LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108472.D
Acq On : 24 Aug 2018 19:20
Operator : JU/SJ
Sample : J4581-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q3-B4

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	2.378	3	7	19	rVB	1014425	1374361	37.29%	4.188%
2	5.254	492	496	504	rBV	110897	144044	3.91%	0.439%
3	5.631	555	560	563	rBV	3160573	2992060	81.18%	9.117%
4	6.625	723	729	742	rBV	3074439	3290292	89.27%	10.026%
5	6.772	749	754	757	rBV	3372353	3206706	87.00%	9.771%
6	6.995	789	792	796	rBV	863268	818511	22.21%	2.494%
7	7.154	815	819	823	rBV	2535371	2288447	62.09%	6.973%
8	7.560	883	888	891	rBV	2045481	2115007	57.38%	6.445%
9	8.283	1006	1011	1014	rBV	1162403	1022500	27.74%	3.116%
10	9.354	1188	1193	1197	rBV	3783218	3685705	100.00%	11.231%
11	9.742	1256	1259	1265	rBV	325477	311909	8.46%	0.950%
12	10.042	1306	1310	1314	rBV2	1364604	1209119	32.81%	3.684%
13	10.836	1440	1445	1454	rBV	2553738	2454399	66.59%	7.479%
14	10.924	1457	1460	1466	rVB	37119	44643	1.21%	0.136%
15	11.536	1560	1564	1567	rBV	1391475	1225680	33.25%	3.735%
16	11.560	1567	1568	1572	rVB	92487	62953	1.71%	0.192%
17	12.042	1646	1650	1652	rBV	119526	101235	2.75%	0.308%
18	12.754	1768	1771	1775	rBV	97132	87219	2.37%	0.266%
19	12.989	1804	1811	1817	rBV2	104343	167390	4.54%	0.510%
20	13.124	1829	1834	1837	rBV	3743503	3283157	89.08%	10.004%
21	13.330	1858	1869	1872	rBV2	68560	75628	2.05%	0.230%
22	13.671	1923	1927	1930	rBV2	106087	92859	2.52%	0.283%
23	14.001	1980	1983	1986	rBV	111181	91710	2.49%	0.279%
24	14.060	1986	1993	2006	rBV6	75695	285586	7.75%	0.870%
25	14.189	2011	2015	2018	rBV	898518	797222	21.63%	2.429%
26	14.318	2031	2037	2040	rBV	120863	112812	3.06%	0.344%
27	14.624	2085	2089	2092	rBV	115918	102106	2.77%	0.311%
28	14.948	2139	2144	2150	rVB2	110896	136726	3.71%	0.417%
29	15.277	2195	2200	2202	rBV2	24769	40729	1.11%	0.124%
30	15.312	2202	2206	2212	rVB2	87946	114034	3.09%	0.347%
31	15.742	2271	2279	2289	rBV	544855	841375	22.83%	2.564%
32	16.195	2351	2356	2362	rVB	72970	113439	3.08%	0.346%
33	16.742	2445	2449	2454	rBV3	33831	58762	1.59%	0.179%
34	17.395	2548	2560	2566	rBV6	21332	69153	1.88%	0.211%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108472.D
Acq On : 24 Aug 2018 19:20
Operator : JU/SJ
Sample : J4581-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-B4

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

Sum of corrected areas: 32817478

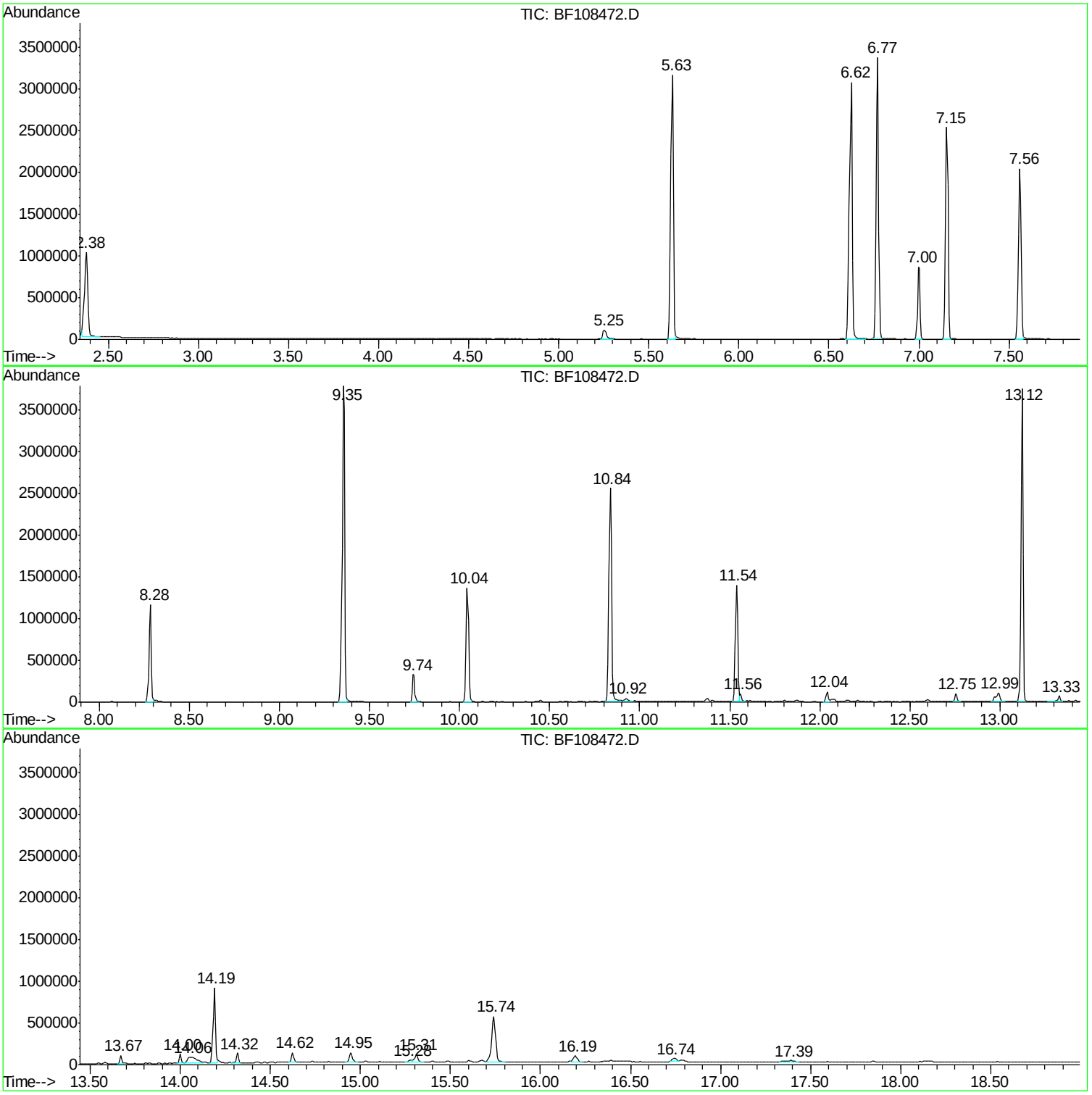
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108472.D
Acq On : 24 Aug 2018 19:20
Operator : JU/SJ
Sample : J4581-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q3-B4

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108472.D
Acq On : 24 Aug 2018 19:20
Operator : JU/SJ
Sample : J4581-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q3-B4

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

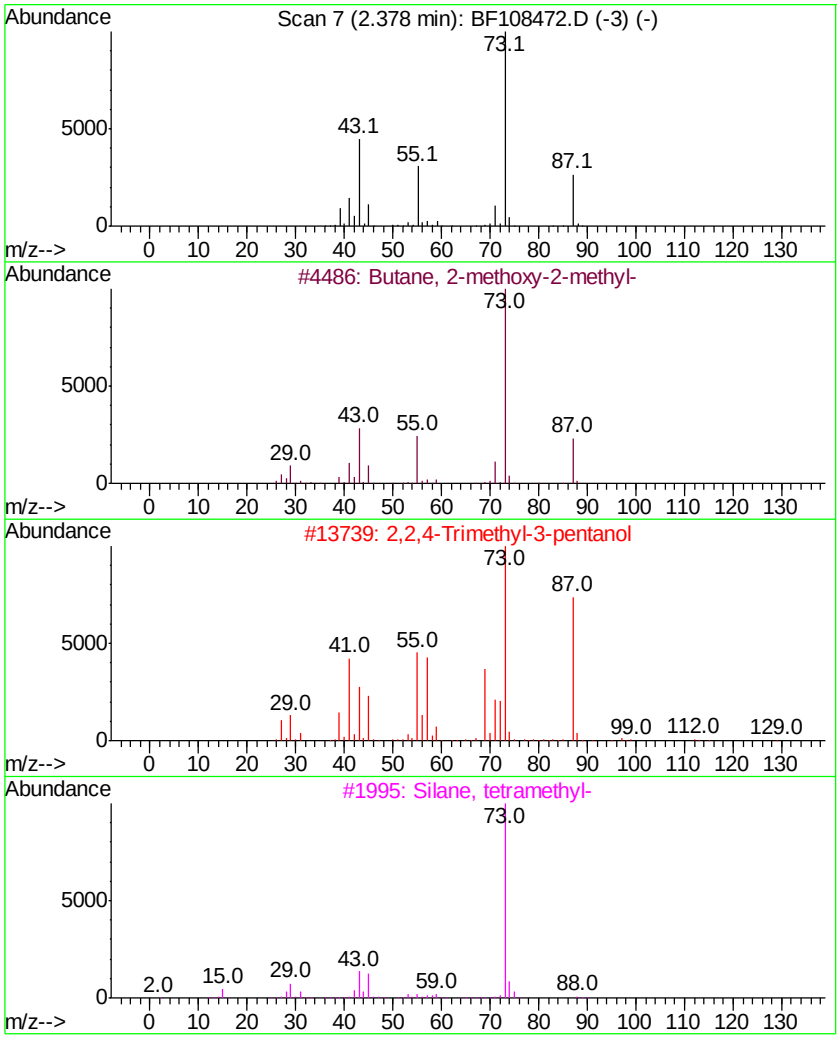
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

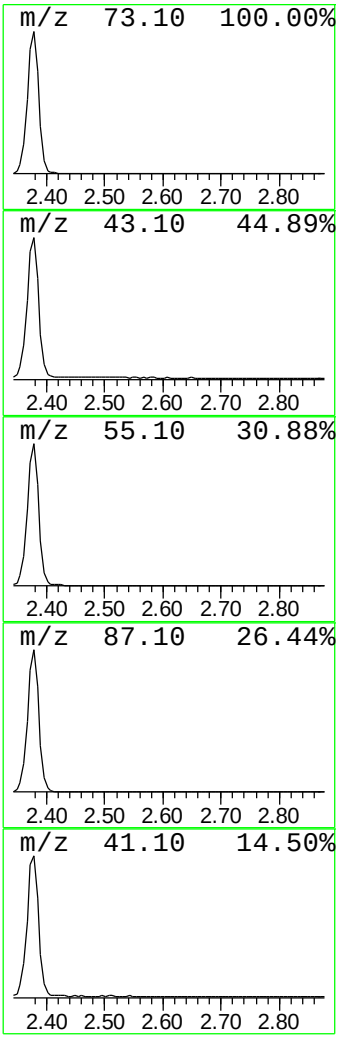
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.38	33.58 ng	1374360	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	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108472.D
Acq On : 24 Aug 2018 19:20
Operator : JU/SJ
Sample : J4581-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q3-B4

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

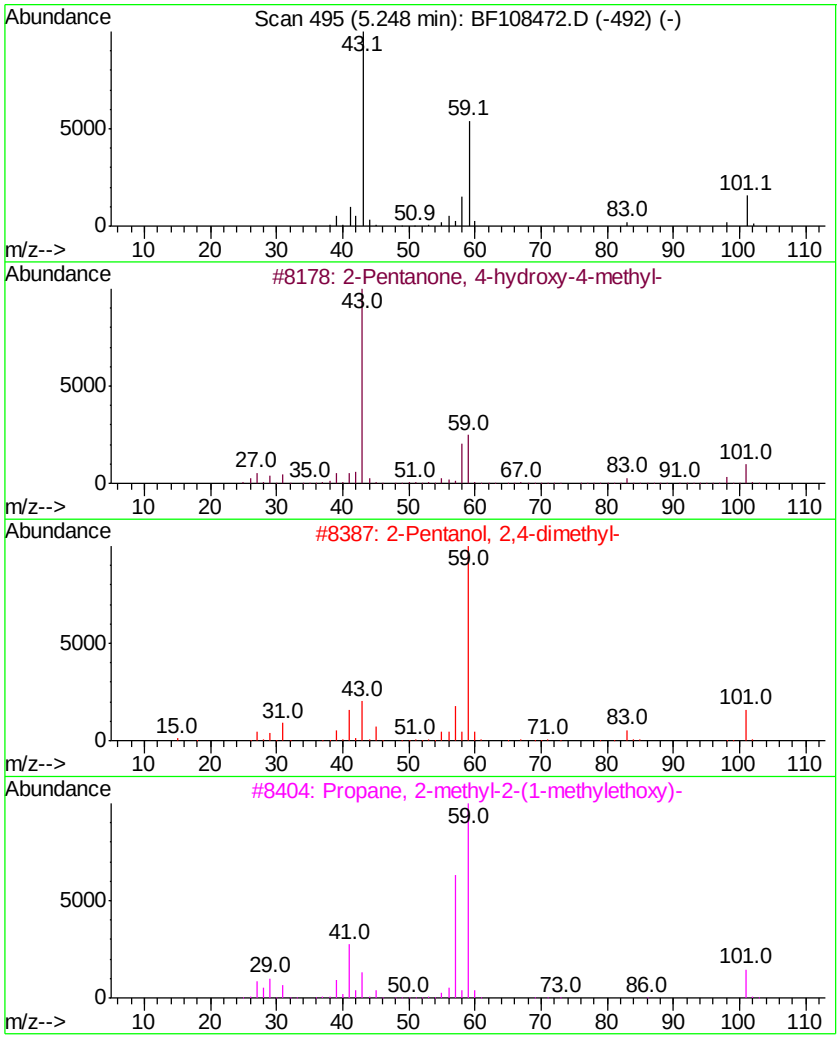
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

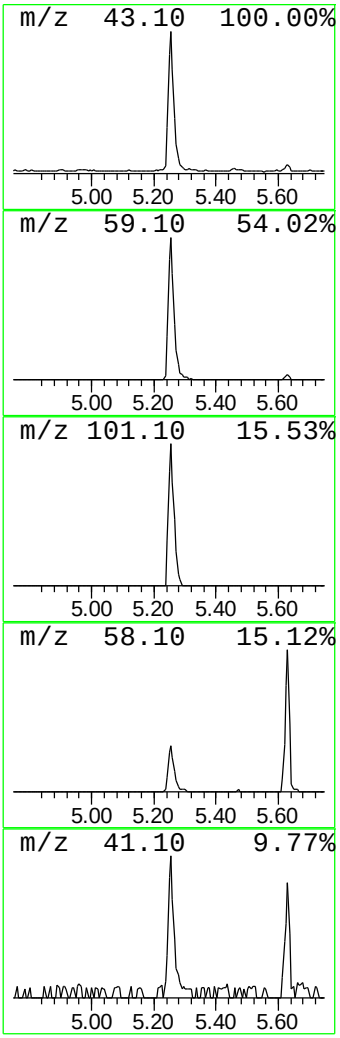
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	3.52 ng	144044	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	64
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	40
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108472.D
Acq On : 24 Aug 2018 19:20
Operator : JU/SJ
Sample : J4581-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q3-B4

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

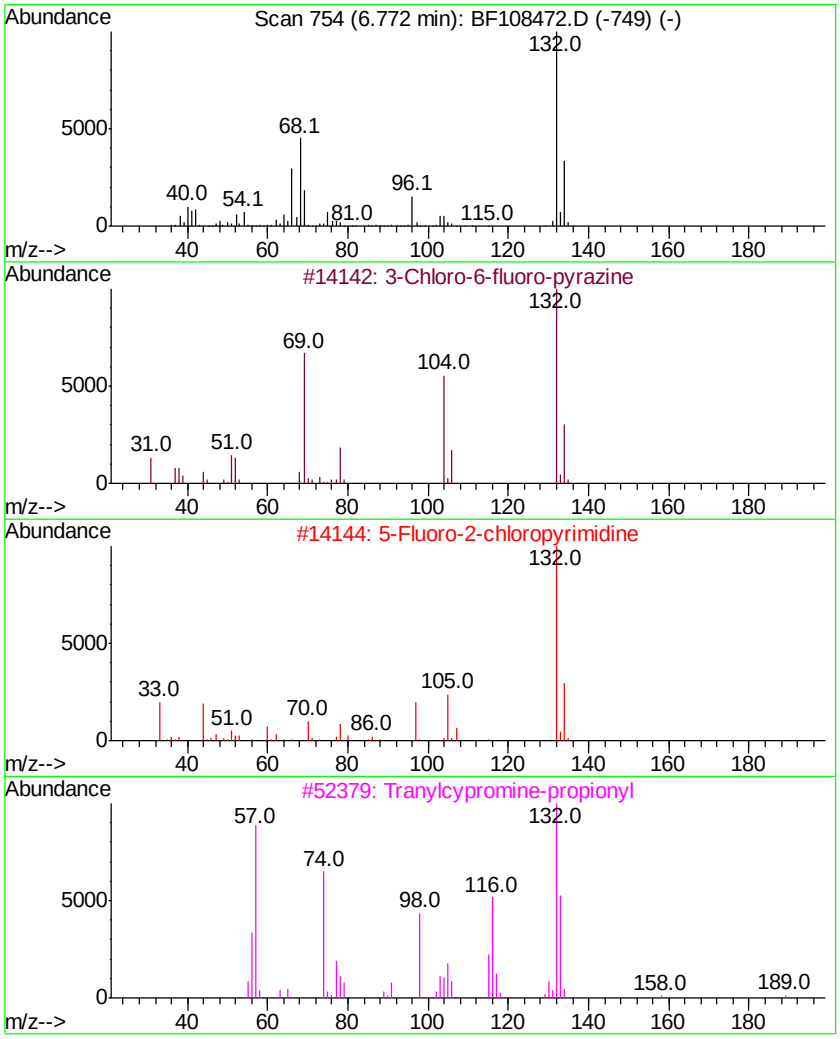
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

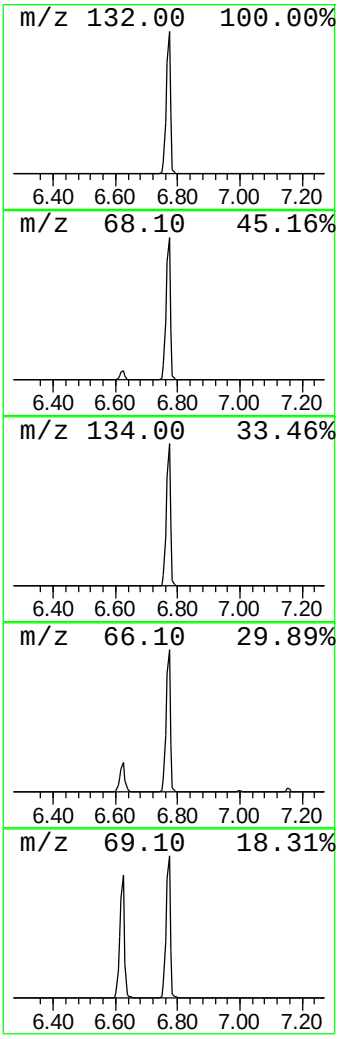
****

Peak Number 3 unknown6.77 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	78.35 ng	3206710	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108472.D
Acq On : 24 Aug 2018 19:20
Operator : JU/SJ
Sample : J4581-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q3-B4

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

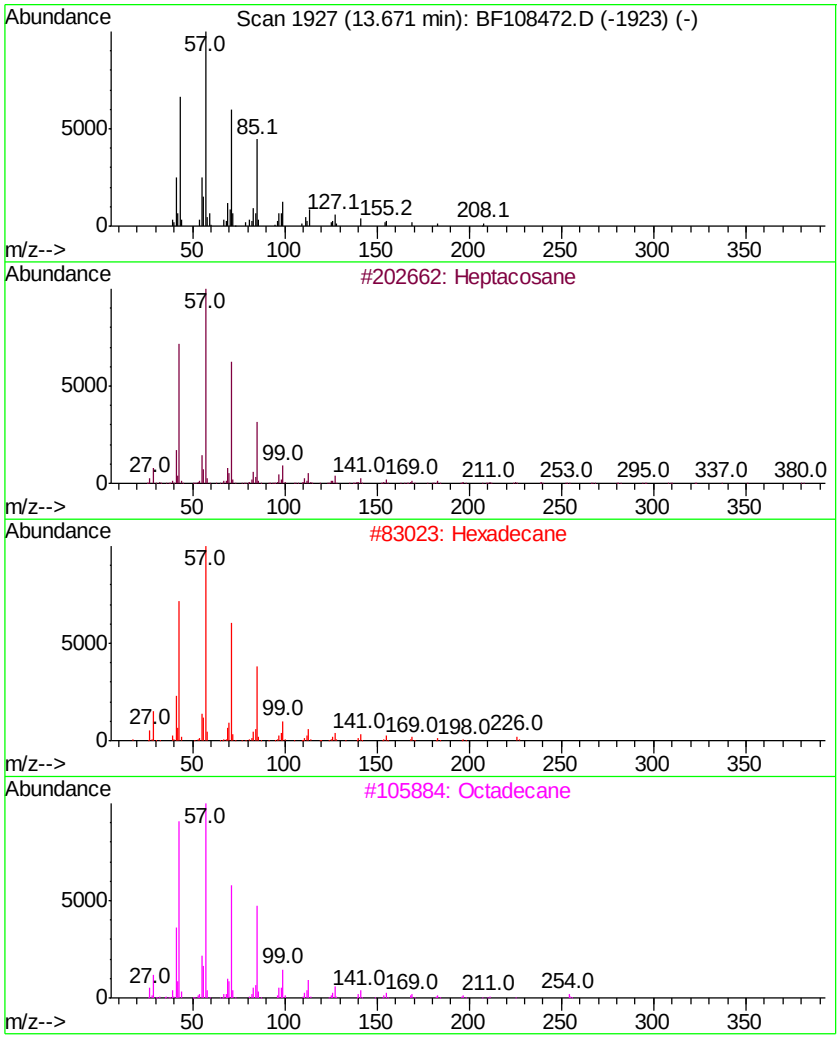
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

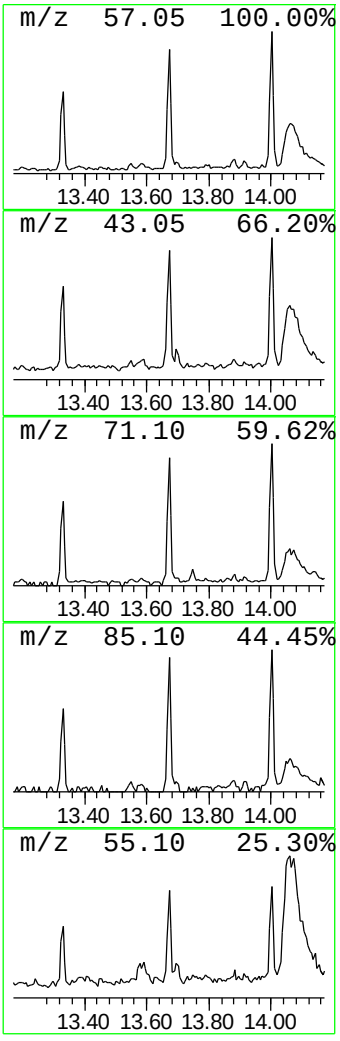
****

Peak Number 5 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	2.33 ng	92859	Chrysene-d12	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptadecane	240	C17H36	000629-78-7	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108472.D
Acq On : 24 Aug 2018 19:20
Operator : JU/SJ
Sample : J4581-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q3-B4

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

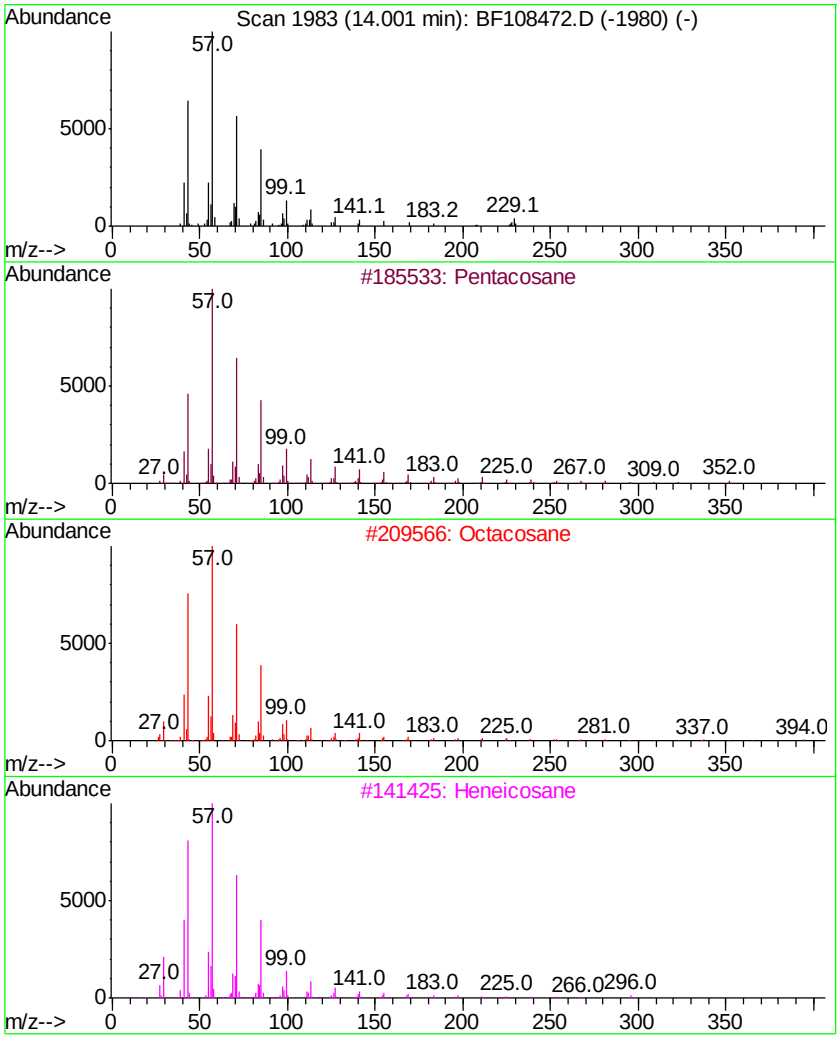
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

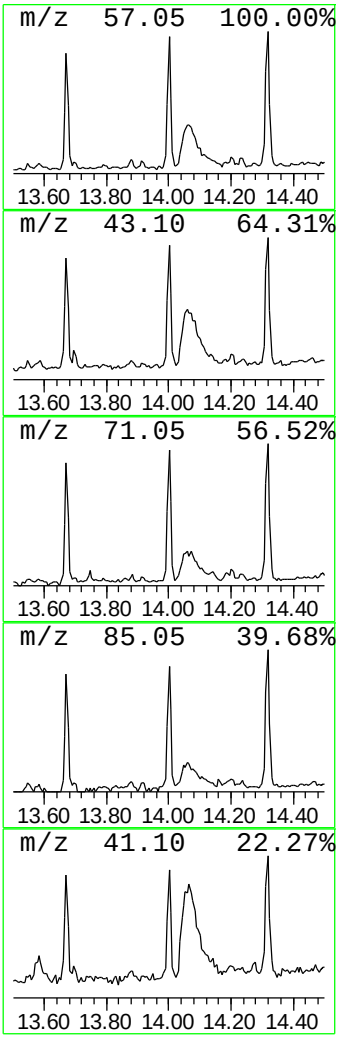
****

Peak Number 6 Pentacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	2.30 ng	91710	Chrysene-d12	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octadecane	254	C18H38	000593-45-3	90
5	Heptacosane	380	C27H56	000593-49-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108472.D
Acq On : 24 Aug 2018 19:20
Operator : JU/SJ
Sample : J4581-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q3-B4

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

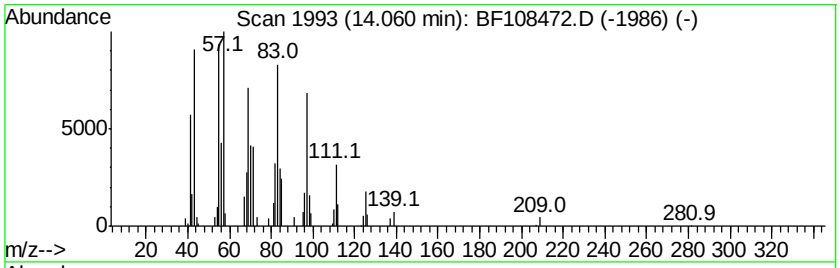
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

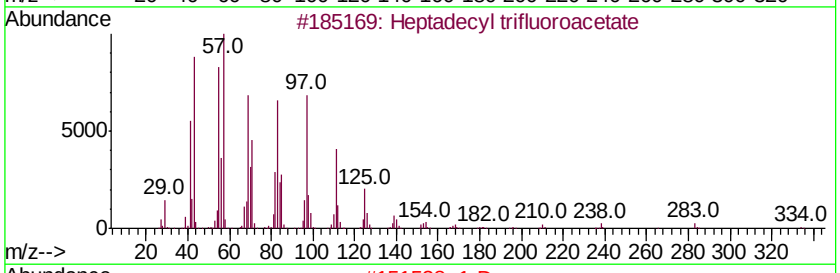
****

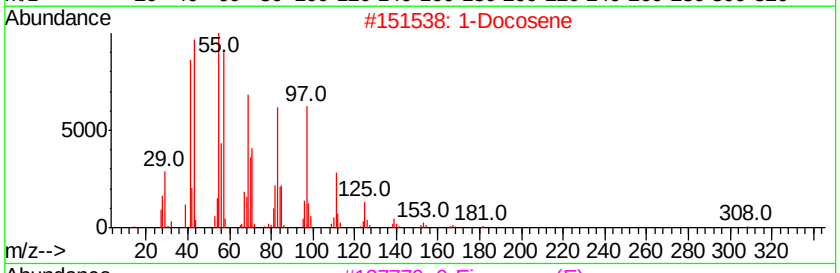
Peak Number 7 Heptadecyl trifluoroacetate Concentration Rank 4

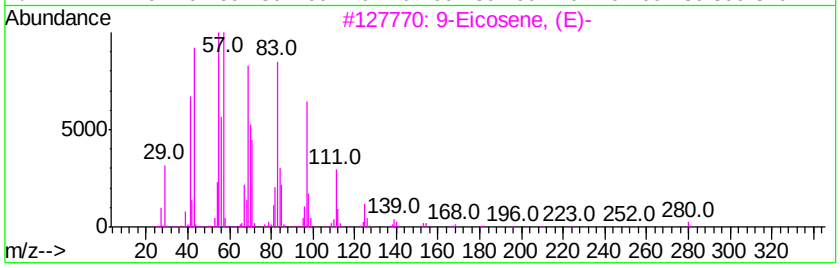
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	7.16 ng	285586	Chrysene-d12	14.19

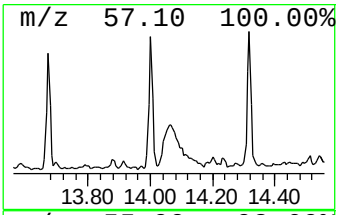
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
2	1-Docosene	308	C22H44	001599-67-3	94
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	91

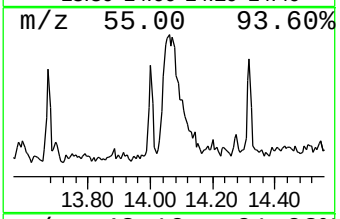


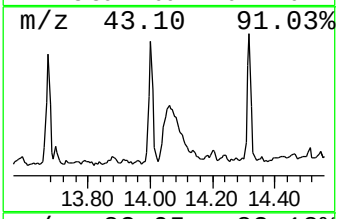


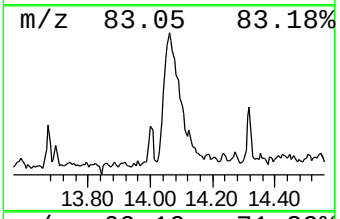


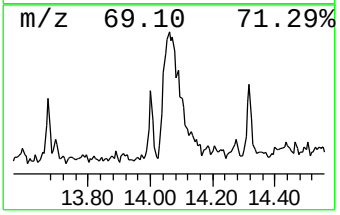












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108472.D
Acq On : 24 Aug 2018 19:20
Operator : JU/SJ
Sample : J4581-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q3-B4

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

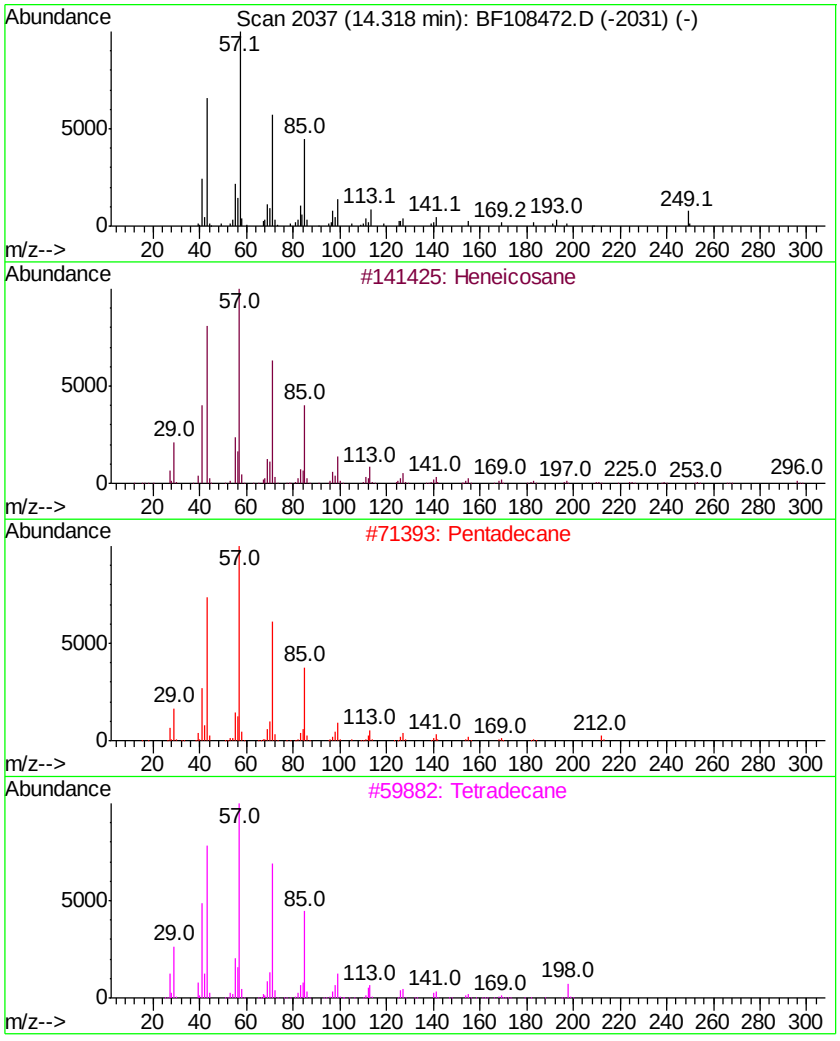
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

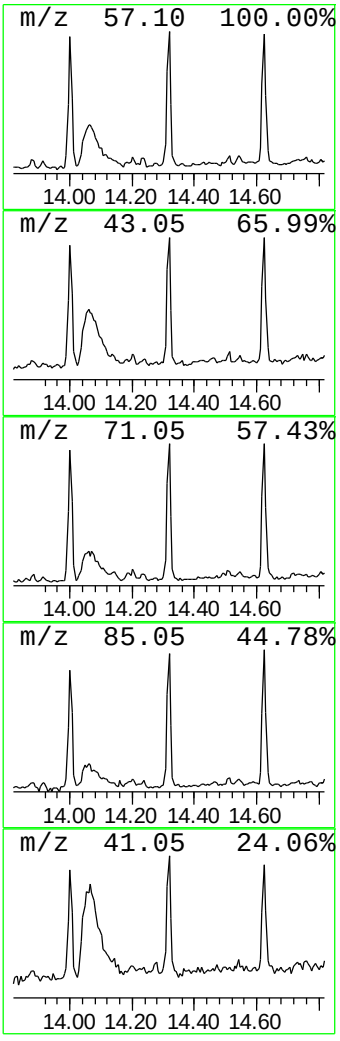
****

Peak Number 8 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	2.83 ng	112812	Chrysene-d12	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Pentadecane	212	C15H32	000629-62-9	87
3	Tetradecane	198	C14H30	000629-59-4	87
4	Octadecane	254	C18H38	000593-45-3	87
5	Hexadecane	226	C16H34	000544-76-3	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108472.D
Acq On : 24 Aug 2018 19:20
Operator : JU/SJ
Sample : J4581-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q3-B4

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

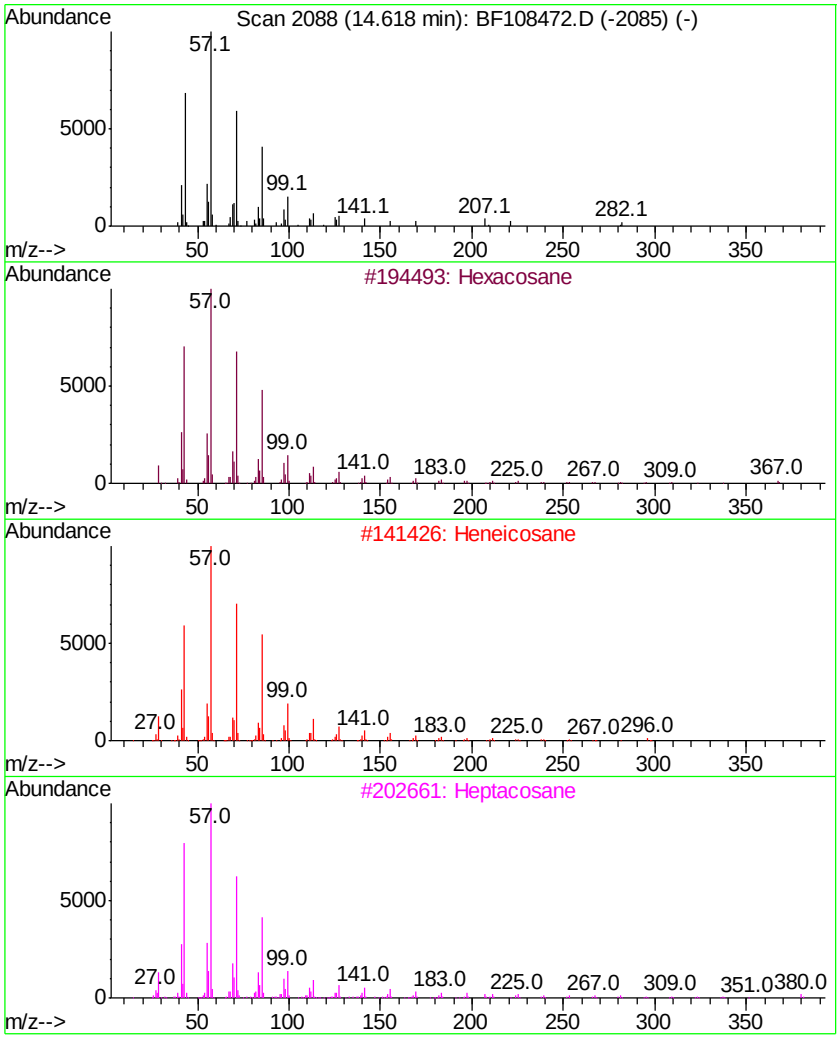
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

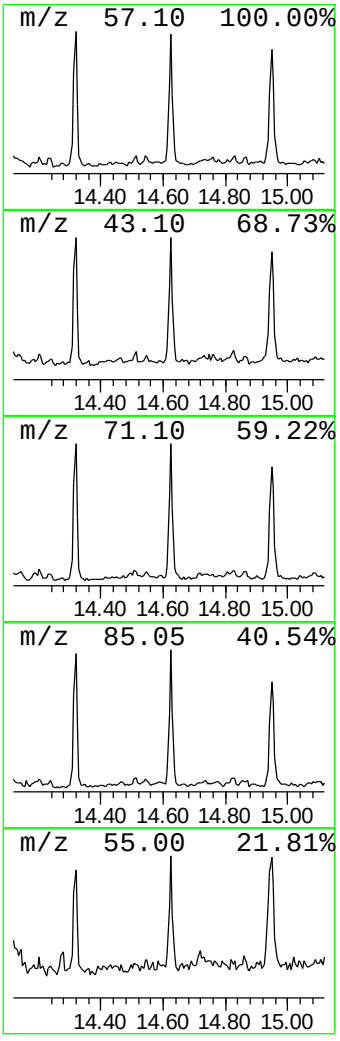
****

Peak Number 9 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	2.56 ng	102106	Chrysene-d12	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Octacosane	394	C28H58	000630-02-4	87





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Data File : BF108472.D
Acq On : 24 Aug 2018 19:20
Operator : JU/SJ
Sample : J4581-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q3-B4

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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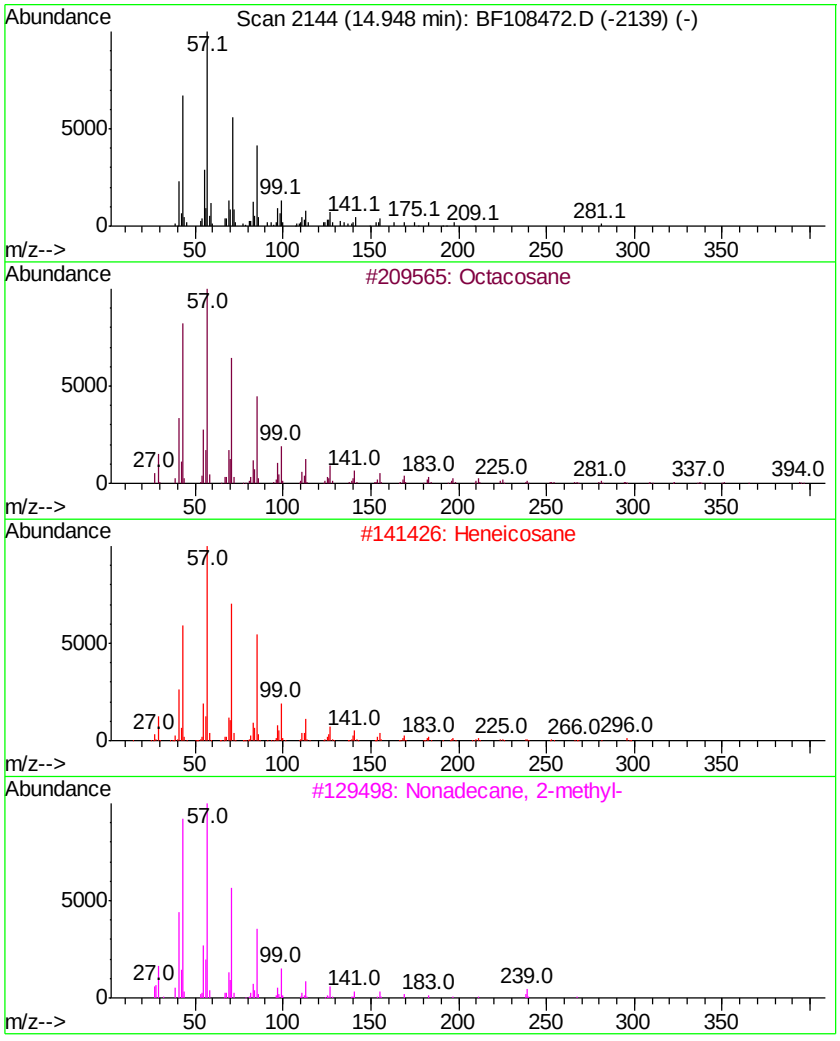
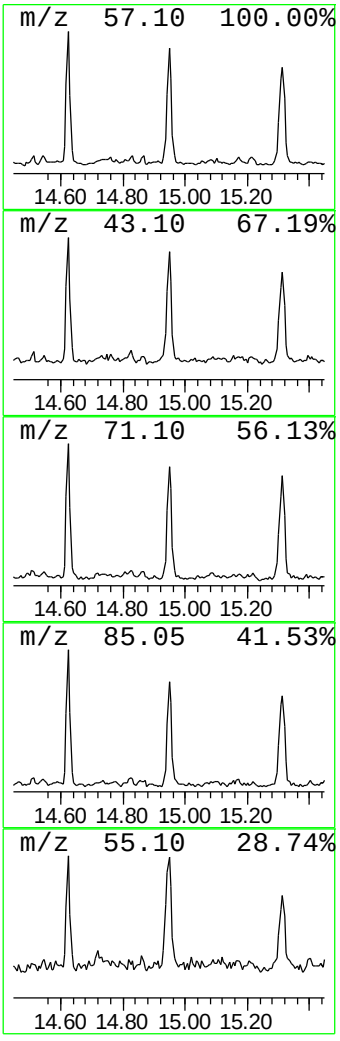
Peak Number 10 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	3.43 ng	136726	Chrysene-d12	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	86
4	Hexatriacontane	507	C36H74	000630-06-8	83
5	Tetracosane	338	C24H50	000646-31-1	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108472.D
Acq On : 24 Aug 2018 19:20
Operator : JU/SJ
Sample : J4581-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q3-B4

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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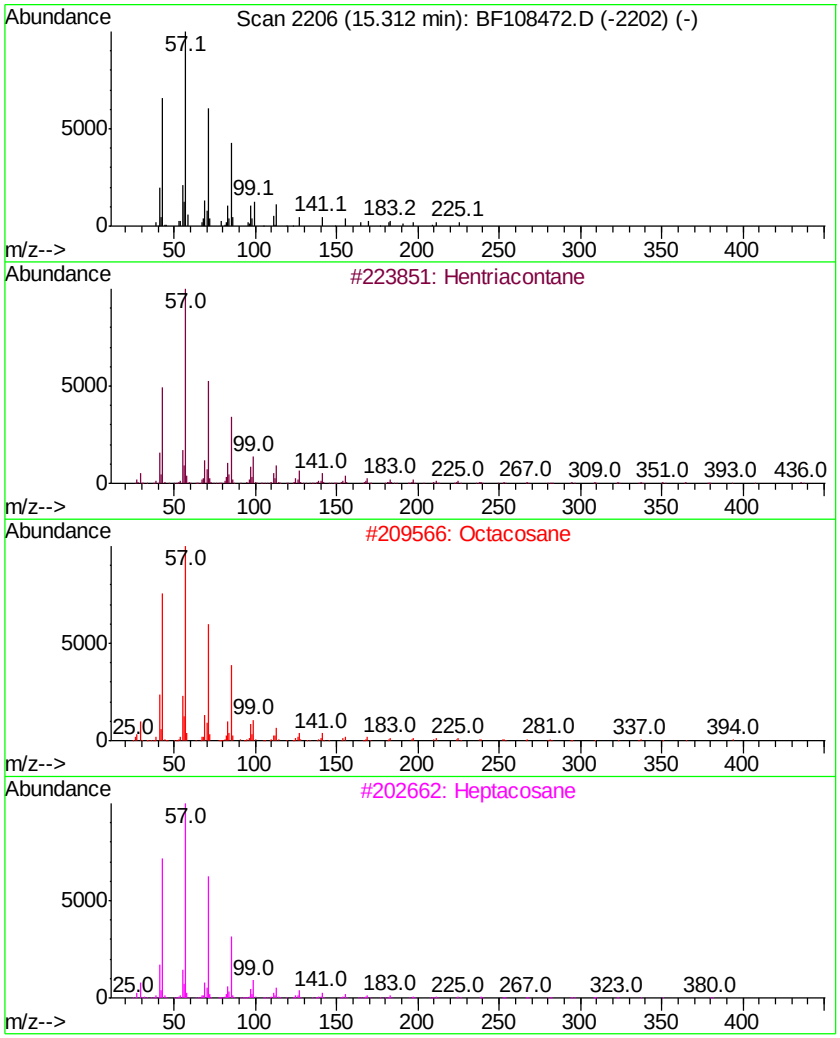
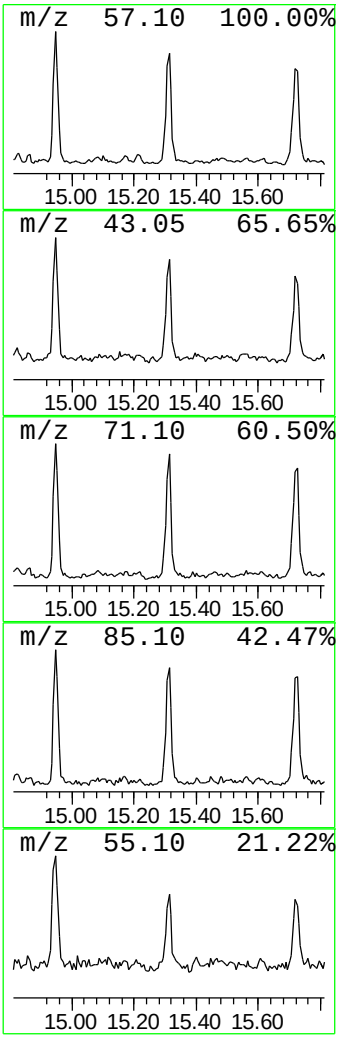
Peak Number 11 Hentriacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	2.71 ng	114034	Perylene-d12	15.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptacosane	380	C27H56	000593-49-7	90
4	Tetracosane	338	C24H50	000646-31-1	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108472.D
Acq On : 24 Aug 2018 19:20
Operator : JU/SJ
Sample : J4581-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q3-B4

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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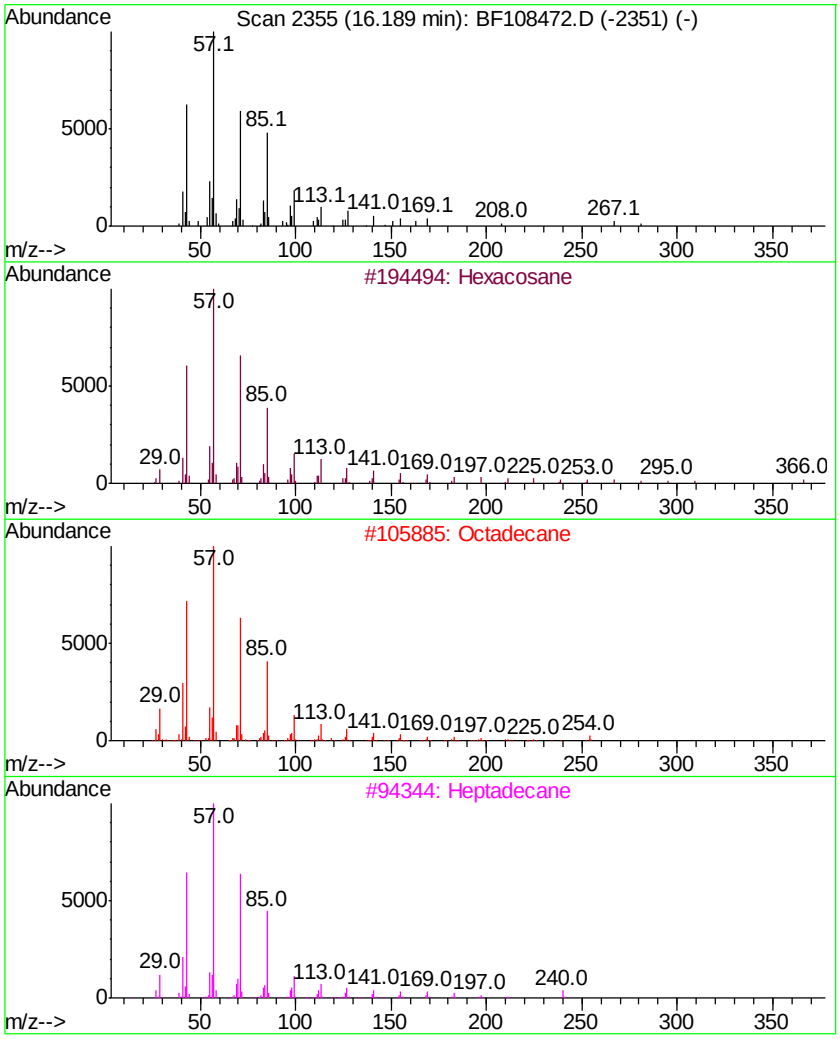
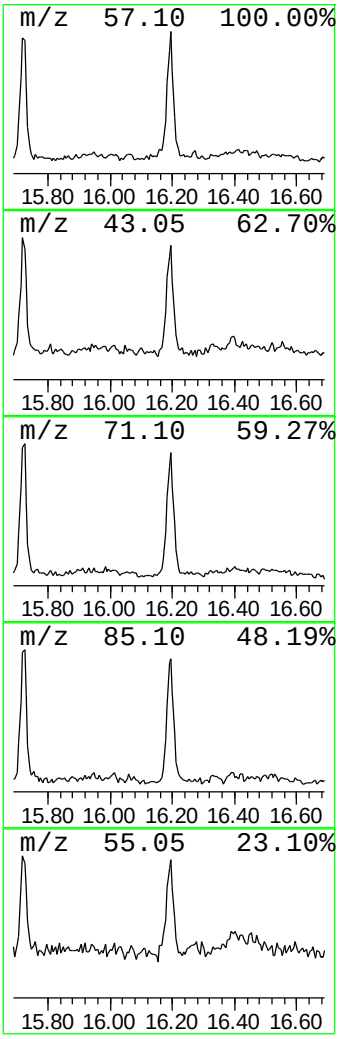
Peak Number 12 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	2.70 ng	113439	Perylene-d12	15.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Pentacosane	352	C25H52	000629-99-2	91
5	Octacosane	394	C28H58	000630-02-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082418\
Data File : BF108472.D
Acq On : 24 Aug 2018 19:20
Operator : JU/SJ
Sample : J4581-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q3-B4

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...	2.38	33.6	ng	1374360	1	7.00	818511	20.0
2-Pentanone, 4-hy...	5.25	3.5	ng	144044	1	7.00	818511	20.0
unknown6.77	6.77	78.3	ng	3206710	1	7.00	818511	20.0
Heptacosane	13.67	2.3	ng	92859	5	14.19	797222	20.0
Pentacosane	14.00	2.3	ng	91710	5	14.19	797222	20.0
Heptadecyl triflu...	14.06	7.2	ng	285586	5	14.19	797222	20.0
Heneicosane	14.32	2.8	ng	112812	5	14.19	797222	20.0
Hexacosane	14.62	2.6	ng	102106	5	14.19	797222	20.0
Octacosane	14.95	3.4	ng	136726	5	14.19	797222	20.0
Hentriacontane	15.31	2.7	ng	114034	6	15.74	841375	20.0
Octadecane	16.19	2.7	ng	113439	6	15.74	841375	20.0