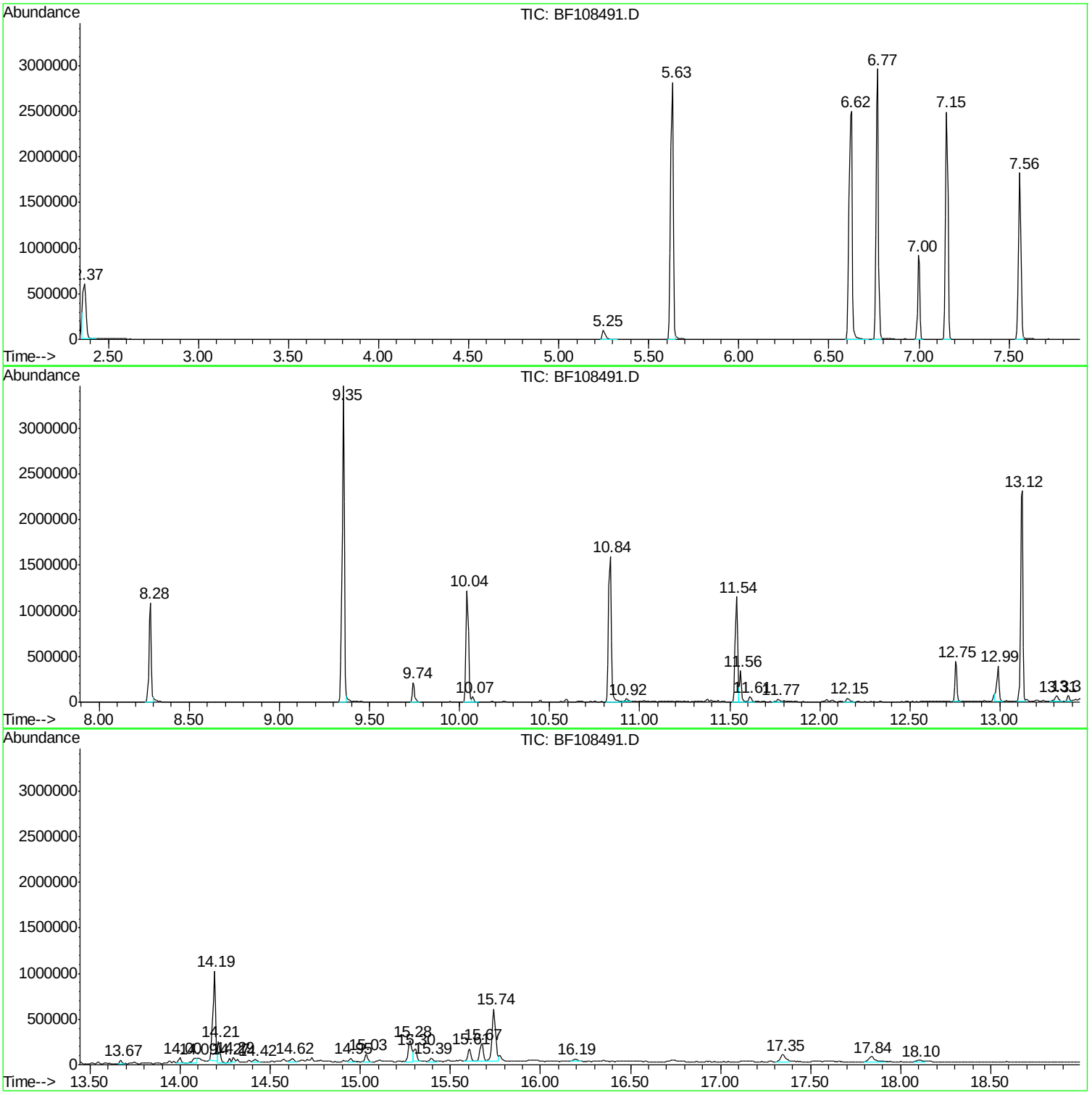
Data File : BF108491.D
Acq On : 25 Aug 2018 4:56
Operator : JU/SJ
Sample : J4608-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CLIFFWOOD-EMBANKMENT-FILL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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\BF082418\
Data File : BF108491.D
Acq On : 25 Aug 2018 4:56
Operator : JU/SJ
Sample : J4608-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLIFFWOOD-EMBANKMENT-FILL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

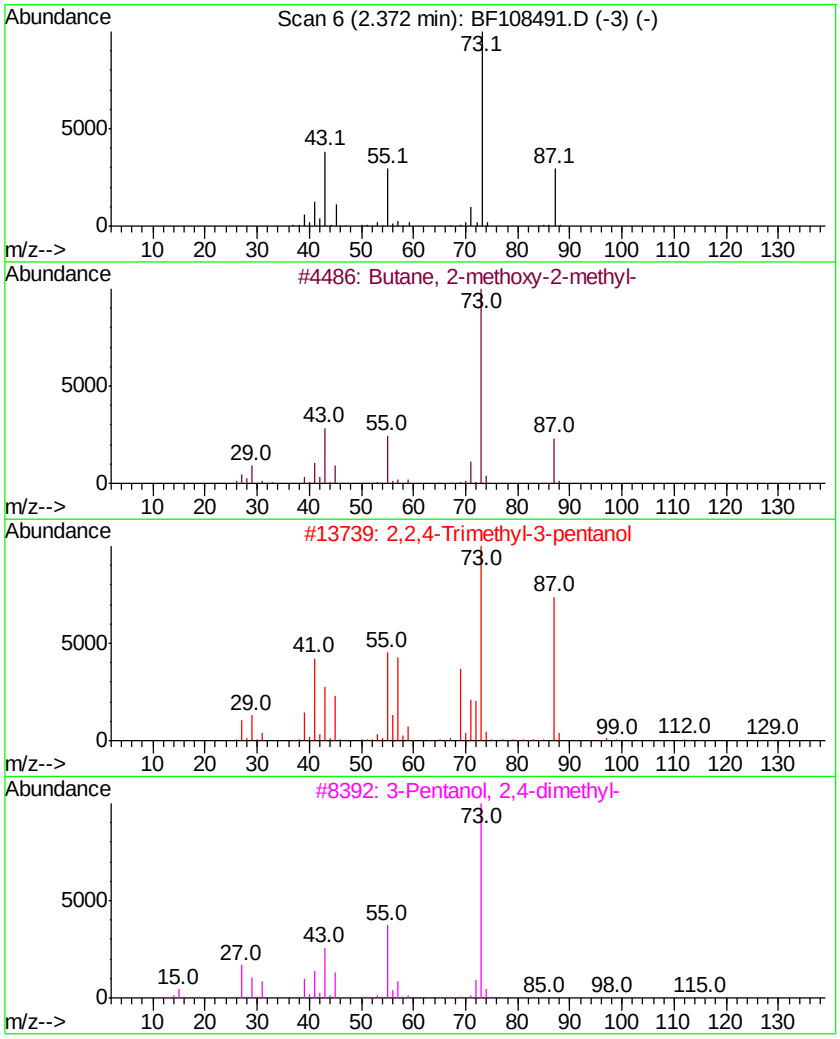
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

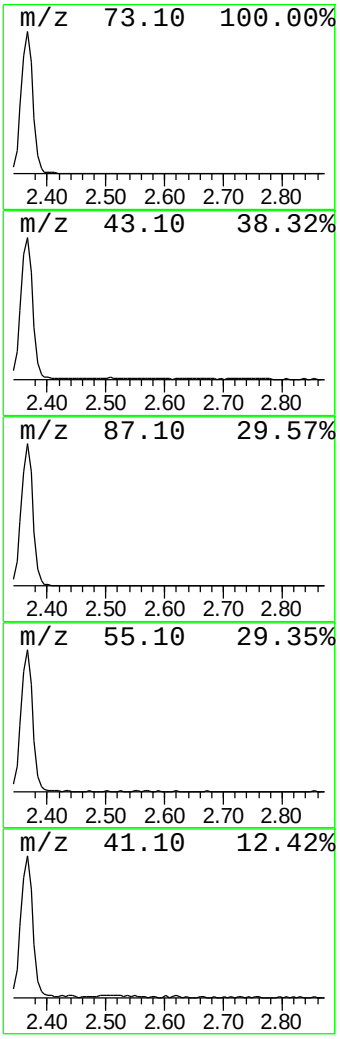
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.37	16.61 ng	670942	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108491.D
Acq On : 25 Aug 2018 4:56
Operator : JU/SJ
Sample : J4608-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLIFFWOOD-EMBANKMENT-FILL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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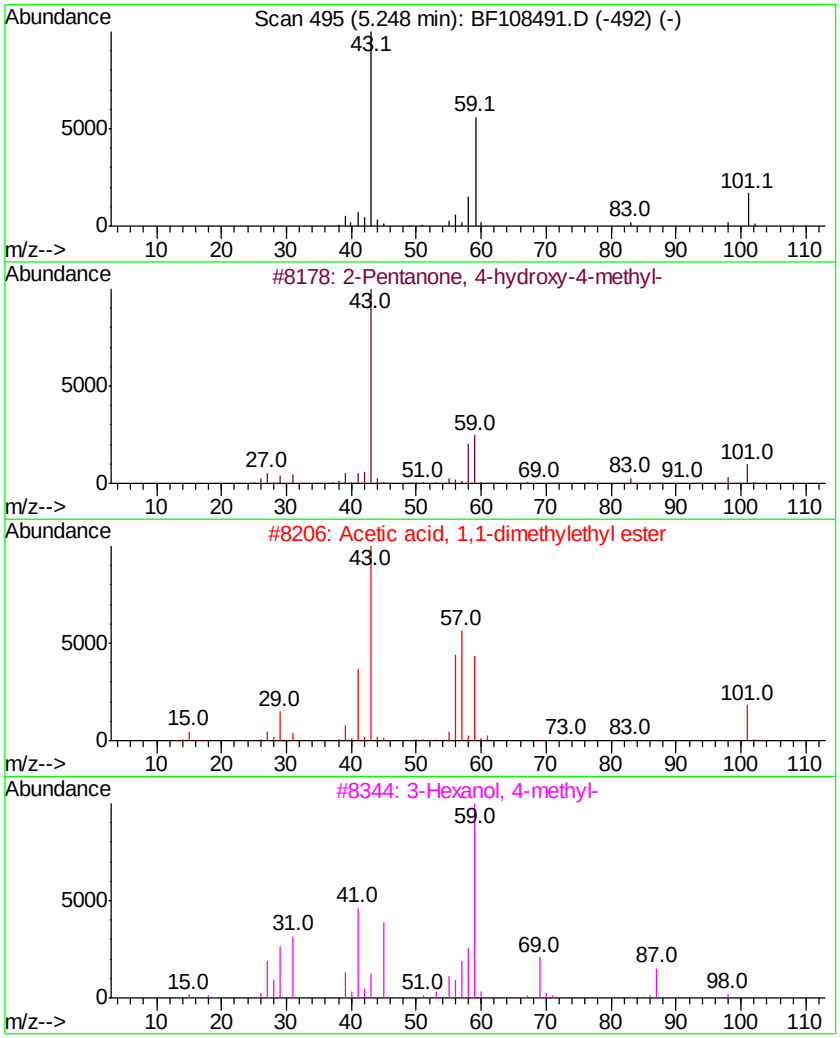
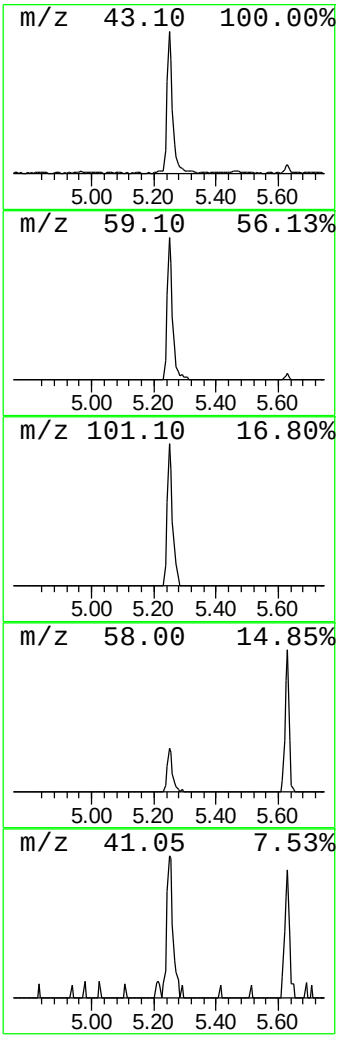
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	2.91 ng	117603	1,4-Dichlorobenzene-d4	7.00

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Library Search Compound Report

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Data File : BF108491.D
Acq On : 25 Aug 2018 4:56
Operator : JU/SJ
Sample : J4608-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CLIFFWOOD-EMBANKMENT-FILL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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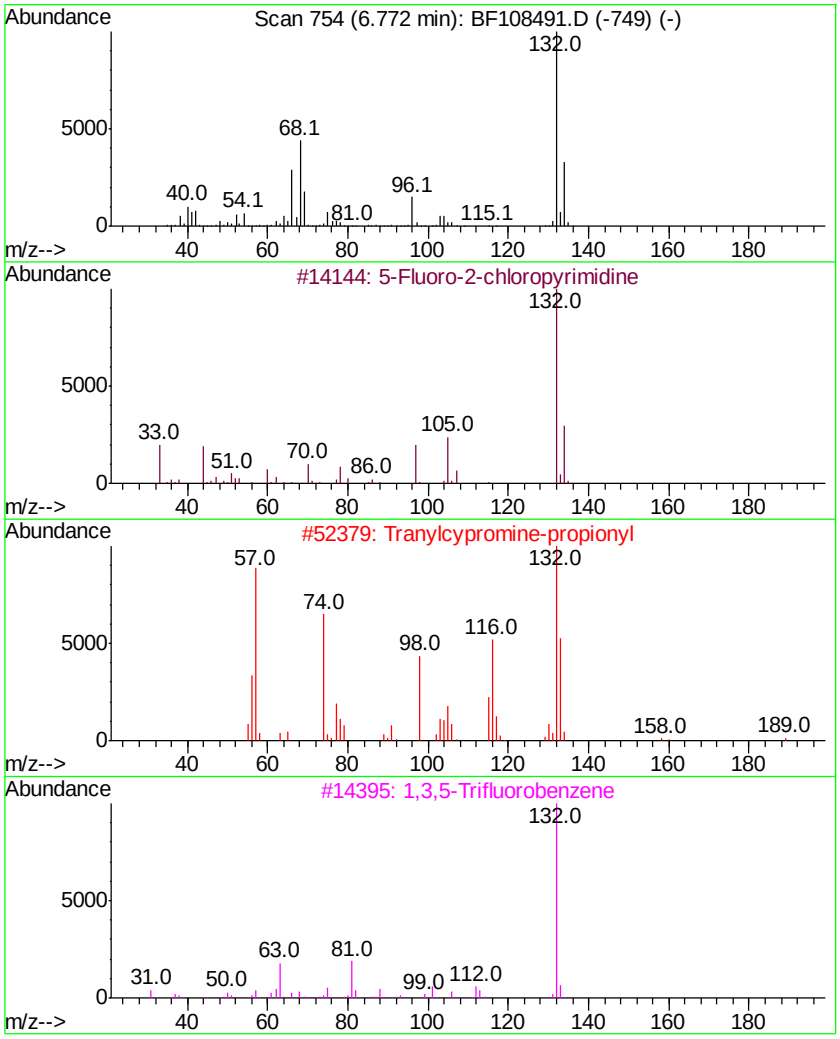
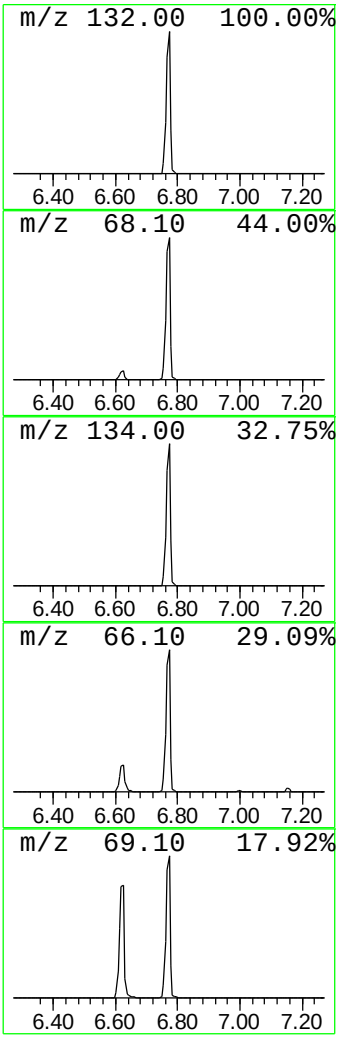
Peak Number 3 unknown6.77 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	67.97 ng	2746190	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CLIFFWOOD-EMBANKMENT-FILL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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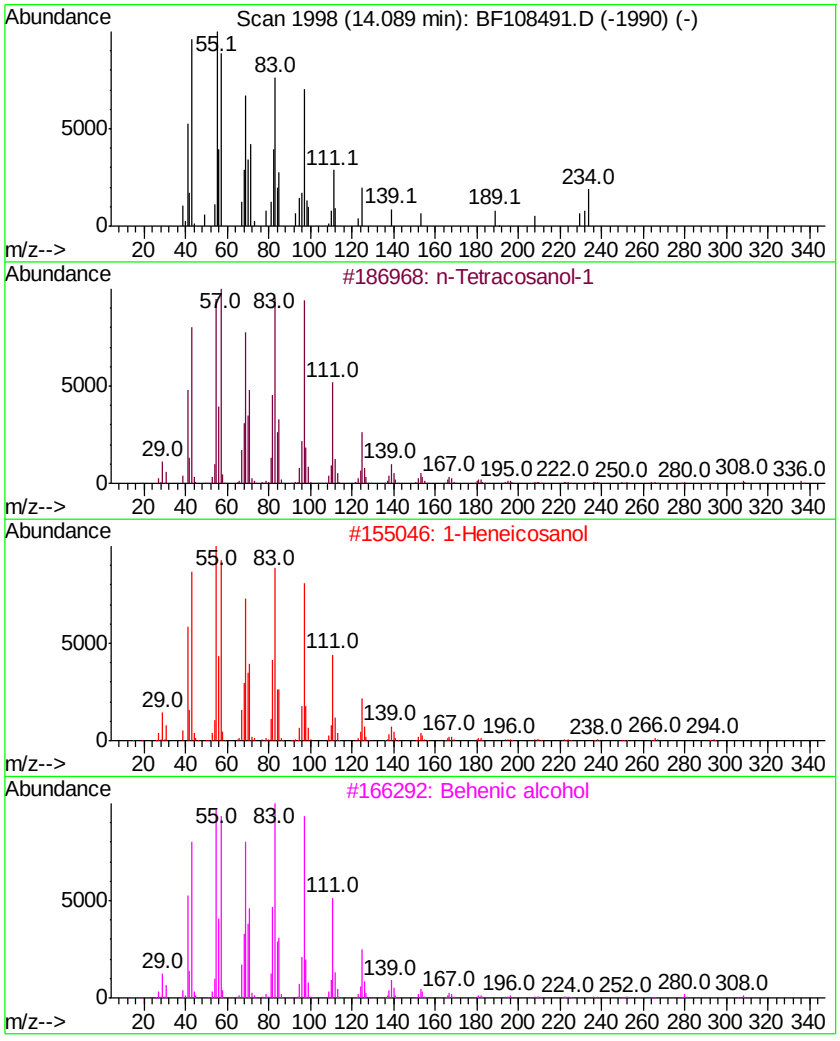
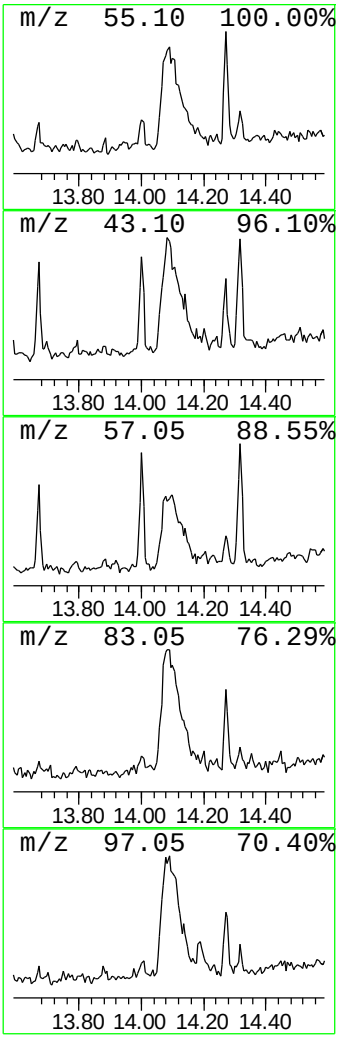
Peak Number 5 n-Tetracosanol-1 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	2.01 ng	103374	Chrysene-d12	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	91
3	Behenic alcohol	326	C22H46O	000661-19-8	90
4	1-Heptacosanol	396	C27H56O	002004-39-9	90
5	Octacosanol	410	C28H58O	000557-61-9	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108491.D
Acq On : 25 Aug 2018 4:56
Operator : JU/SJ
Sample : J4608-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CLIFFWOOD-EMBANKMENT-FILL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

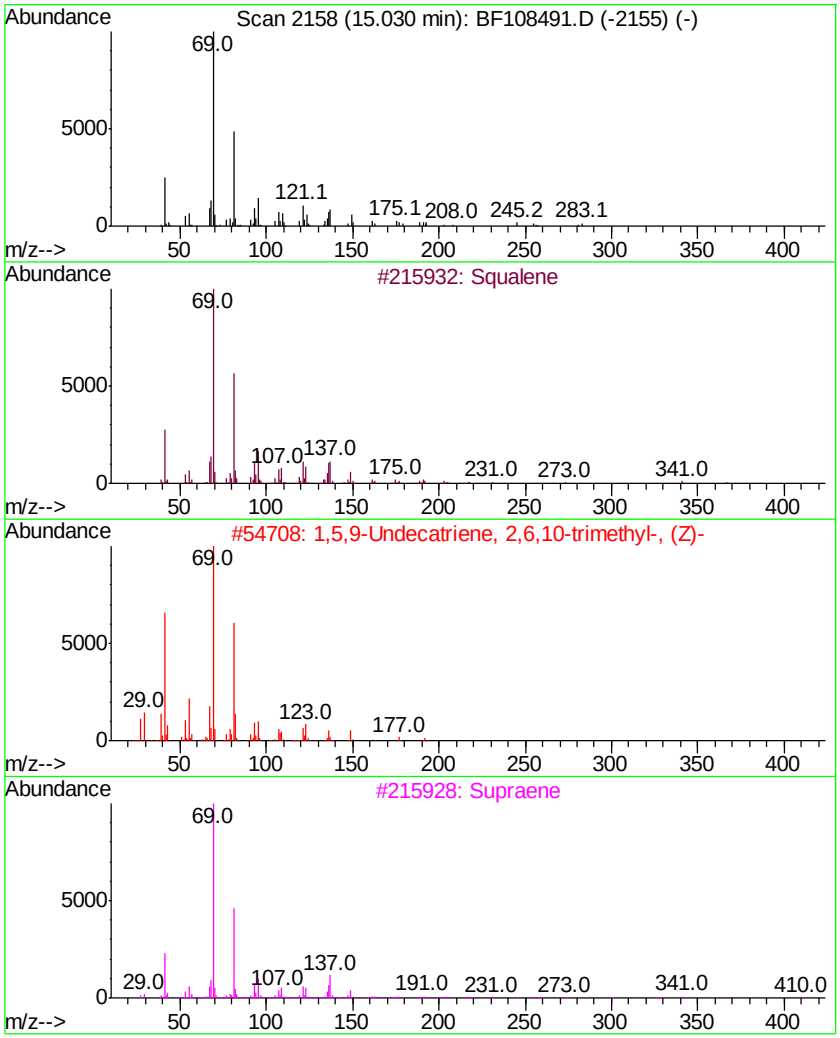
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

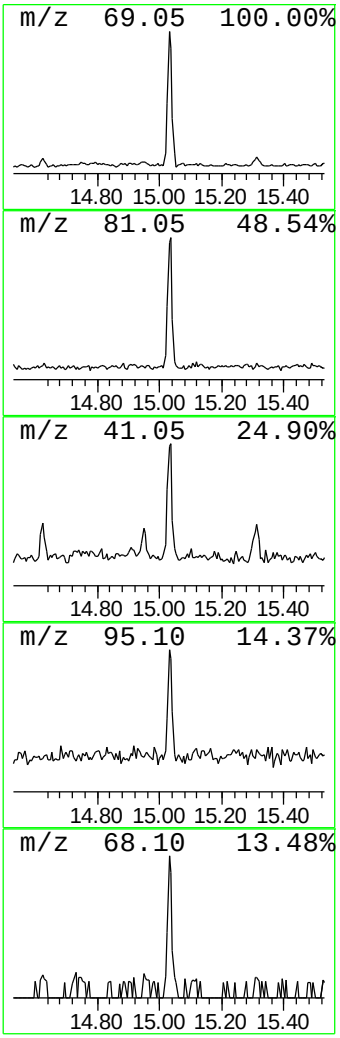
****

Peak Number 6 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	2.18 ng	84818	Perylene-d12	15.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	87
3	Supraene	410	C30H50	007683-64-9	86
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
5	1,3-Dioxolan-2-one, 3-methyl-3-(...	264	C16H24O3	336879-76-6	59





Library Search Compound Report

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Data File : BF108491.D
Acq On : 25 Aug 2018 4:56
Operator : JU/SJ
Sample : J4608-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLIFFWOOD-EMBANKMENT-FILL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

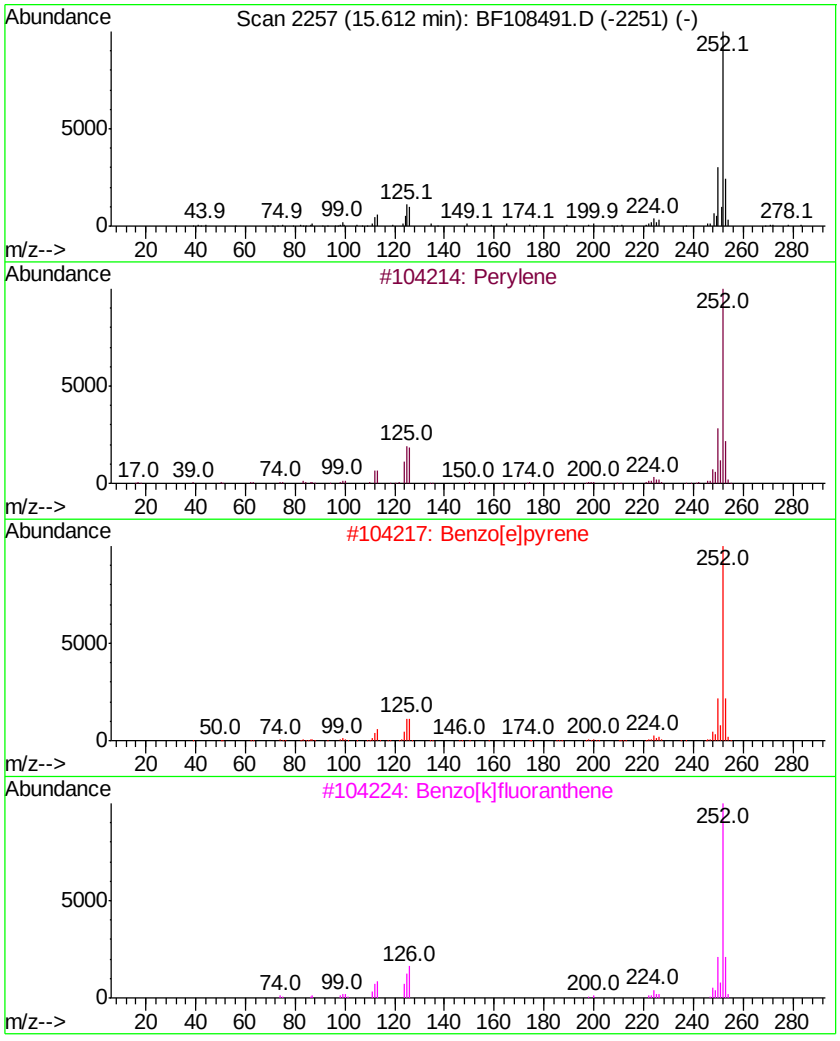
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

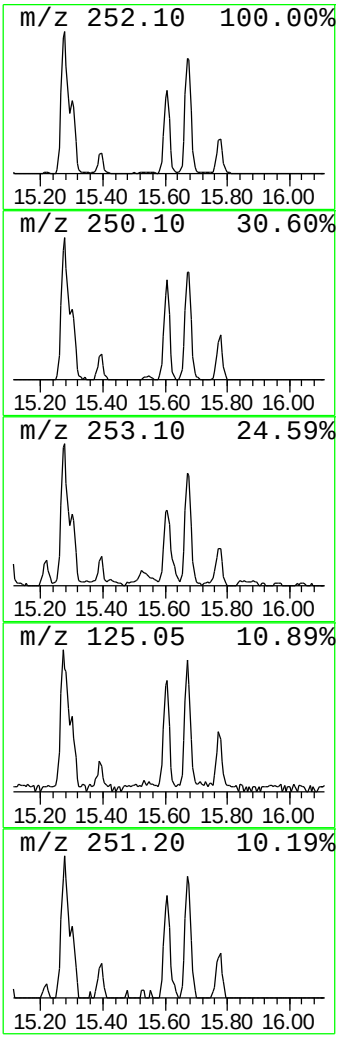
****

Peak Number 7 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	4.92 ng	191288	Perylene-d12	15.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082418\
Data File : BF108491.D
Acq On : 25 Aug 2018 4:56
Operator : JU/SJ
Sample : J4608-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLIFFWOOD-EMBANKMENT-FILL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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
Butane, 2-methoxy...	2.37	16.6	ng	670942	1	7.00	808021	20.0
2-Pentanone, 4-hy...	5.25	2.9	ng	117603	1	7.00	808021	20.0
unknown6.77	6.77	68.0	ng	2746190	1	7.00	808021	20.0
n-Tetracosanol-1	14.09	2.0	ng	103374	5	14.19	1030640	20.0
Squalene	15.03	2.2	ng	84818	6	15.74	777583	20.0
Perylene	15.61	4.9	ng	191288	6	15.74	777583	20.0