LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119335.D
Acq On : 11 Mar 2020 5:31
Operator : CG/JU
Sample : L1826-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MC5B39

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-BF022020.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	2.640	80	94	111	rBV	114918	246611	6.30%	0.984%
2	4.510	408	412	421	rBV	43546	60893	1.55%	0.243%
3	4.952	483	487	505	rVB3	256266	472591	12.07%	1.886%
4	5.369	555	558	588	rBV	2125838	2681362	68.46%	10.698%
5	6.387	727	731	757	rBV	1942085	2351497	60.04%	9.382%
6	6.722	785	788	797	rBV	698619	675882	17.26%	2.697%
7	6.881	811	815	831	rBV	2873094	2668593	68.14%	10.647%
8	7.293	881	885	901	rBV	1934674	1923569	49.11%	7.675%
9	8.004	1003	1006	1024	rVB	894461	915720	23.38%	3.654%
10	9.081	1184	1189	1201	rBV	3966576	3916603	100.00%	15.627%
11	9.481	1254	1257	1266	rVB	107900	108628	2.77%	0.433%
12	9.757	1300	1304	1318	rBV	1002606	940082	24.00%	3.751%
13	10.551	1435	1439	1460	rBV	1928856	2071989	52.90%	8.267%
14	11.245	1553	1557	1566	rBV	759650	780361	19.92%	3.114%
15	11.775	1644	1647	1649	rBV	69857	72282	1.85%	0.288%
16	11.798	1649	1651	1660	rVB	106325	101409	2.59%	0.405%
17	12.827	1821	1826	1829	rBV	3162776	3172163	80.99%	12.657%
18	13.751	1979	1983	1993	rVB3	29089	55622	1.42%	0.222%
19	13.886	2002	2006	2016	rBV	707563	706771	18.05%	2.820%
20	14.339	2079	2083	2087	rBV	54457	53518	1.37%	0.214%
21	14.633	2129	2133	2138	rVB	94150	86619	2.21%	0.346%
22	14.704	2141	2145	2151	rVV	109608	118104	3.02%	0.471%
23	14.945	2182	2186	2192	rVB	96840	99210	2.53%	0.396%
24	15.321	2242	2250	2261	rBV	373893	654566	16.71%	2.612%
25	15.704	2310	2315	2320	rBV	57254	82360	2.10%	0.329%
26	16.168	2390	2394	2400	rVB3	29536	46503	1.19%	0.186%

Sum of corrected areas: 25063508

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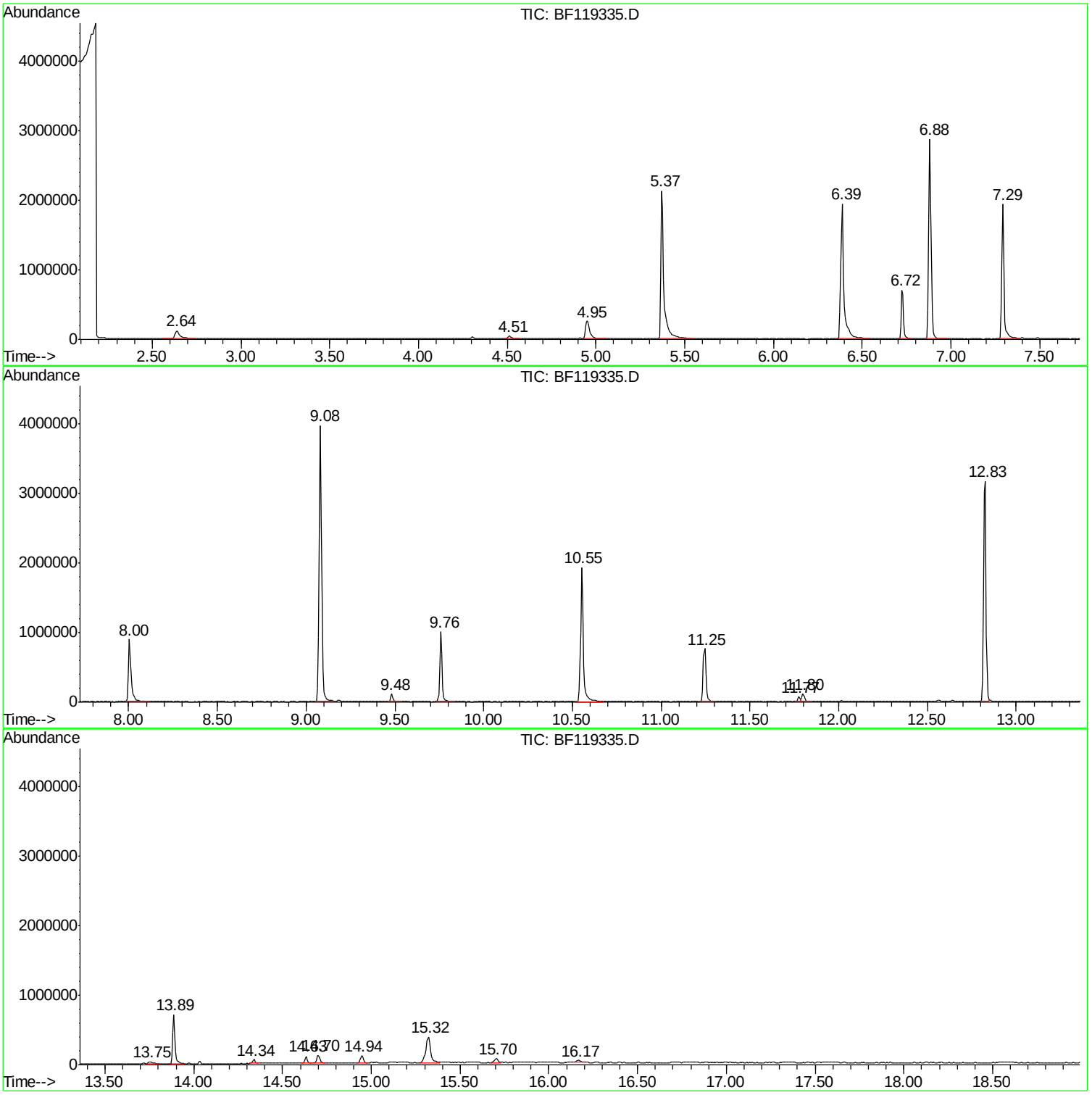
Instrument :
BNA_F
ClientSampleId :
MC5B39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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\BF031020\
Data File : BF119335.D
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Operator : CG/JU
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Misc :
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Instrument : BNA_F
ClientSampleId : MC5B39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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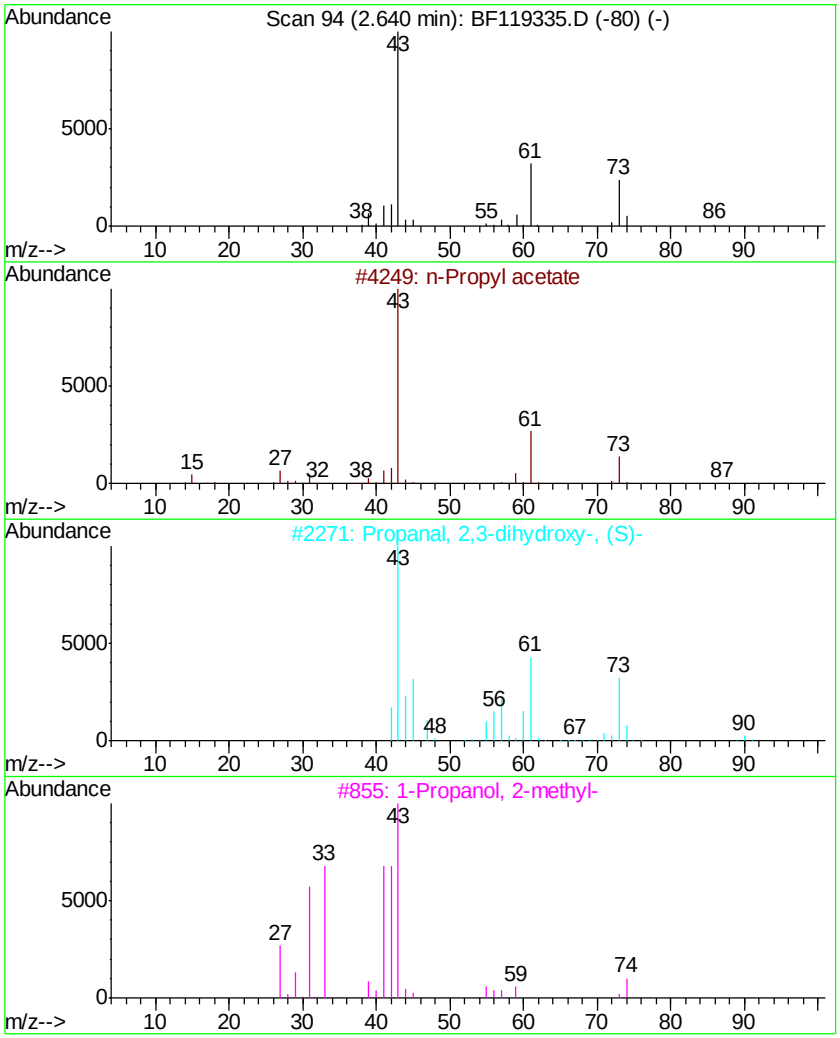
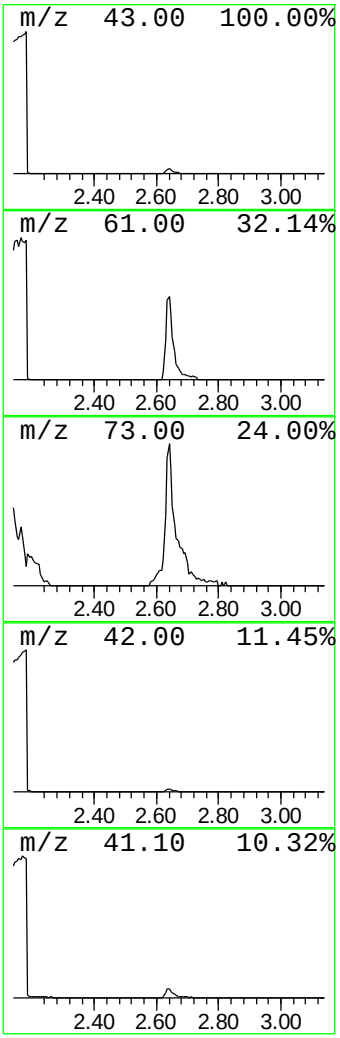
Peak Number 1 n-Propyl acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.64	7.30 ng	246611	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	64
2	Propanal, 2,3-dihydroxy-, (S)-	90	C3H6O3	000497-09-6	36
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	Pentane	72	C5H12	000109-66-0	9
5	Acetic acid, (acetyloxy)-	118	C4H6O4	013831-30-6	9





Library Search Compound Report

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Data File : BF119335.D
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Sample : L1826-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MC5B39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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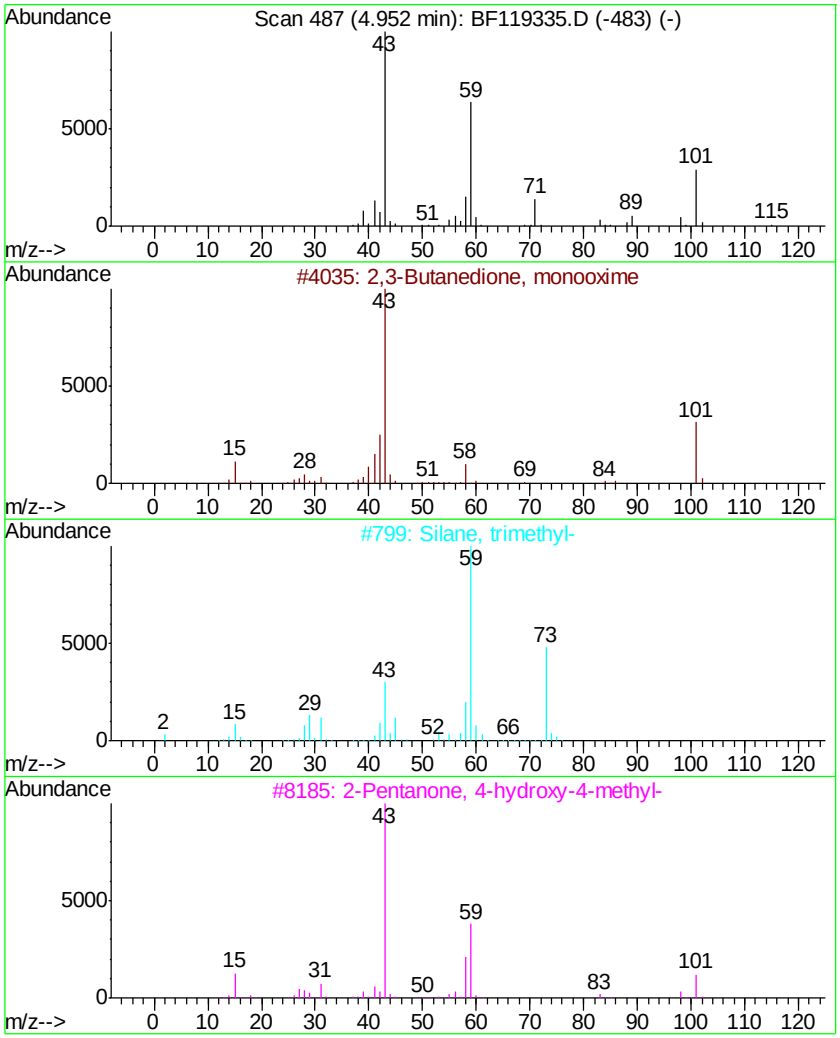
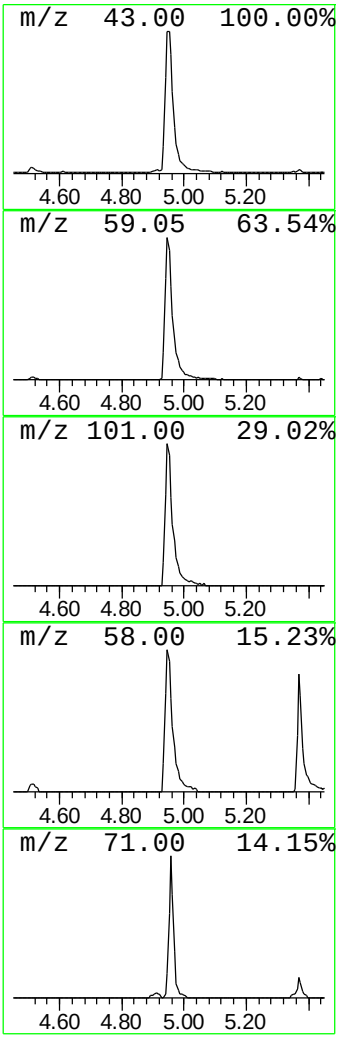
Peak Number 2 unknown4.95 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	13.98 ng	472591	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
2	Silane, trimethyl-	74	C3H10Si	000993-07-7	25
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25
4	Tetraglyme	222	C10H22O5	000143-24-8	25
5	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119335.D
Acq On : 11 Mar 2020 5:31
Operator : CG/JU
Sample : L1826-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MC5B39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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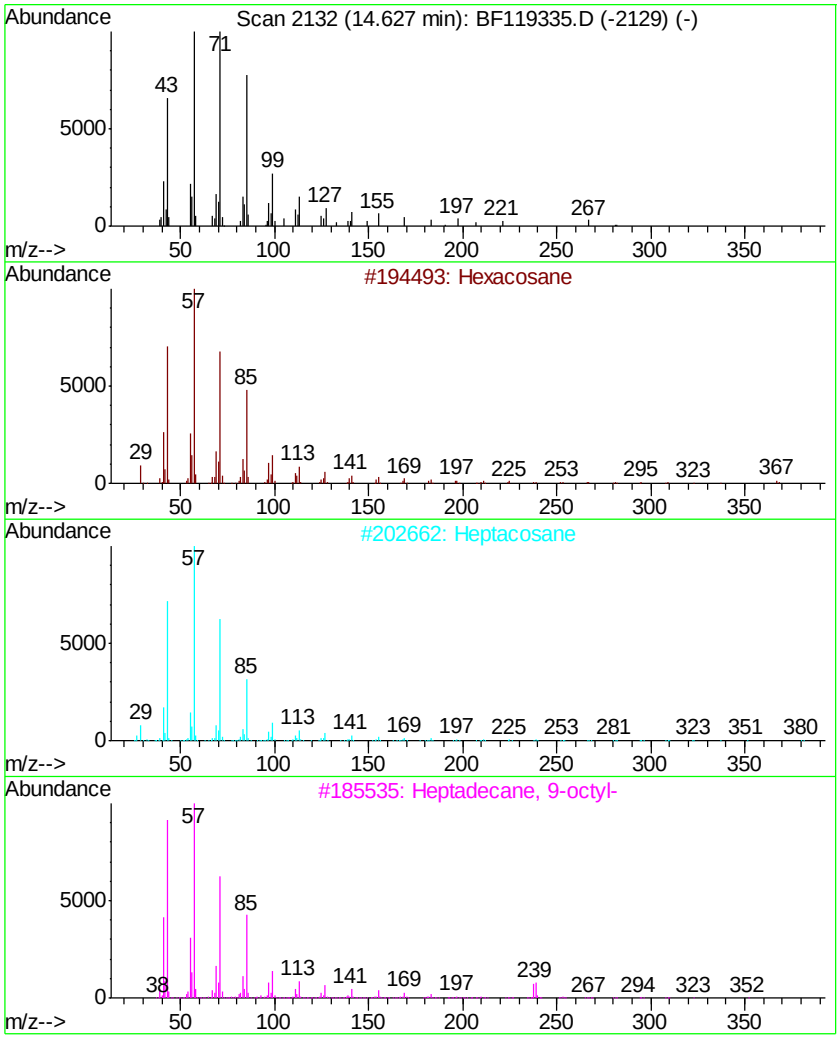
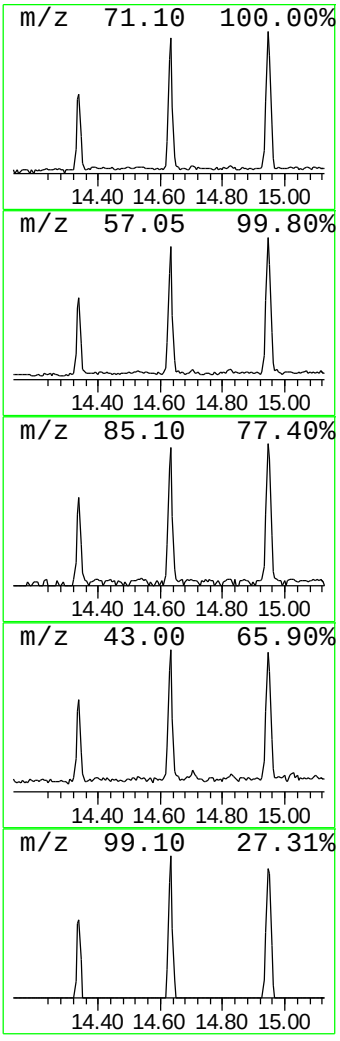
Peak Number 4 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	2.65 ng	86619	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119335.D
Acq On : 11 Mar 2020 5:31
Operator : CG/JU
Sample : L1826-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MC5B39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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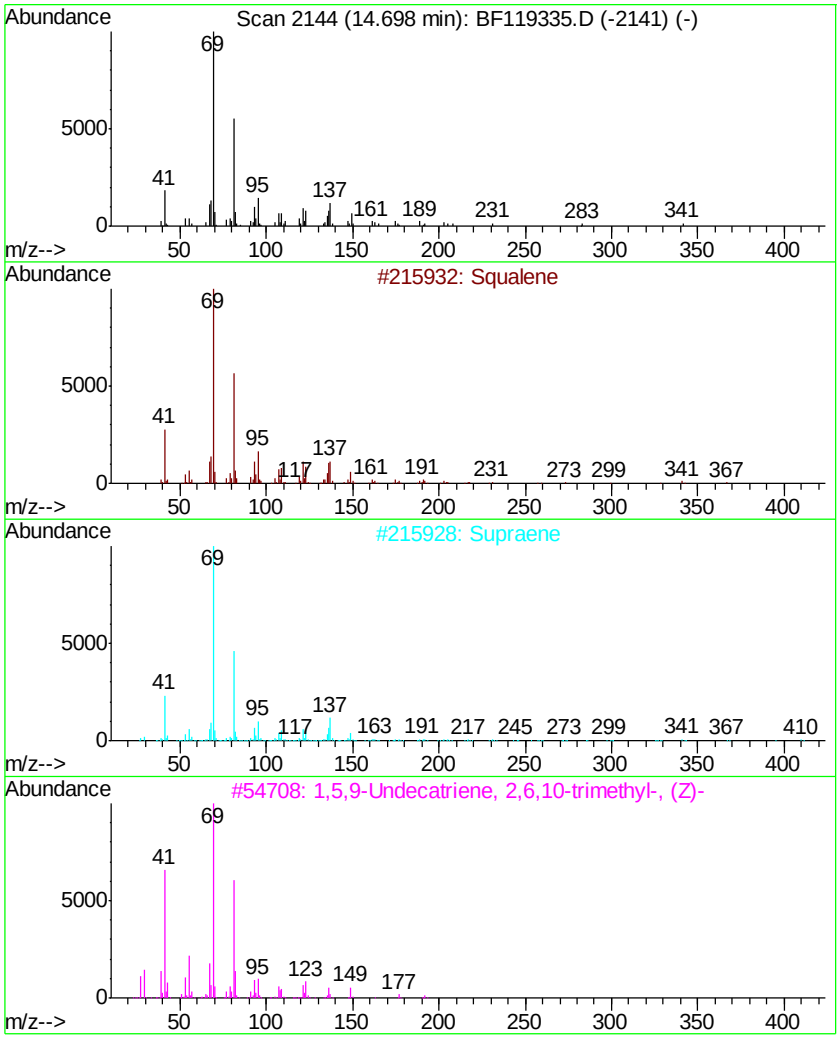
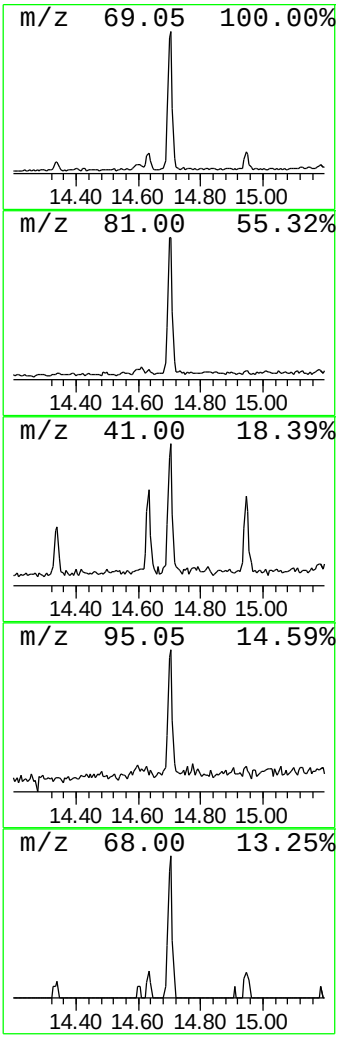
Peak Number 5 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	3.61 ng	118104	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	87
4	3,7,11-Trimethyl-dodeca-2,6,10-t...	236	C15H24O2	007548-13-2	72
5	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119335.D
Acq On : 11 Mar 2020 5:31
Operator : CG/JU
Sample : L1826-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MC5B39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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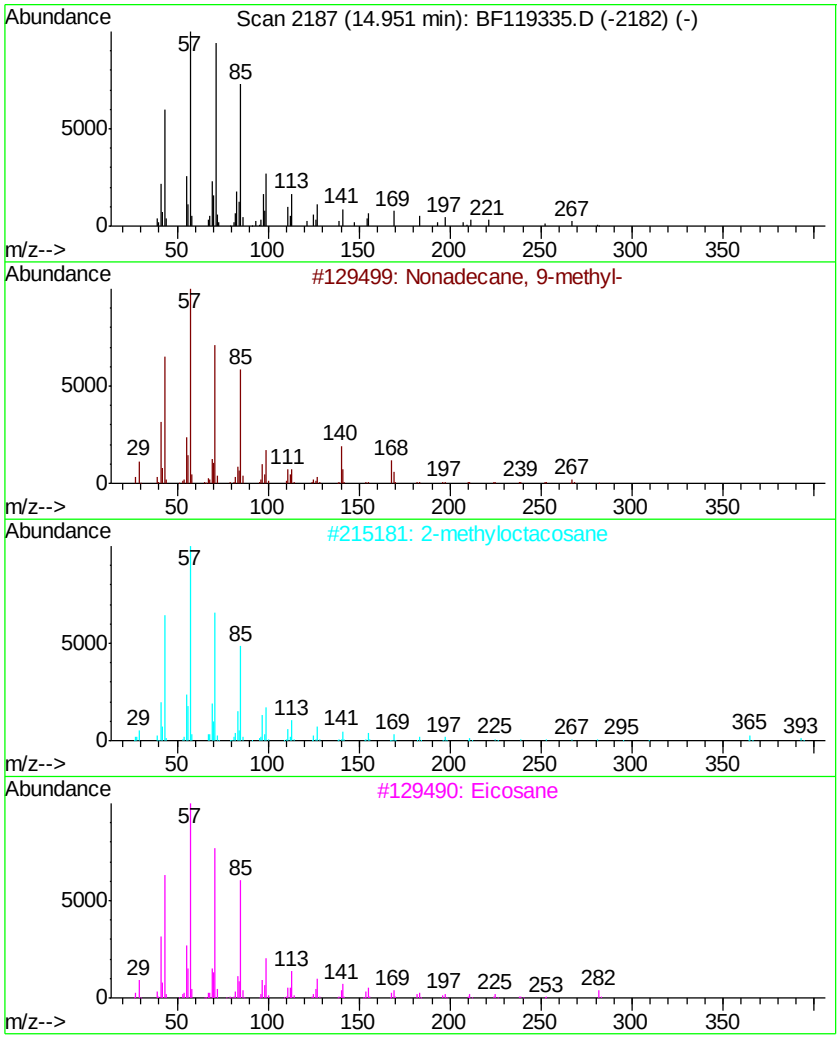
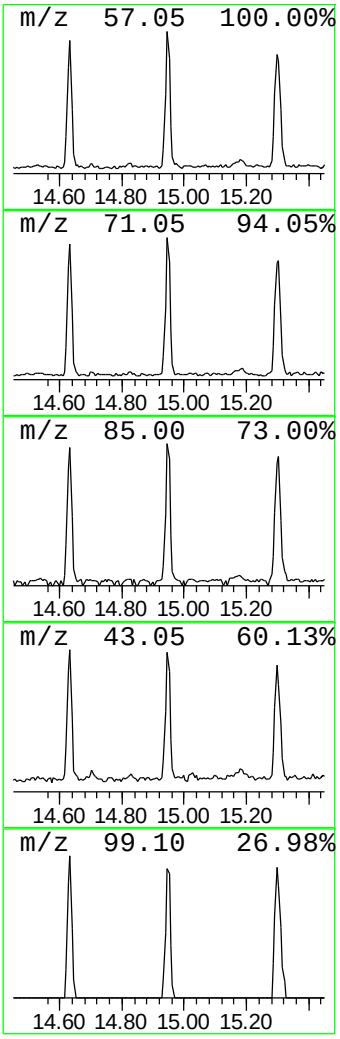
Peak Number 6 Nonadecane, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	3.03 ng	99210	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Triacontane	422	C30H62	000638-68-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119335.D
Acq On : 11 Mar 2020 5:31
Operator : CG/JU
Sample : L1826-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MC5B39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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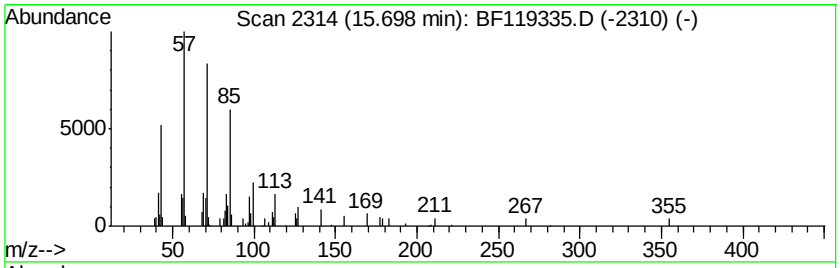
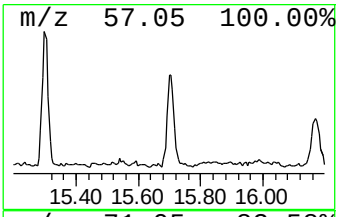
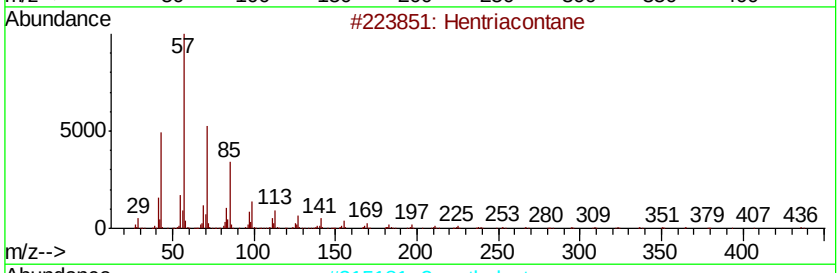
Peak Number 7 Hentriacontane Concentration Rank 7

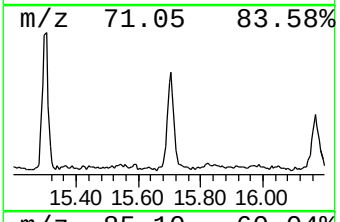
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	2.52 ng	82360	Perylene-d12	15.32

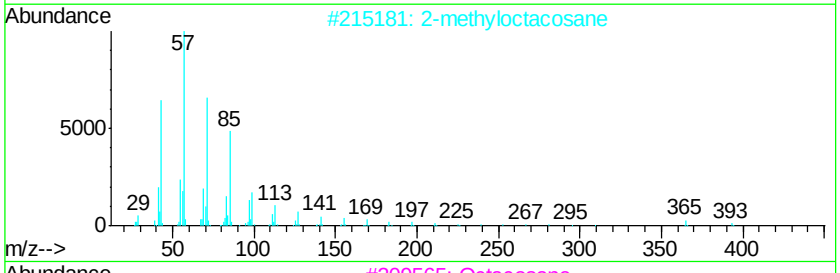
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	90
5	Hexacosane	366	C26H54	000630-01-3	87

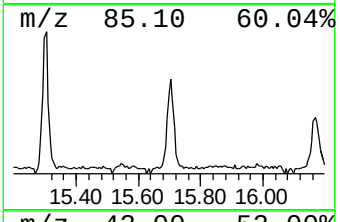


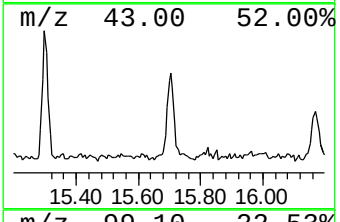


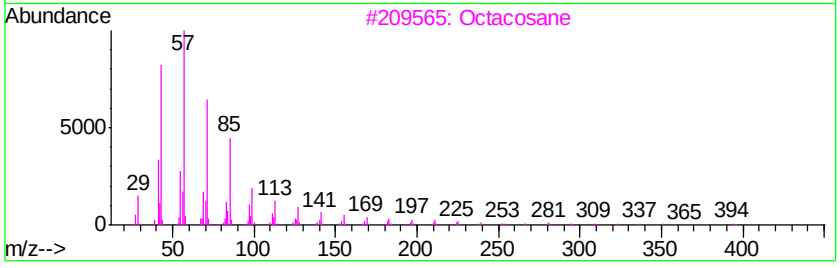


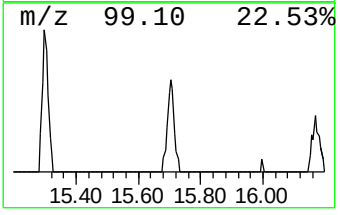












Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Propyl acetate	2.64	7.3	ng	246611	1	6.72	675882	20.0
unknown4.95	4.95	14.0	ng	472591	1	6.72	675882	20.0
Hexacosane	14.63	2.6	ng	86619	6	15.32	654566	20.0
Squalene	14.70	3.6	ng	118104	6	15.32	654566	20.0
Nonadecane, 9-met...	14.95	3.0	ng	99210	6	15.32	654566	20.0
Hentriacontane	15.70	2.5	ng	82360	6	15.32	654566	20.0