LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116364.D
Acq On : 17 Aug 2019 18:19
Operator : HP/JU
Sample : K4328-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20190612-LOC-15-CF

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-BF073019.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	2.116	3	5	21	rVB	1756625	1829778	39.76%	4.497%
2	5.445	567	571	608	rBV	3364758	3936712	85.54%	9.675%
3	6.457	738	743	761	rBV	3452856	4181759	90.86%	10.278%
4	6.586	761	765	768	rBV	4061108	3912047	85.00%	9.615%
5	6.810	800	803	814	rVB	1001719	876399	19.04%	2.154%
6	6.963	826	829	849	rBV	3184320	3278900	71.25%	8.059%
7	7.375	895	899	919	rBV	2559022	2781422	60.44%	6.836%
8	8.086	1017	1020	1040	rVB	1122780	1110560	24.13%	2.729%
9	9.163	1198	1203	1206	rBV	4531288	4602241	100.00%	11.311%
10	9.557	1266	1270	1277	rBV	531796	475625	10.33%	1.169%
11	9.839	1314	1318	1332	rBV	1536792	1297996	28.20%	3.190%
12	10.633	1449	1453	1468	rBV	2820936	2861656	62.18%	7.033%
13	10.810	1479	1483	1485	rBV	64362	58333	1.27%	0.143%
14	10.839	1485	1488	1491	rVB2	56899	60313	1.31%	0.148%
15	10.874	1491	1494	1496	rBV	53884	51354	1.12%	0.126%
16	10.986	1510	1513	1516	rVB3	55681	58650	1.27%	0.144%
17	11.021	1516	1519	1524	rVV	65234	72096	1.57%	0.177%
18	11.327	1567	1571	1580	rBV	1480914	1281237	27.84%	3.149%
19	11.392	1580	1582	1585	rVB	61834	48980	1.06%	0.120%
20	11.851	1656	1660	1674	rBV2	189752	265498	5.77%	0.653%
21	12.633	1790	1793	1804	rBV4	27487	52261	1.14%	0.128%
22	12.910	1835	1840	1843	rBV	4342492	4310864	93.67%	10.595%
23	13.310	1893	1908	1912	rBV3	32399	139720	3.04%	0.343%
24	13.792	1986	1990	2008	rVV2	228405	471123	10.24%	1.158%
25	13.927	2010	2013	2016	rVB	57567	51616	1.12%	0.127%
26	13.968	2016	2020	2030	rVB	974439	948353	20.61%	2.331%
27	14.409	2092	2095	2099	rBV2	83563	88546	1.92%	0.218%
28	14.709	2143	2146	2151	rVB	124781	115928	2.52%	0.285%
29	14.915	2174	2181	2190	rBV4	31662	112593	2.45%	0.277%
30	15.039	2198	2202	2209	rVB	133945	169632	3.69%	0.417%
31	15.421	2259	2267	2282	rVB	619653	999168	21.71%	2.456%
32	15.821	2330	2335	2342	rBV	74567	112566	2.45%	0.277%
33	16.303	2411	2417	2421	rBV2	41584	74073	1.61%	0.182%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116364.D
Acq On : 17 Aug 2019 18:19
Operator : HP/JU
Sample : K4328-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20190612-LOC-15-CF

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-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 40687999

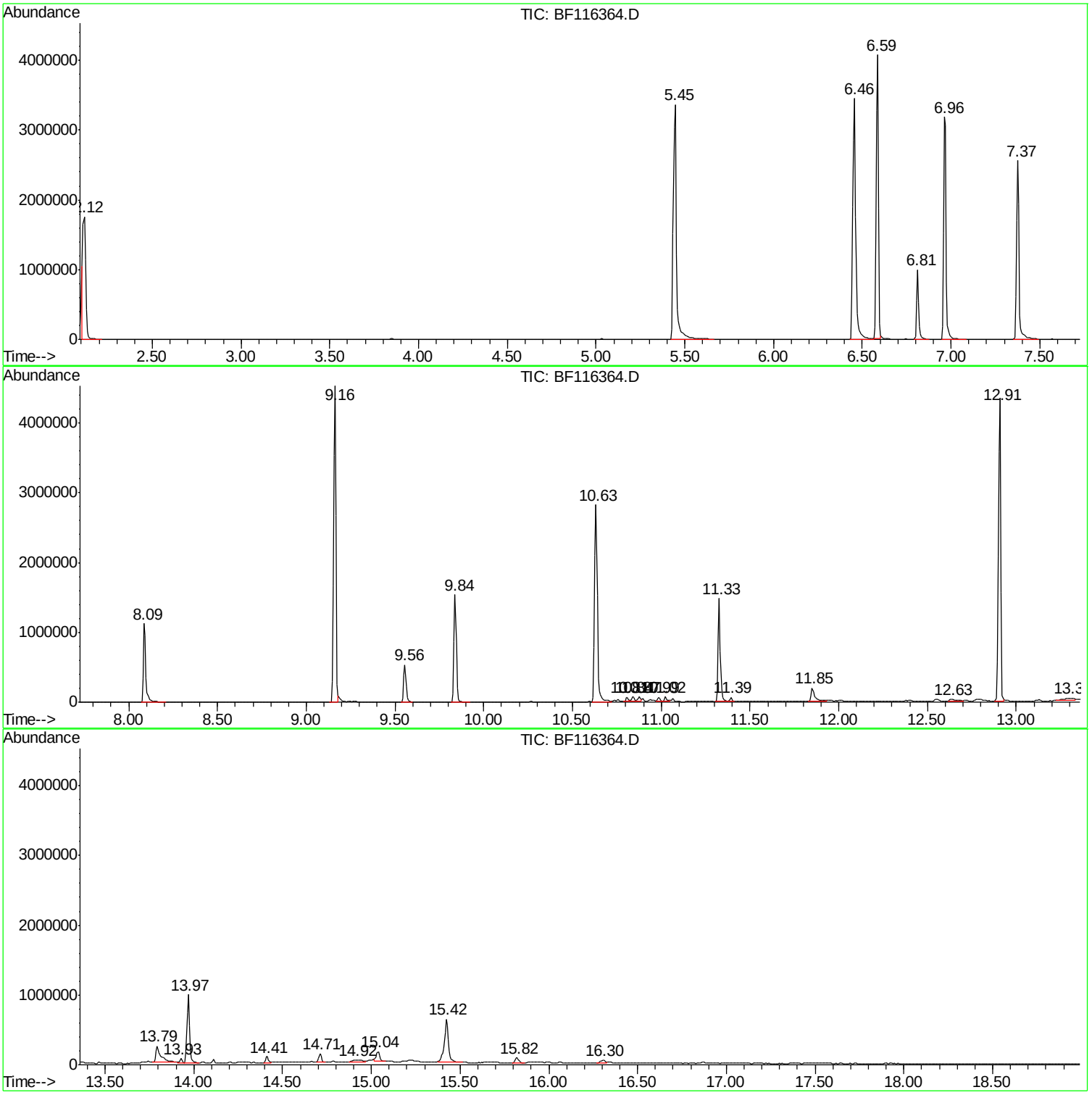
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116364.D
Acq On : 17 Aug 2019 18:19
Operator : HP/JU
Sample : K4328-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20190612-LOC-15-CF

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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\BF081719\
Data File : BF116364.D
Acq On : 17 Aug 2019 18:19
Operator : HP/JU
Sample : K4328-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20190612-LOC-15-CF

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

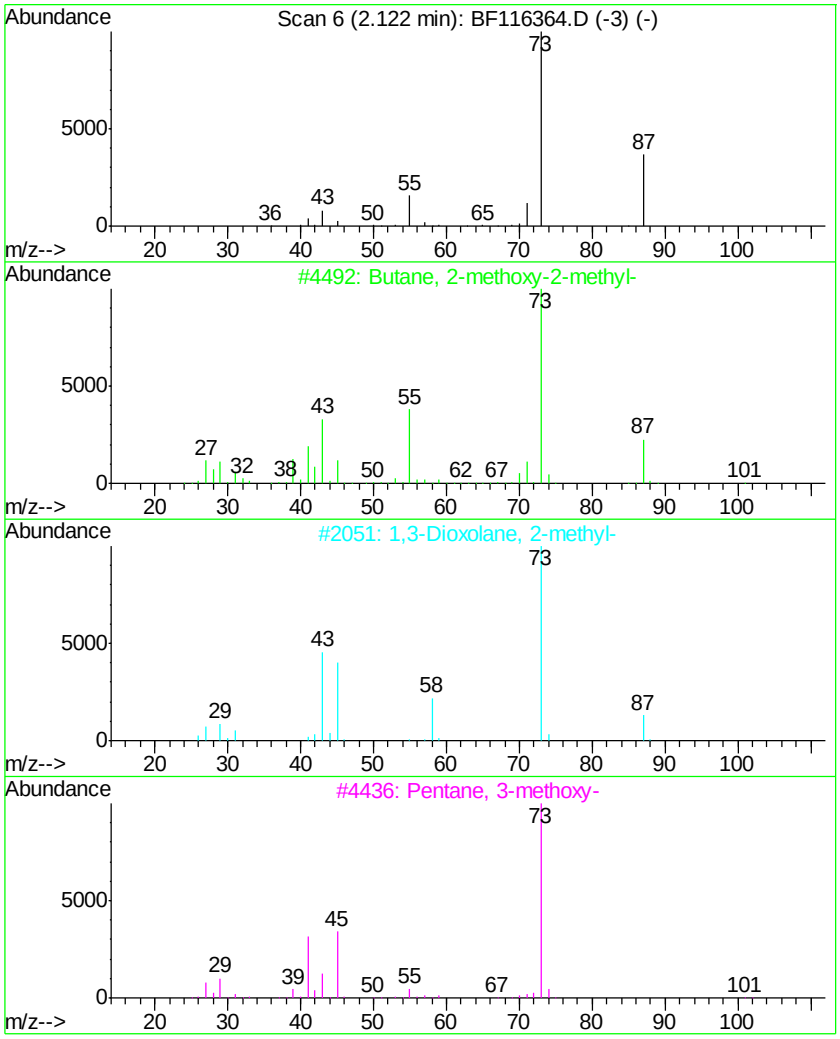
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

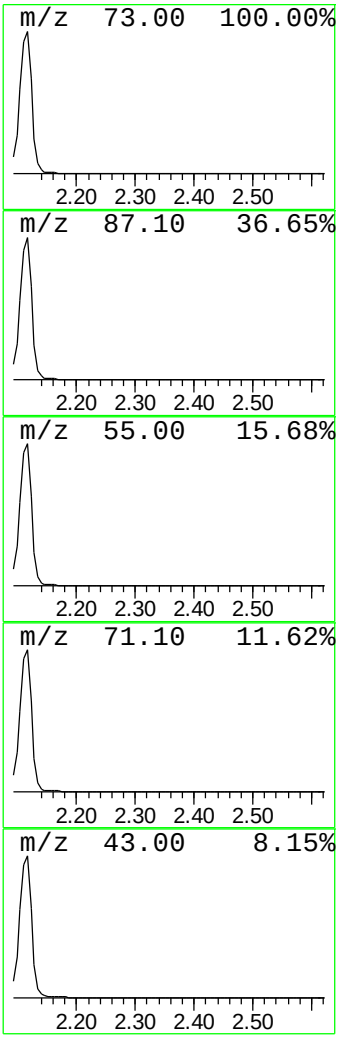
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	41.76 ng	1829780	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116364.D
Acq On : 17 Aug 2019 18:19
Operator : HP/JU
Sample : K4328-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20190612-LOC-15-CF

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

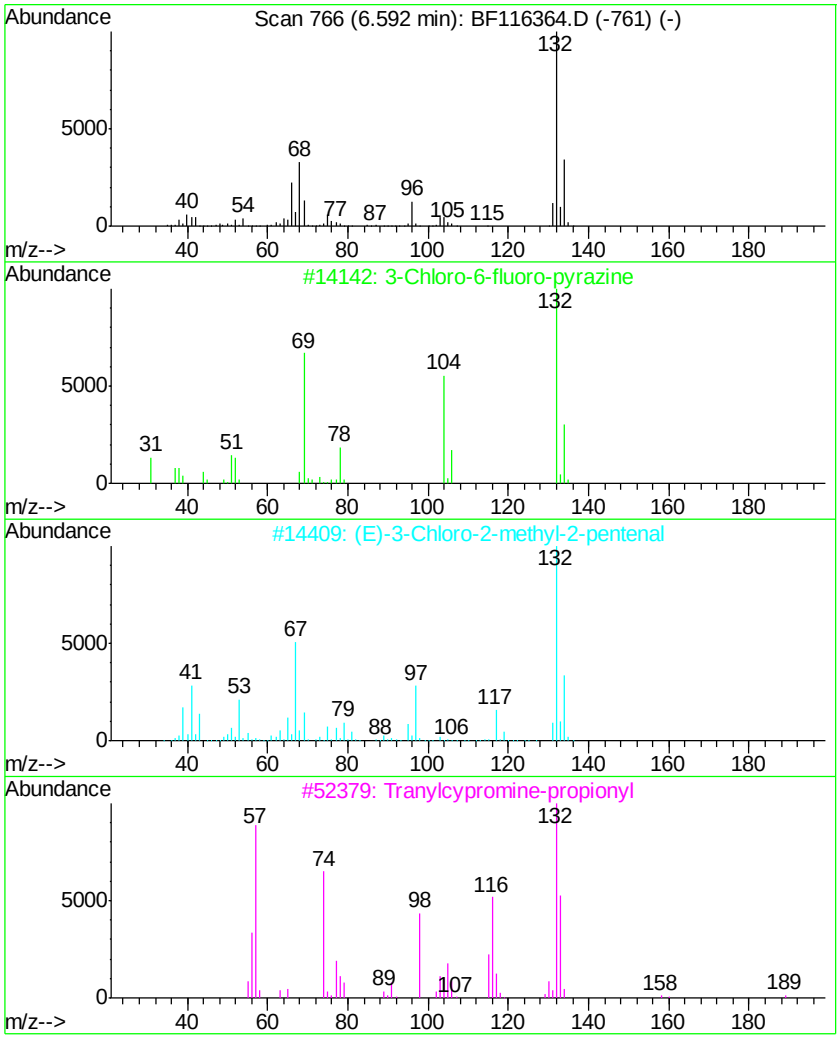
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

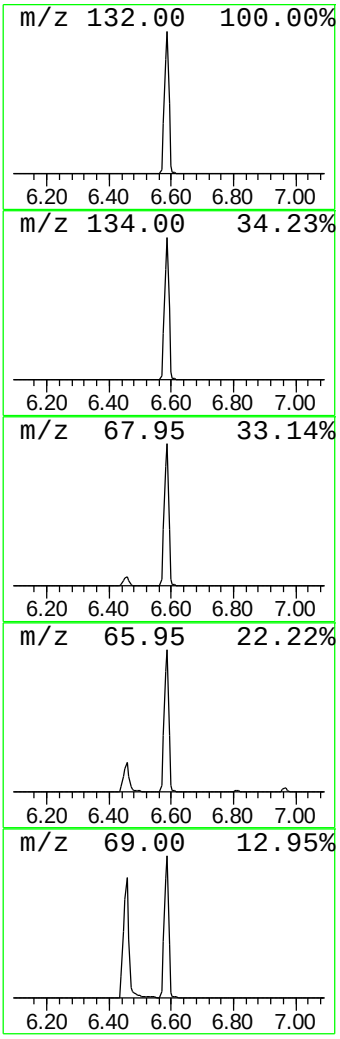
****

Peak Number 2 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	89.28 ng	3912050	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116364.D
Acq On : 17 Aug 2019 18:19
Operator : HP/JU
Sample : K4328-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20190612-LOC-15-CF

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

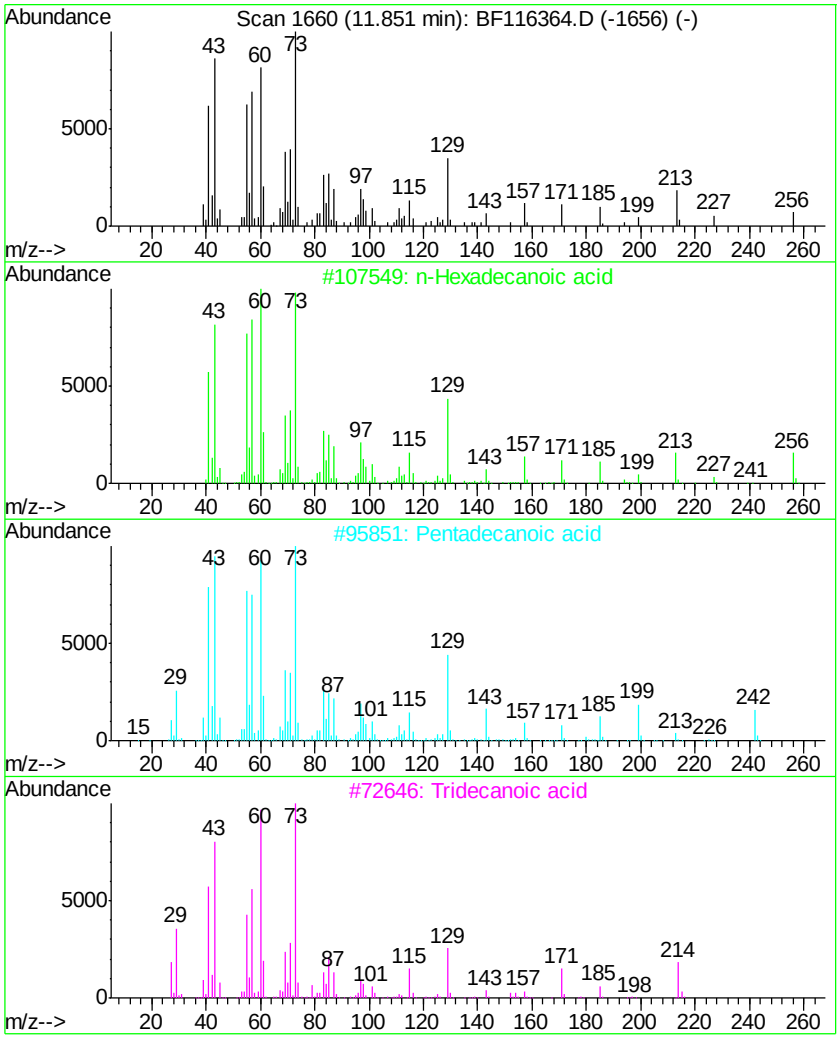
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

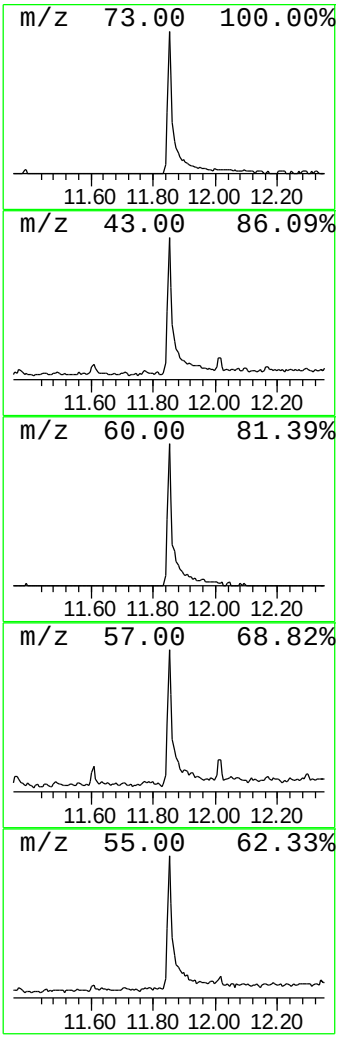
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	4.14 ng	265498	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116364.D
Acq On : 17 Aug 2019 18:19
Operator : HP/JU
Sample : K4328-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20190612-LOC-15-CF

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

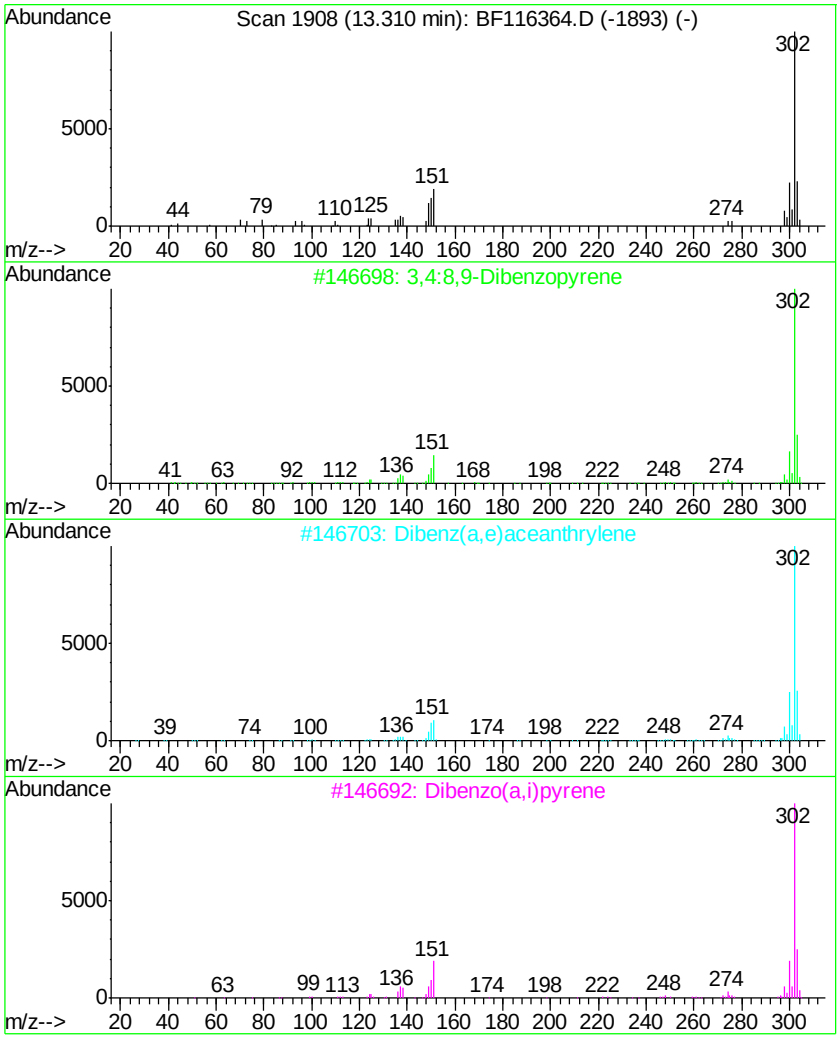
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

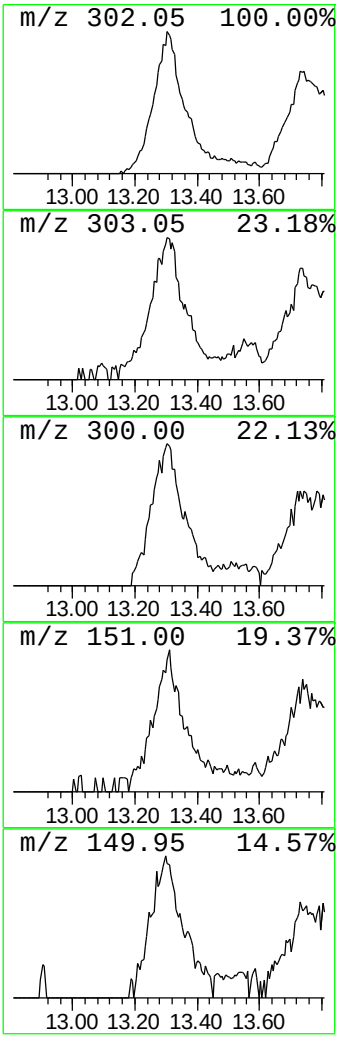
****

Peak Number 5 3,4:8,9-Dibenzopyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	2.95 ng	139720	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	95
2	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	93
3	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	93
4	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	91
5	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116364.D
Acq On : 17 Aug 2019 18:19
Operator : HP/JU
Sample : K4328-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20190612-LOC-15-CF

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

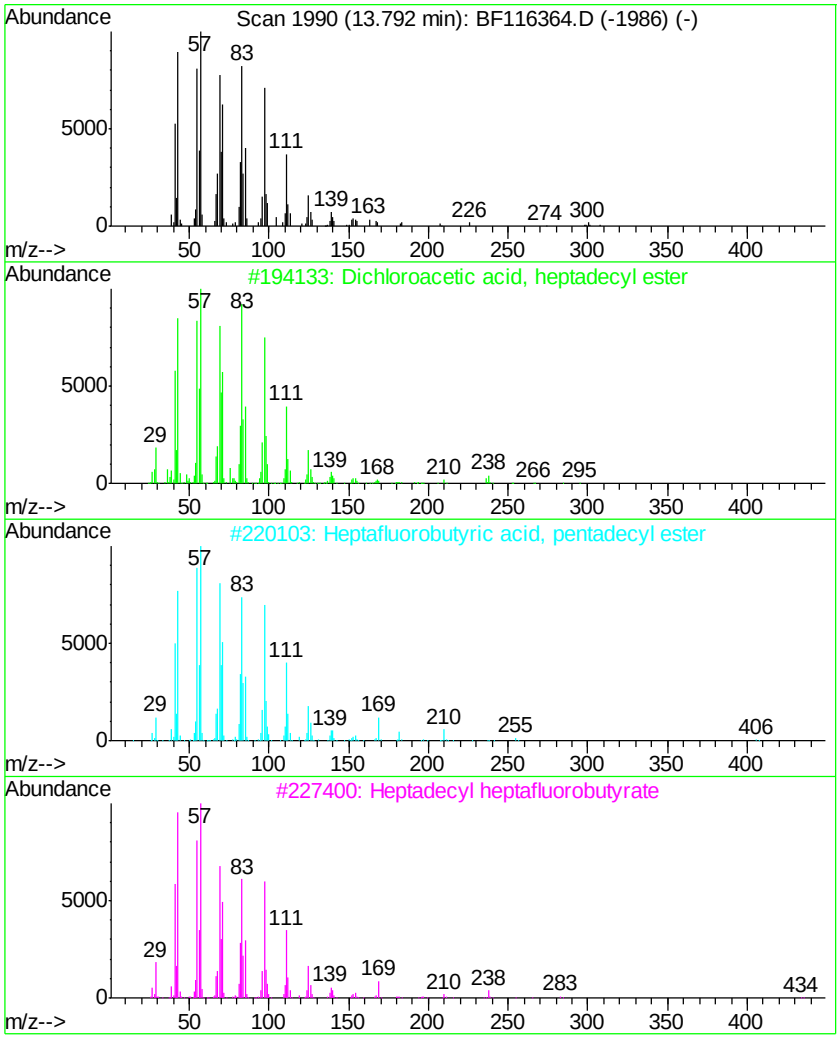
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

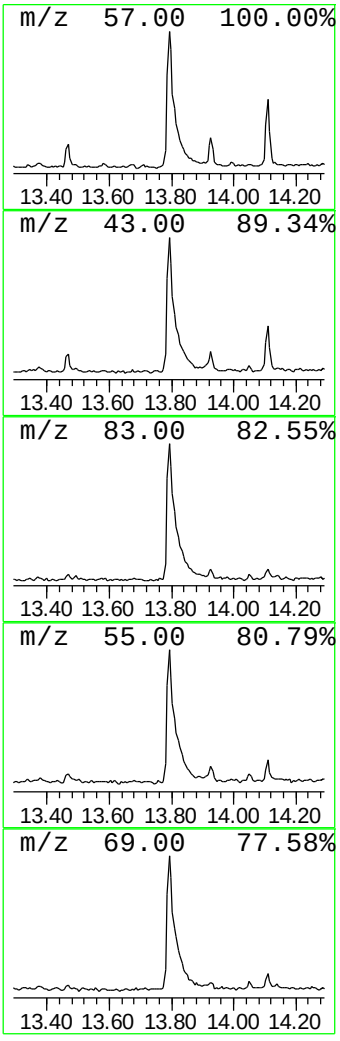
****

Peak Number 6 Dichloroacetic acid, heptad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	9.94 ng	471123	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5	1-Octadecanol	270	C18H38O	000112-92-5	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116364.D
Acq On : 17 Aug 2019 18:19
Operator : HP/JU
Sample : K4328-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20190612-LOC-15-CF

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

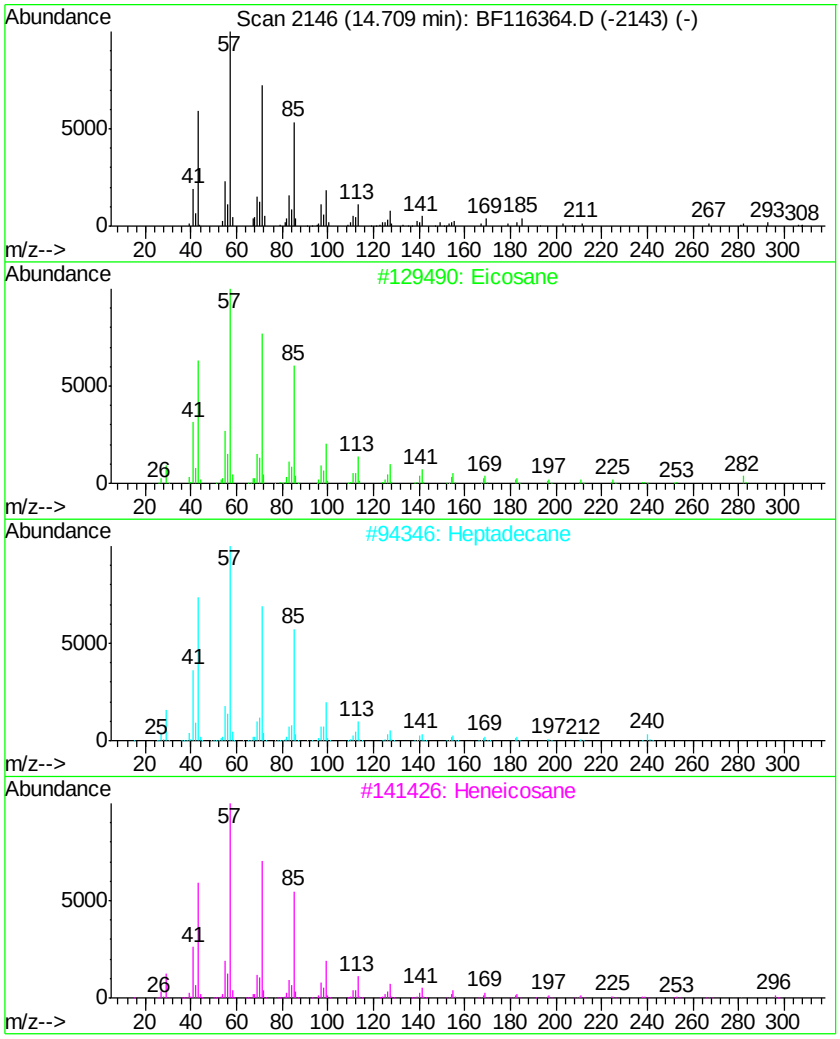
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

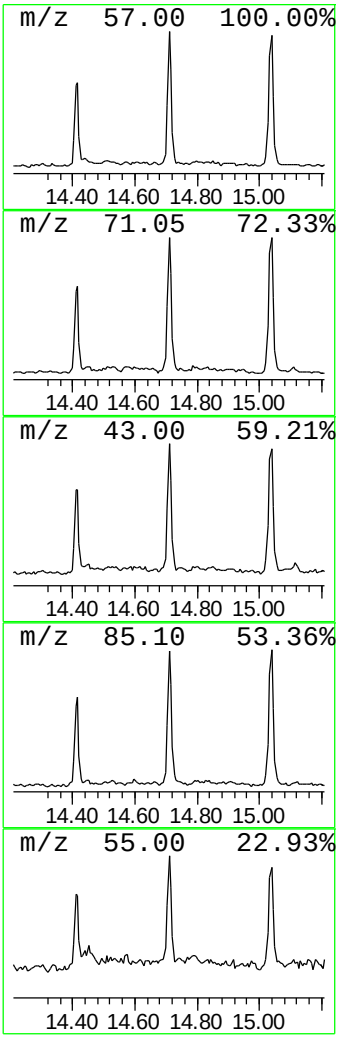
****

Peak Number 7 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	2.32 ng	115928	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heptadecane	240	C17H36	000629-78-7	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Octacosane	394	C28H58	000630-02-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116364.D
Acq On : 17 Aug 2019 18:19
Operator : HP/JU
Sample : K4328-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20190612-LOC-15-CF

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

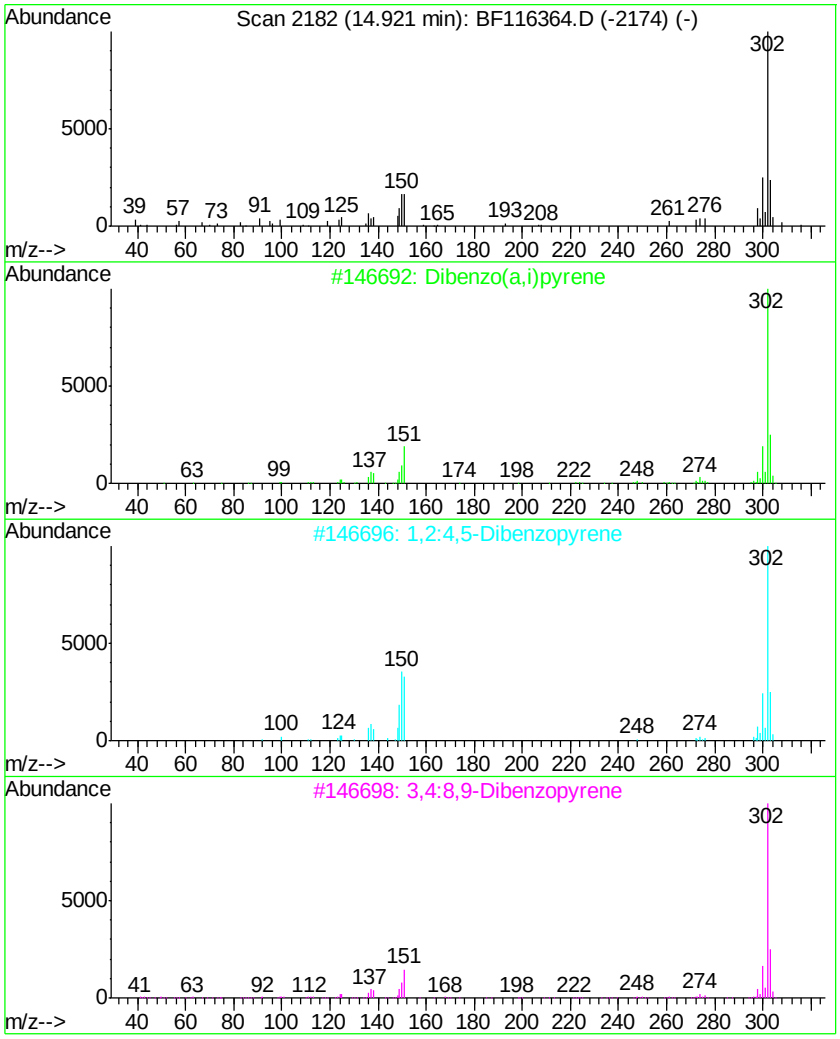
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

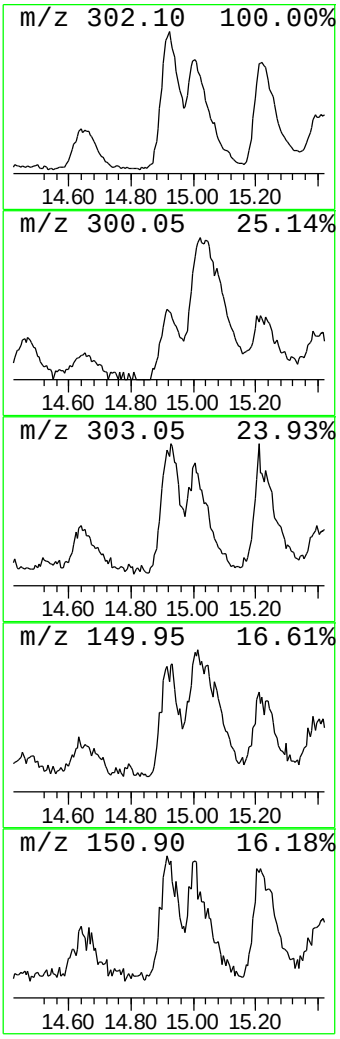
****

Peak Number 8 Dibenzo(a,i)pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	2.25 ng	112593	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	94
2	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	93
3	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	93
4	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	81
5	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116364.D
Acq On : 17 Aug 2019 18:19
Operator : HP/JU
Sample : K4328-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20190612-LOC-15-CF

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

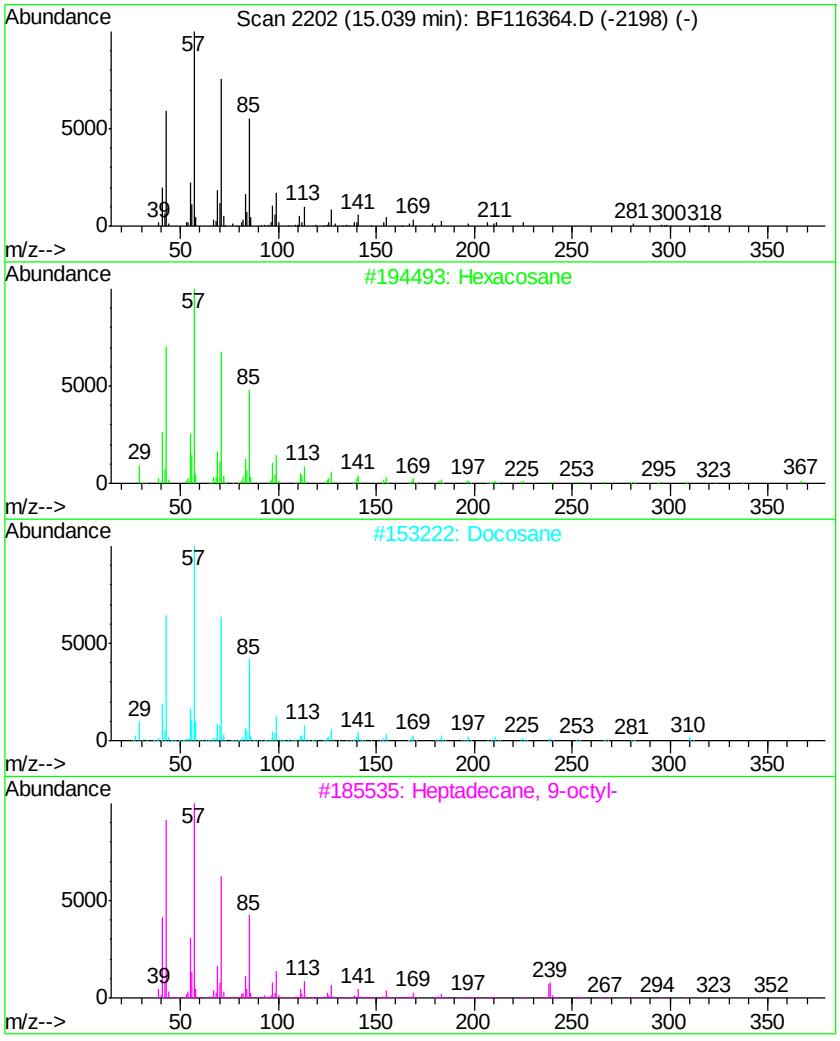
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

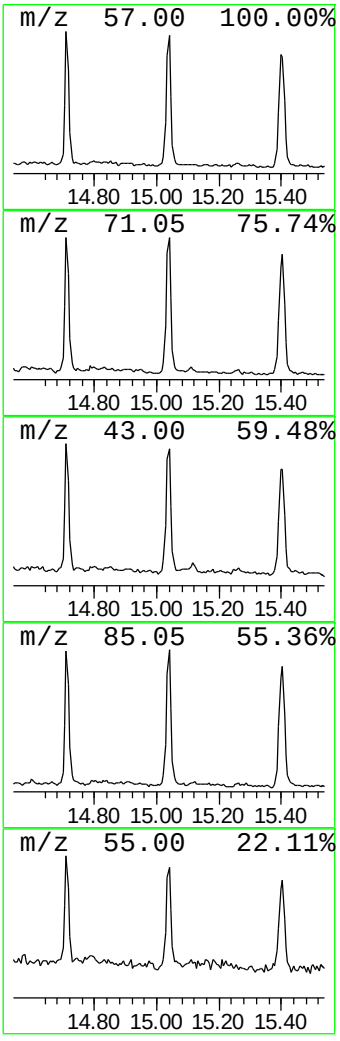
****

Peak Number 9 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	3.40 ng	169632	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Docosane	310	C22H46	000629-97-0	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116364.D
Acq On : 17 Aug 2019 18:19
Operator : HP/JU
Sample : K4328-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20190612-LOC-15-CF

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

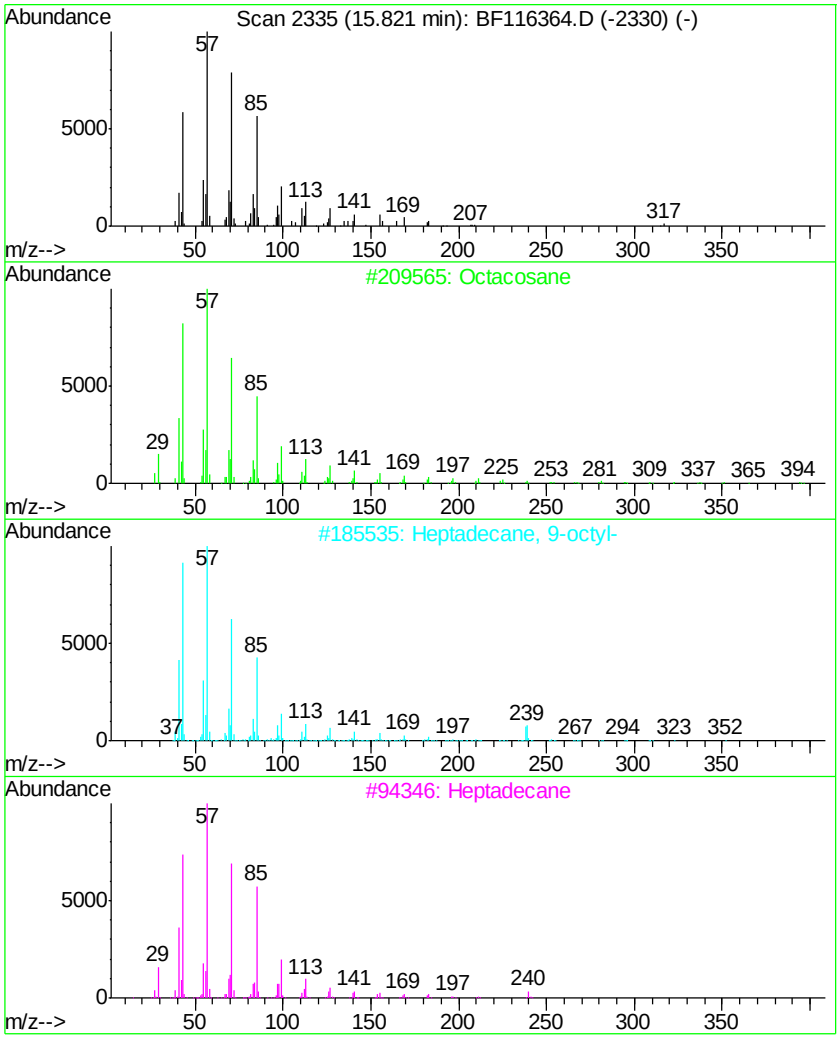
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

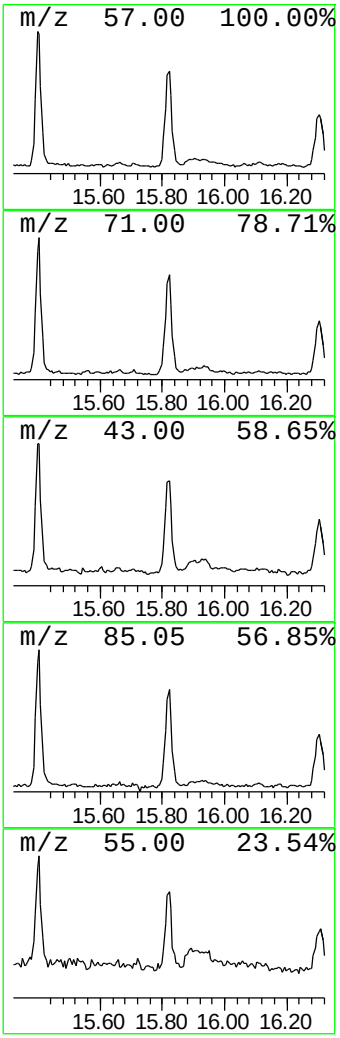
****

Peak Number 10 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	2.25 ng	112566	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Heptacosane	380	C27H56	000593-49-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081719\
Data File : BF116364.D
Acq On : 17 Aug 2019 18:19
Operator : HP/JU
Sample : K4328-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20190612-LOC-15-CF

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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...	2.12	41.8	ng	1829780	1	6.81	876399	20.0
unknown6.59	6.59	89.3	ng	3912050	1	6.81	876399	20.0
n-Hexadecanoic acid	11.85	4.1	ng	265498	4	11.33	1281240	20.0
3,4:8,9-Dibenzopy...	13.31	3.0	ng	139720	5	13.97	948353	20.0
Dichloroacetic ac...	13.79	9.9	ng	471123	5	13.97	948353	20.0
Eicosane	14.71	2.3	ng	115928	6	15.42	999168	20.0
Dibenzo(a,i)pyrene	14.92	2.3	ng	112593	6	15.42	999168	20.0
Hexacosane	15.04	3.4	ng	169632	6	15.42	999168	20.0
Octacosane	15.82	2.3	ng	112566	6	15.42	999168	20.0