LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
Data File : BF119638.D
Acq On : 30 Mar 2020 17:38
Operator : MA/SJ
Sample : L2053-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-13-SA

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-BF031820.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	2.122	3	6	14	rVB	423314	553818	6.86%	0.984%
2	2.228	20	24	32	rVB	164446	233628	2.89%	0.415%
3	5.051	500	504	511	rVB	148709	181755	2.25%	0.323%
4	5.445	566	571	574	rBV	7268703	7148765	88.55%	12.704%
5	6.457	737	743	755	rBV2	6601049	8072752	100.00%	14.346%
6	6.828	803	806	810	rBV	2089239	1907672	23.63%	3.390%
7	6.986	829	833	837	rBV	6348930	6220761	77.06%	11.055%
8	7.392	897	902	905	rBV	4650466	4648713	57.59%	8.261%
9	8.116	1020	1025	1029	rBV	2879512	2364461	29.29%	4.202%
10	9.198	1203	1209	1212	rBV	8584699	7725122	95.69%	13.729%
11	9.592	1272	1276	1279	rBV	366816	295264	3.66%	0.525%
12	9.880	1319	1325	1328	rBV	2822662	2399195	29.72%	4.264%
13	10.669	1455	1459	1462	rBV	3262871	2840032	35.18%	5.047%
14	11.369	1574	1578	1581	rBV	2429448	2035949	25.22%	3.618%
15	11.898	1664	1668	1676	rBV2	136551	168530	2.09%	0.300%
16	12.957	1844	1848	1852	rBV	5331068	5168167	64.02%	9.185%
17	13.886	2000	2006	2017	rBV2	341068	686673	8.51%	1.220%
18	14.010	2023	2027	2031	rBV	1726624	1537976	19.05%	2.733%
19	14.180	2054	2056	2060	rVB	95922	86247	1.07%	0.153%
20	14.492	2106	2109	2111	rVB	187768	167520	2.08%	0.298%
21	14.798	2159	2161	2165	rVB	112565	100429	1.24%	0.178%
22	15.139	2216	2219	2225	rVB	237415	270358	3.35%	0.480%
23	15.474	2272	2276	2280	rBV	1108918	1310873	16.24%	2.330%
24	15.962	2356	2359	2363	rVB	114022	145652	1.80%	0.259%

Sum of corrected areas: 56270312

LSC Report - Integrated Chromatogram

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Misc :
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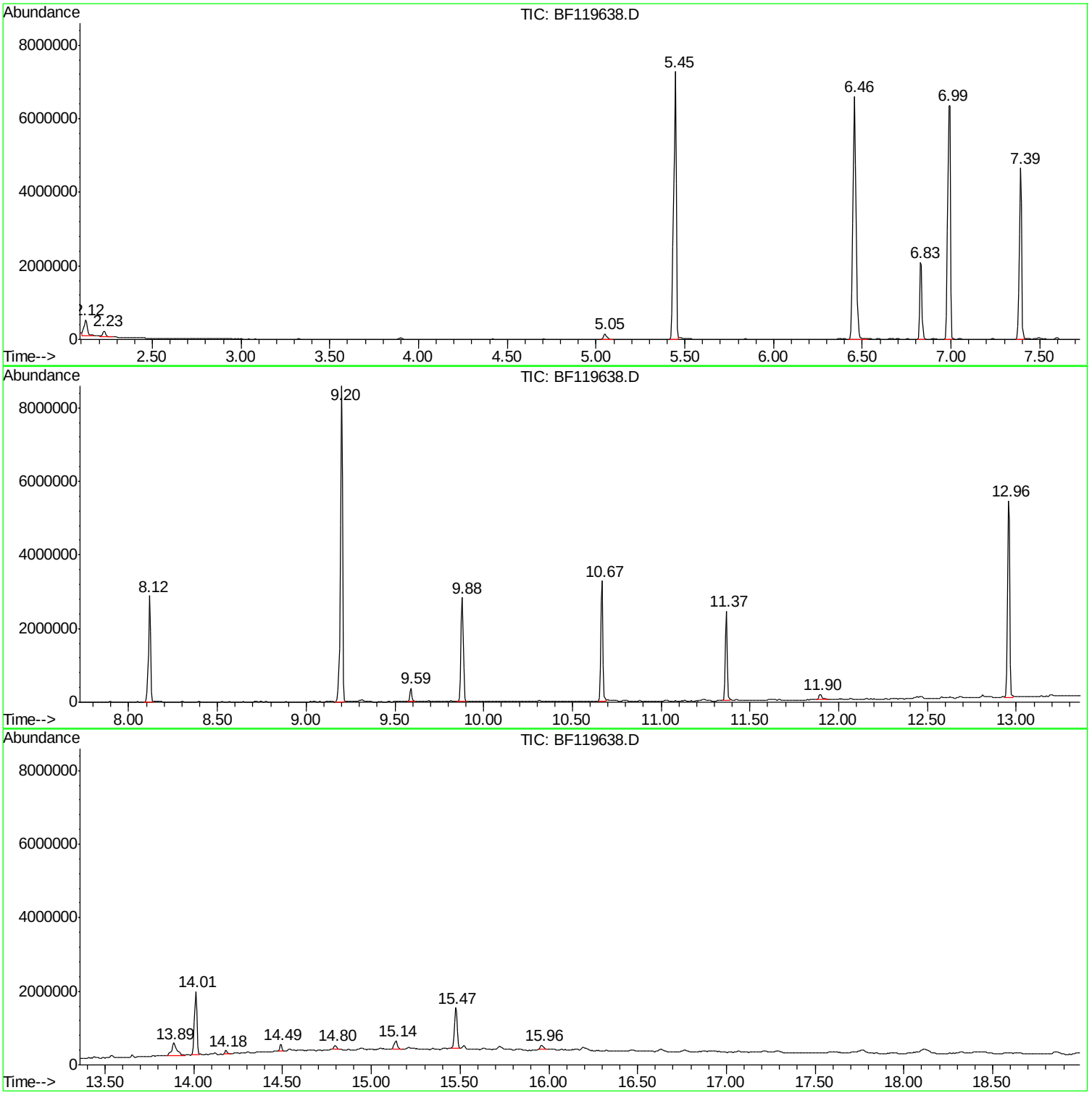
Instrument : BNA_F
ClientSampleId : TP-13-SA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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\BF033020\
Data File : BF119638.D
Acq On : 30 Mar 2020 17:38
Operator : MA/SJ
Sample : L2053-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-13-SA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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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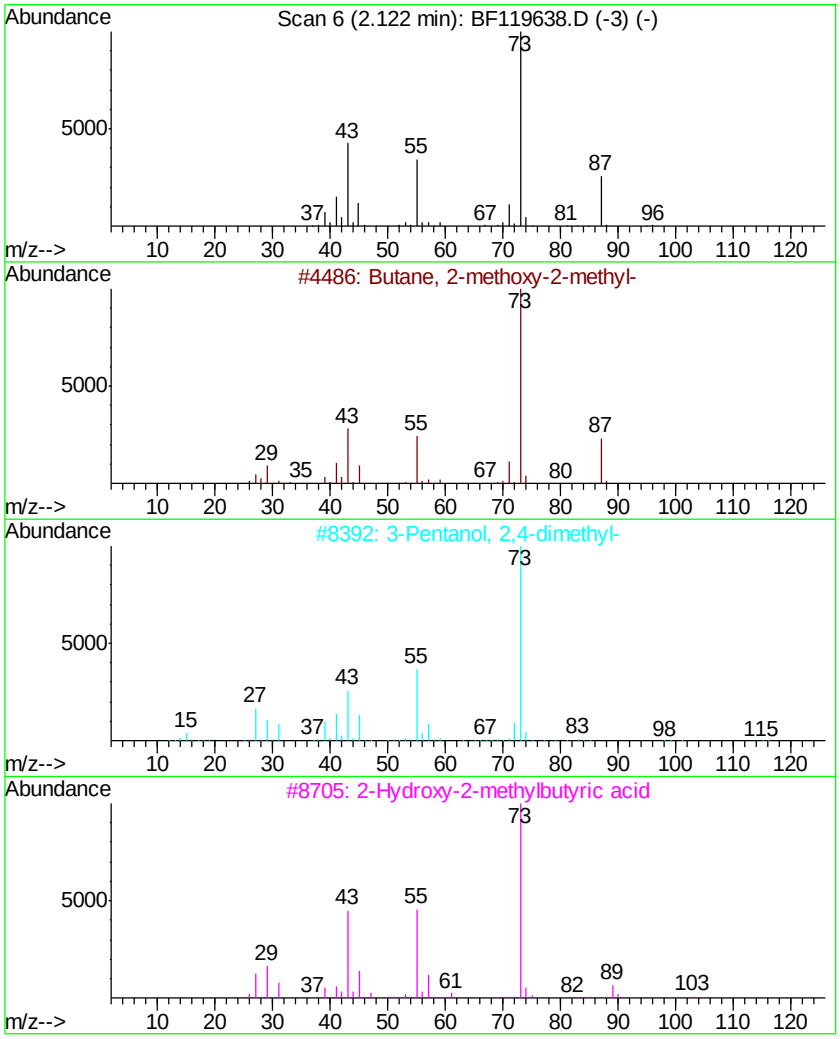
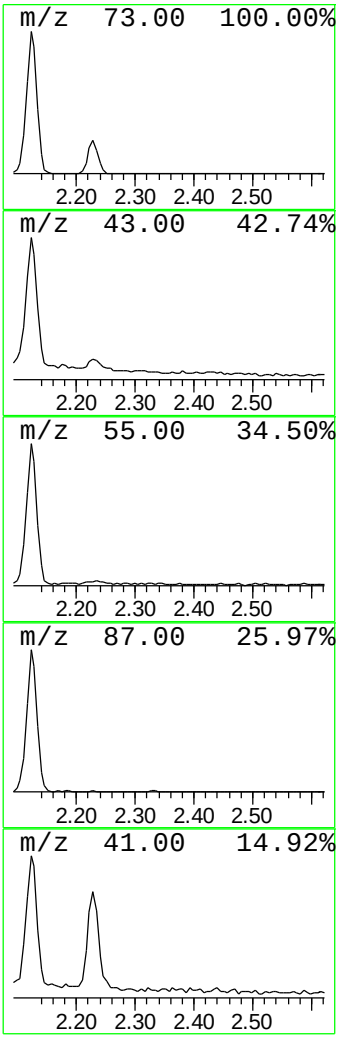
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	5.81 ng	553818	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35





Library Search Compound Report

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Operator : MA/SJ
Sample : L2053-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-13-SA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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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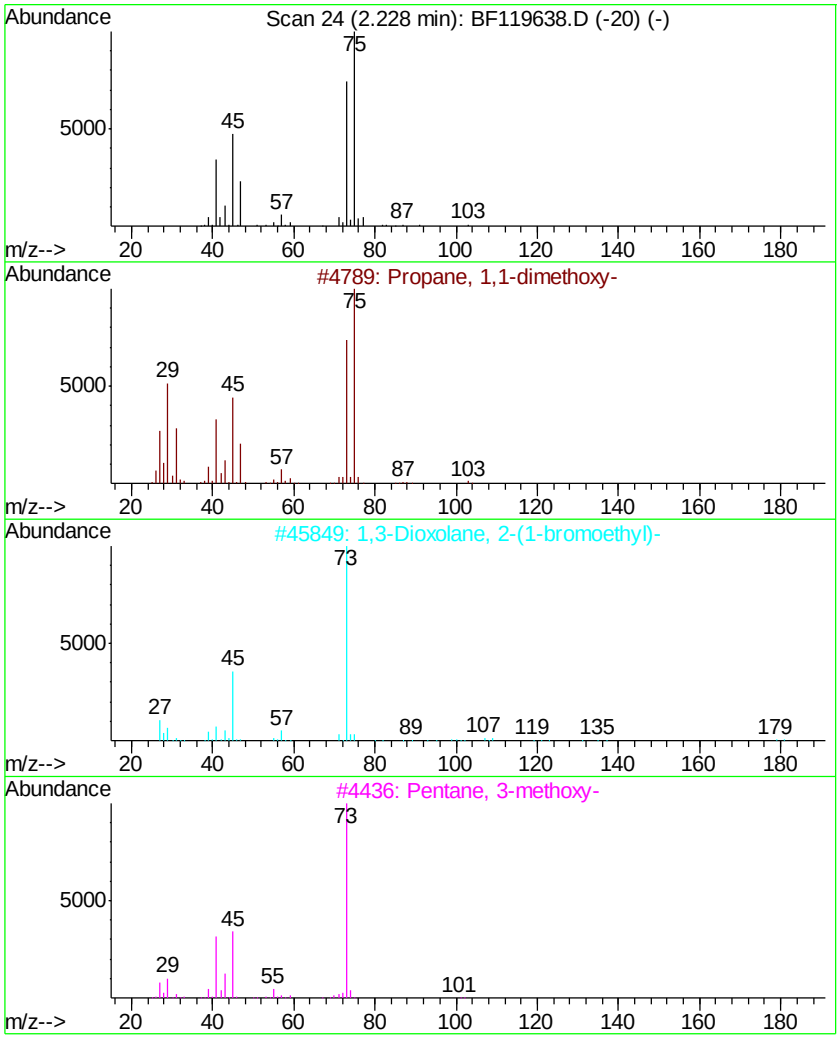
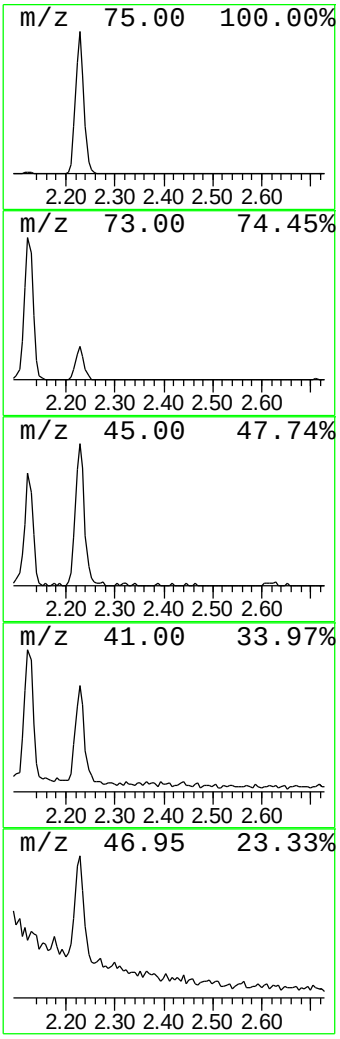
Peak Number 2 Propane, 1,1-dimethoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	2.45 ng	233628	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	64
2	1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	22
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	10
5	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
Data File : BF119638.D
Acq On : 30 Mar 2020 17:38
Operator : MA/SJ
Sample : L2053-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-13-SA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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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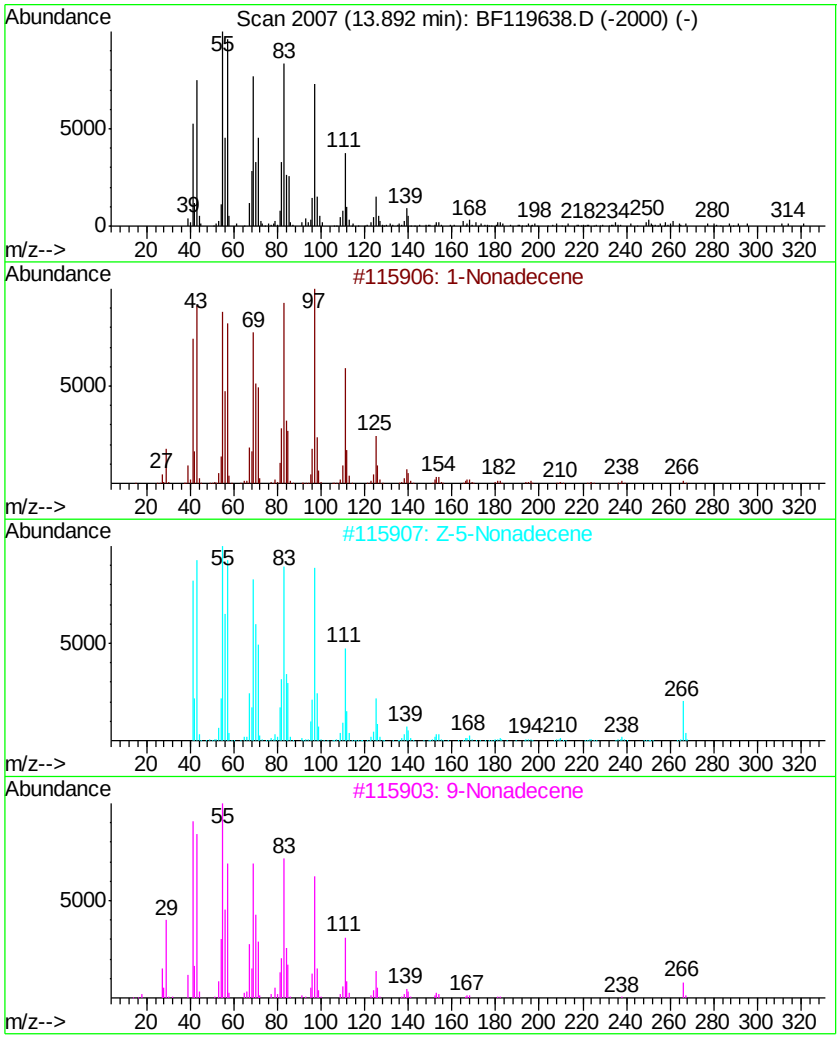
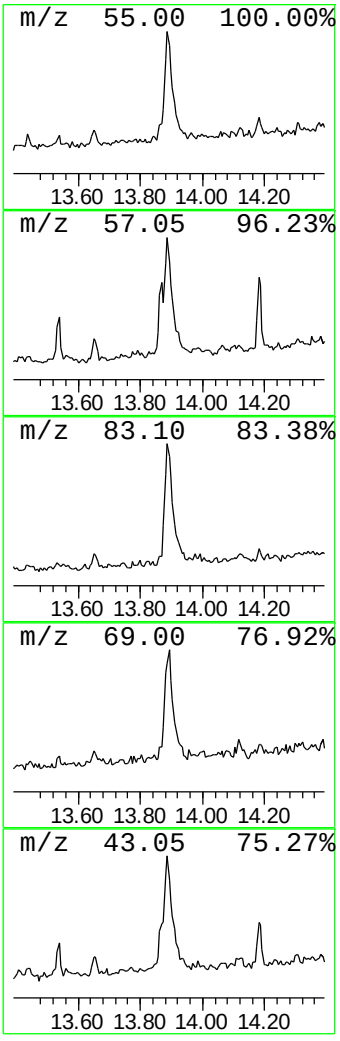
Peak Number 4 1-Nonadecene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	8.93 ng	686673	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	97
2	Z-5-Nonadecene	266	C19H38	1000131-11-8	95
3	9-Nonadecene	266	C19H38	031035-07-1	93
4	1,2-Octadecanediol	286	C18H38O2	020294-76-2	91
5	1-Tricosene	322	C23H46	018835-32-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
Data File : BF119638.D
Acq On : 30 Mar 2020 17:38
Operator : MA/SJ
Sample : L2053-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-13-SA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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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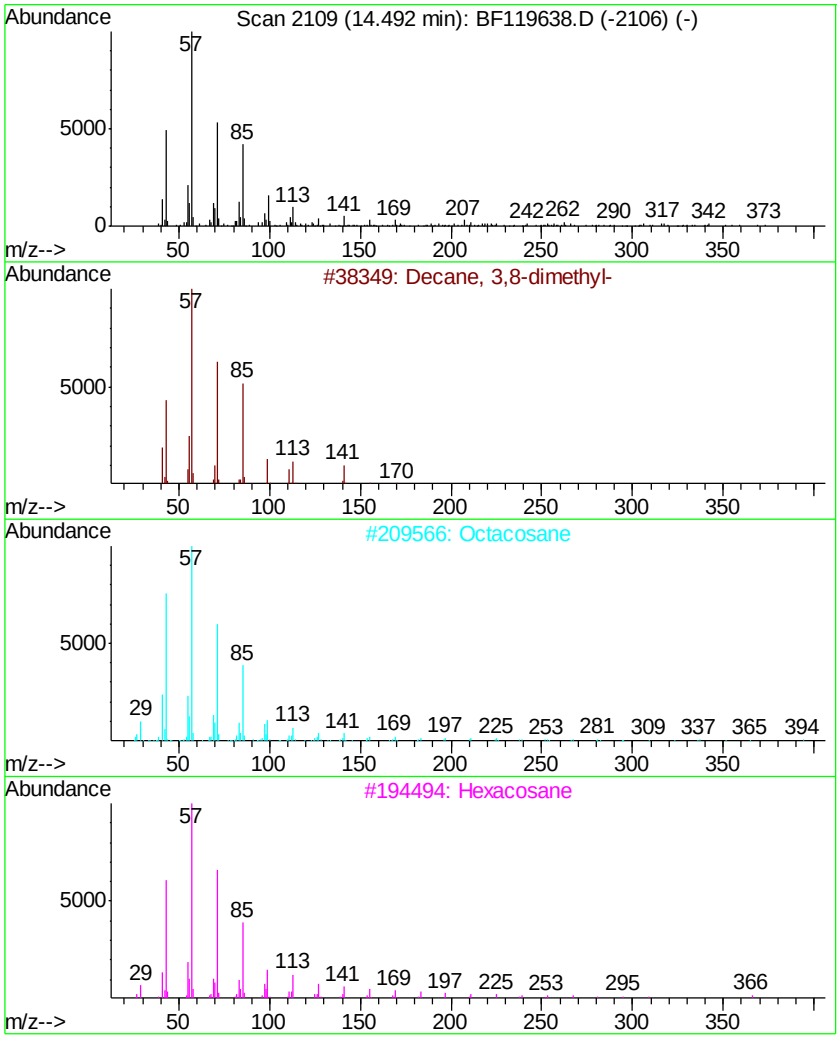
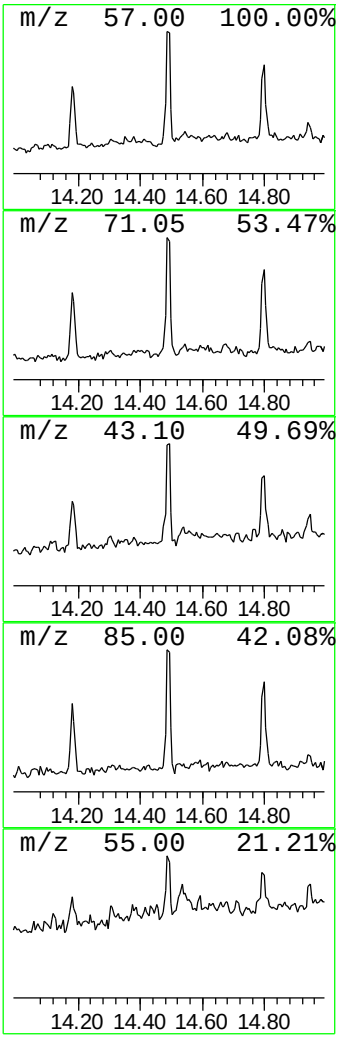
Peak Number 5 Decane, 3,8-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	2.18 ng	167520	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Hexacosane	366	C26H54	000630-01-3	87
4	Heptacosane	380	C27H56	000593-49-7	86
5	Tetracosane	338	C24H50	000646-31-1	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
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Acq On : 30 Mar 2020 17:38
Operator : MA/SJ
Sample : L2053-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-13-SA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
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TIC Integration Parameters: LSCINT.P

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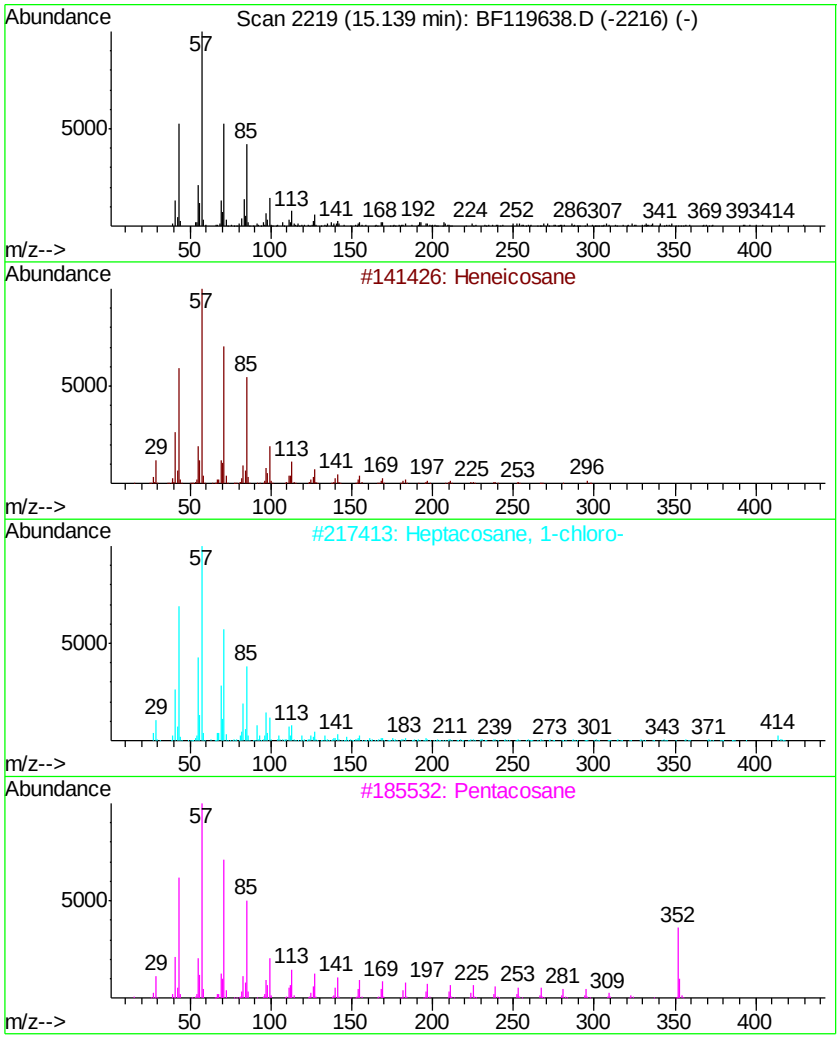
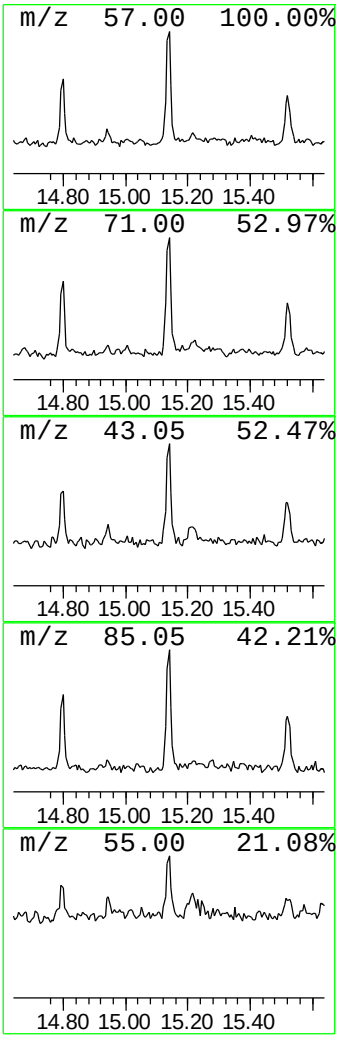
Peak Number 6 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	4.12 ng	270358	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
3	Pentacosane	352	C25H52	000629-99-2	83
4	Hexadecane	226	C16H34	000544-76-3	83
5	Eicosane	282	C20H42	000112-95-8	83





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Sample : L2053-02
Misc :
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Instrument : BNA_F
ClientSampleId : TP-13-SA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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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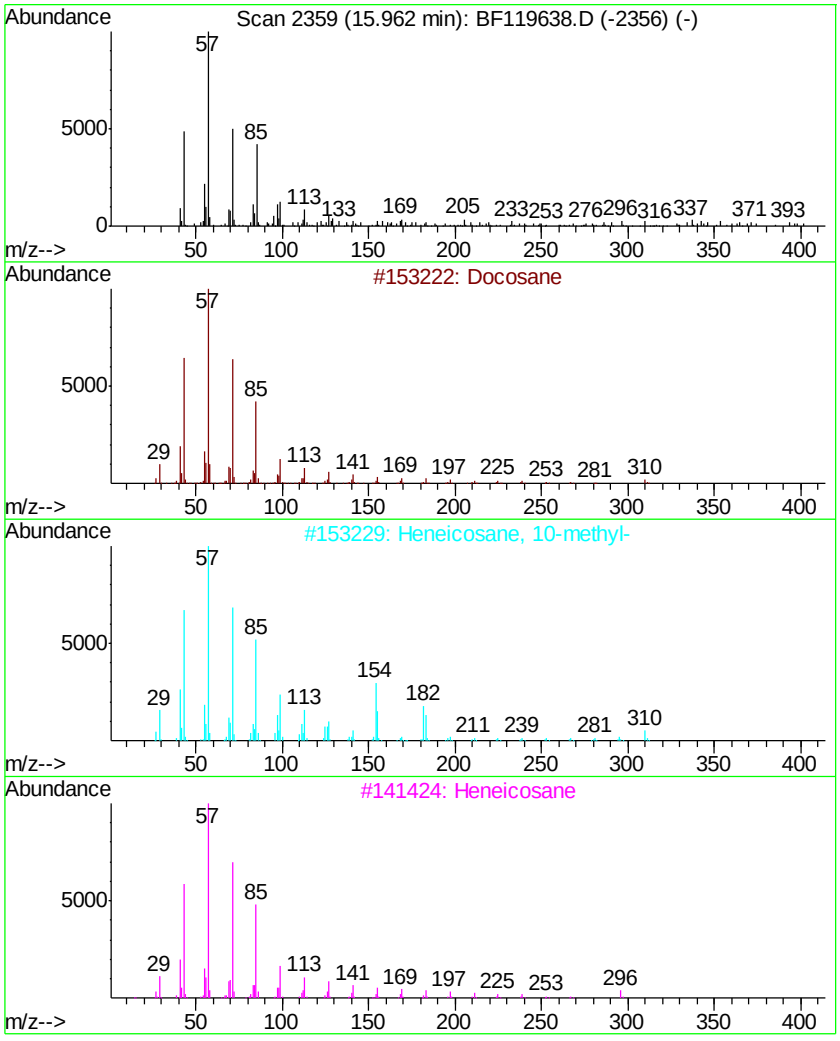
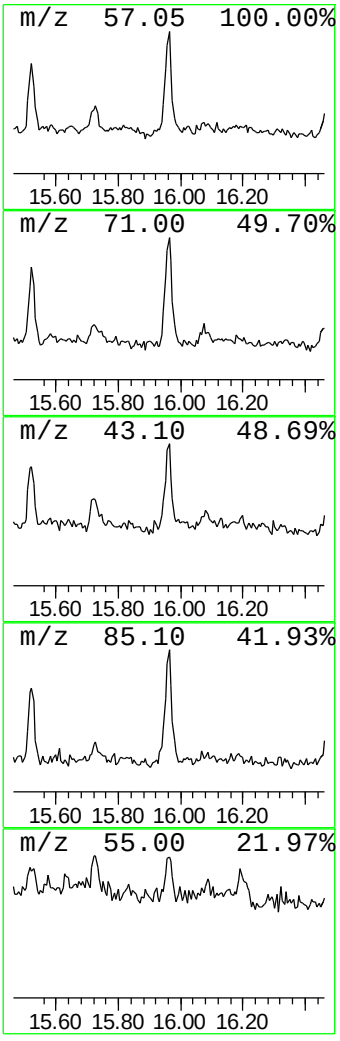
Peak Number 7 Docosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	2.22 ng	145652	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	91
2	Heneicosane, 10-methyl-	310	C22H46	013287-25-7	90
3	Heneicosane	296	C21H44	000629-94-7	89
4	Pentacosane	352	C25H52	000629-99-2	86
5	Hexacosane	366	C26H54	000630-01-3	81





Tentatively Identified Compound (LSC) summary

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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...	2.12	5.8	ng	553818	1	6.83	1907670	20.0
Propane, 1,1-dime...	2.23	2.5	ng	233628	1	6.83	1907670	20.0
1-Nonadecene	13.89	8.9	ng	686673	5	14.01	1537980	20.0
Decane, 3,8-dimet...	14.49	2.2	ng	167520	5	14.01	1537980	20.0
Heneicosane	15.14	4.1	ng	270358	6	15.47	1310870	20.0
Docosane	15.96	2.2	ng	145652	6	15.47	1310870	20.0