LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116393.D
Acq On : 19 Aug 2019 17:51
Operator : HP/JU
Sample : K4350-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-18_081519

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	2.152	8	11	16	rVB	56885	75975	2.36%	0.252%
2	2.210	17	21	42	rVB	679212	1055708	32.73%	3.498%
3	2.363	42	47	59	rVB	564558	754626	23.39%	2.500%
4	2.452	59	62	83	rVB2	19921	50291	1.56%	0.167%
5	2.863	127	132	140	rVB	32184	54449	1.69%	0.180%
6	5.428	565	568	589	rBV	978891	1277422	39.60%	4.232%
7	6.445	738	741	760	rBV	1116136	1413887	43.83%	4.684%
8	6.575	760	763	769	rVV	1762917	1619111	50.19%	5.364%
9	6.628	769	772	780	rVB2	24742	36750	1.14%	0.122%
10	6.798	798	801	810	rBV	454982	456708	14.16%	1.513%
11	6.957	824	828	843	rBV	1459390	1311425	40.65%	4.345%
12	7.363	894	897	916	rBV	1076144	1068063	33.11%	3.539%
13	8.081	1016	1019	1036	rVB	672532	606490	18.80%	2.009%
14	9.151	1197	1201	1212	rBV	2364896	1956582	60.65%	6.482%
15	9.551	1266	1269	1275	rBV	143633	116368	3.61%	0.386%
16	9.833	1313	1317	1326	rVB	892373	728368	22.58%	2.413%
17	10.545	1435	1438	1448	rBV	15785	41631	1.29%	0.138%
18	10.622	1448	1451	1463	rVV	1190905	1180014	36.58%	3.909%
19	11.322	1566	1570	1581	rBV	906113	814828	25.26%	2.700%
20	11.839	1654	1658	1672	rBV2	232411	370301	11.48%	1.227%
21	12.369	1744	1748	1755	rBV4	20757	41171	1.28%	0.136%
22	12.539	1773	1777	1783	rBV	104398	138790	4.30%	0.460%
23	12.621	1786	1791	1800	rVV	439225	633357	19.63%	2.098%
24	12.804	1803	1822	1834	rVV2	776743	3225968	100.00%	10.688%
25	12.898	1834	1838	1842	rVB	2577476	2358848	73.12%	7.815%
26	13.121	1871	1876	1882	rVB3	36140	50293	1.56%	0.167%
27	13.368	1913	1918	1924	rBV3	28874	42155	1.31%	0.140%
28	13.457	1928	1933	1940	rVB2	51211	78547	2.43%	0.260%
29	13.639	1955	1964	1977	rBV7	79723	316112	9.80%	1.047%
30	13.792	1986	1990	2004	rVB2	193739	337449	10.46%	1.118%
31	13.963	2010	2019	2033	rBV2	1564661	2840655	88.06%	9.411%
32	14.098	2039	2042	2046	rVB	106138	101417	3.14%	0.336%
33	14.404	2090	2094	2097	rBV	234738	223669	6.93%	0.741%
34	14.704	2137	2145	2155	rBV	659340	1106808	34.31%	3.667%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116393.D
Acq On : 19 Aug 2019 17:51
Operator : HP/JU
Sample : K4350-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-18_081519

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

35	15.027	2194	2200	2208	rBV2	494524	646993	20.06%	2.144%
36	15.127	2210	2217	2221	rBV5	55371	132066	4.09%	0.438%
37	15.392	2256	2262	2264	rBV2	451120	659386	20.44%	2.185%
38	15.415	2264	2266	2281	rVB	703235	1171782	36.32%	3.882%
39	15.809	2327	2333	2342	rBV	326464	548050	16.99%	1.816%
40	16.286	2408	2414	2428	rVB	198557	441984	13.70%	1.464%
41	16.851	2504	2510	2518	rBV	50876	99264	3.08%	0.329%

Sum of corrected areas: 30183761

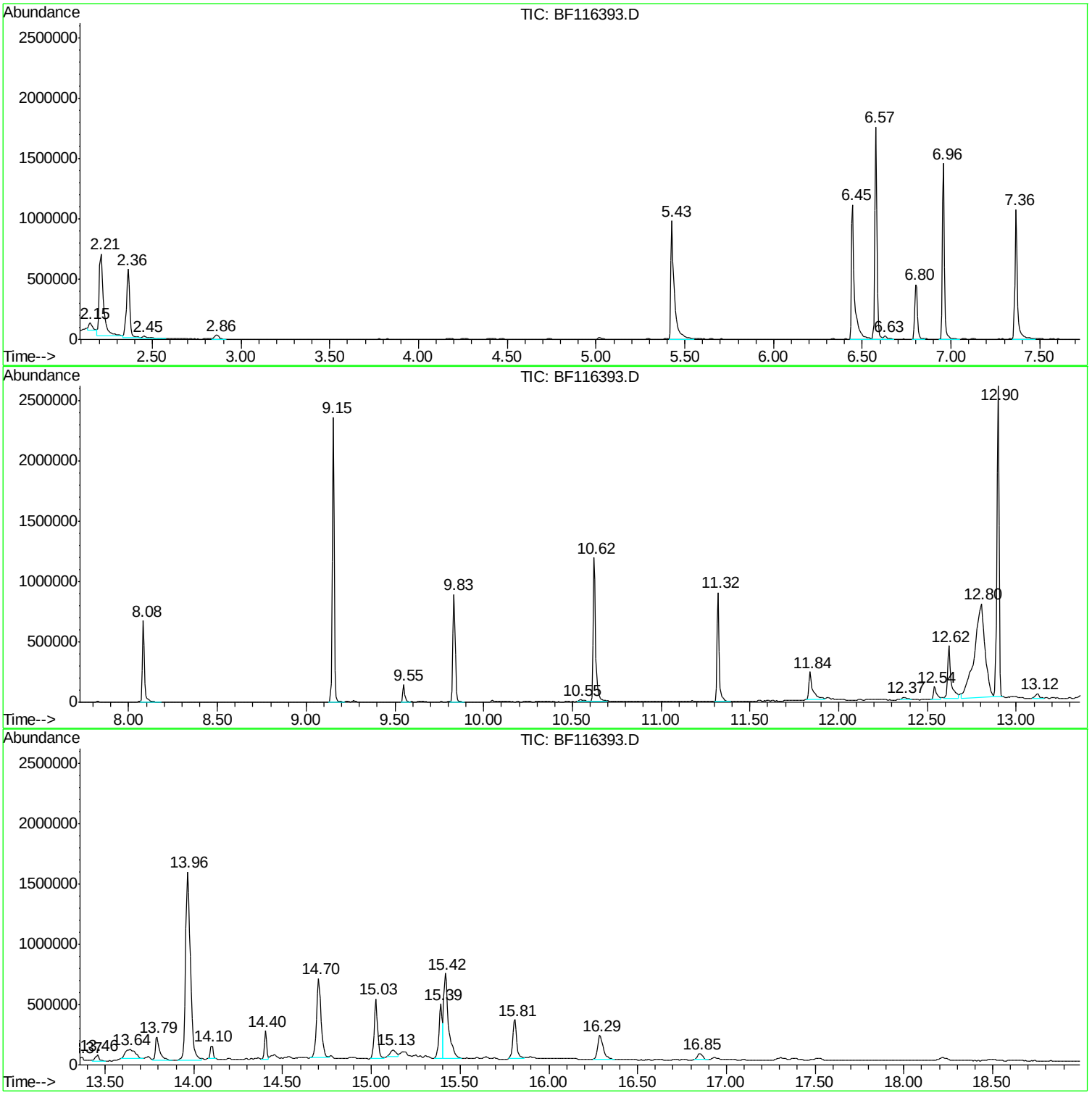
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116393.D
Acq On : 19 Aug 2019 17:51
Operator : HP/JU
Sample : K4350-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-18_081519

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\BF081919\
Data File : BF116393.D
Acq On : 19 Aug 2019 17:51
Operator : HP/JU
Sample : K4350-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-18_081519

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

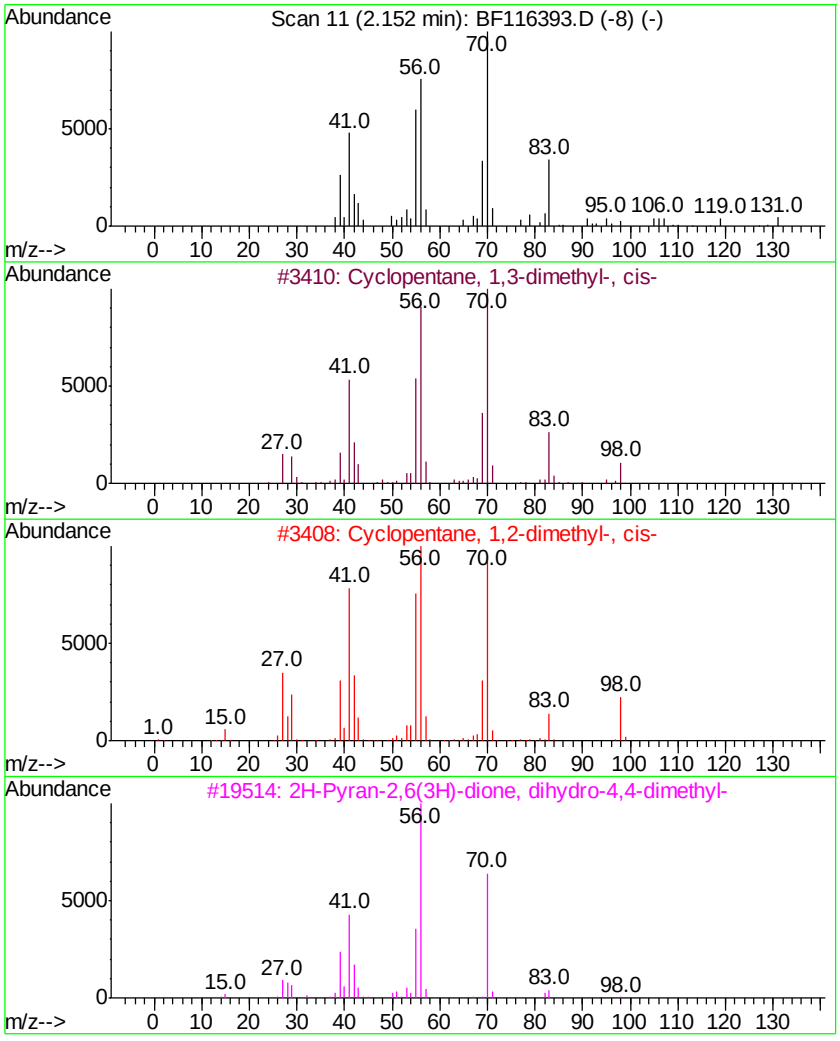
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

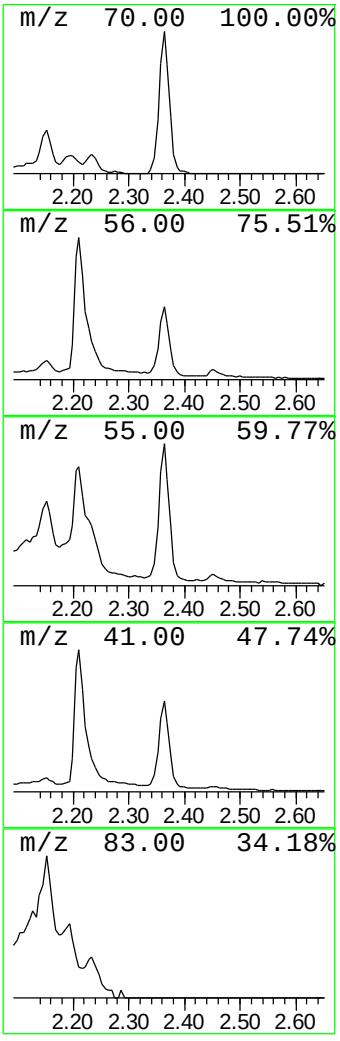
****

Peak Number 1 Cyclopentane, 1,3-dimethyl-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	3.33 ng	75975	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	78
2	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	72
3	2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	64
4	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	64
5	1-Pentene, 3,4-dimethyl-	98	C7H14	007385-78-6	56





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116393.D
Acq On : 19 Aug 2019 17:51
Operator : HP/JU
Sample : K4350-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-18_081519

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

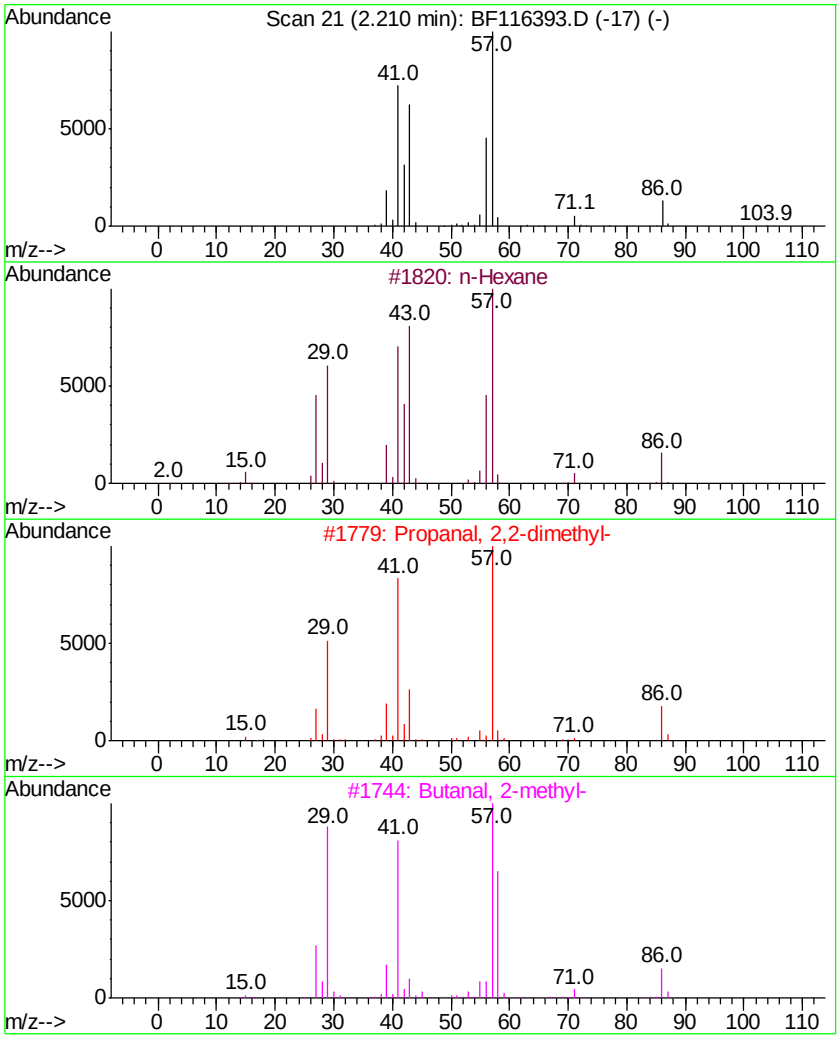
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

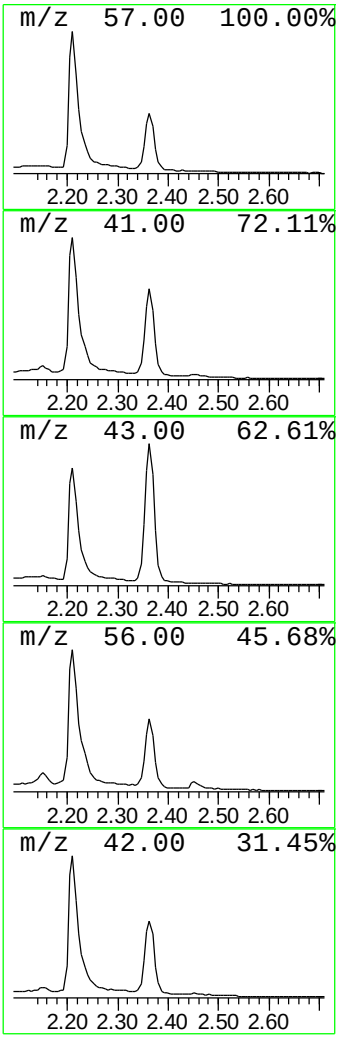
****

Peak Number 2 n-Hexane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.21	46.23 ng	1055710	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	35
3	Butanal, 2-methyl-	86	C5H10O	000096-17-3	35
4	Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	28
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	28





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116393.D
Acq On : 19 Aug 2019 17:51
Operator : HP/JU
Sample : K4350-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-18_081519

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

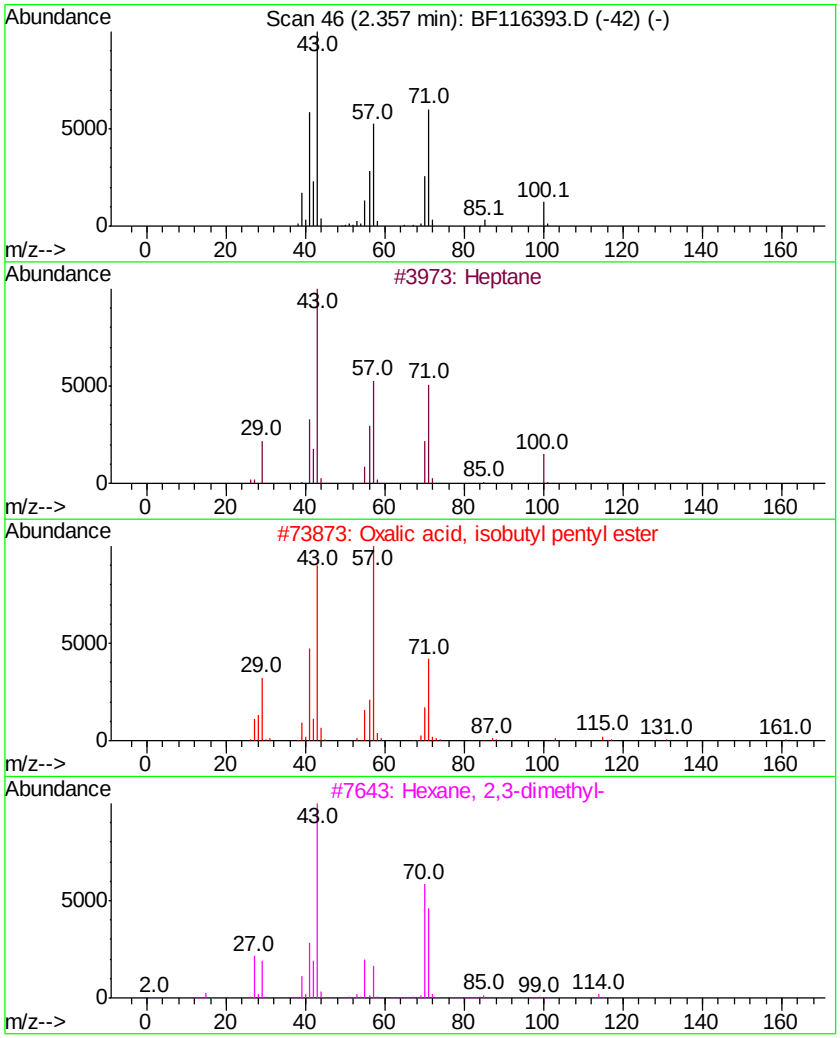
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

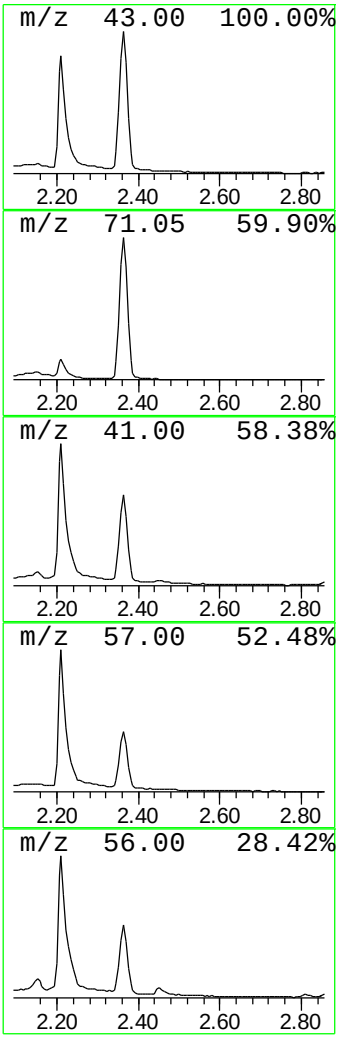
****

Peak Number 3 Heptane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.36	33.05 ng	754626	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	59
3	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	40
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	38
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	37





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116393.D
Acq On : 19 Aug 2019 17:51
Operator : HP/JU
Sample : K4350-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-18_081519

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

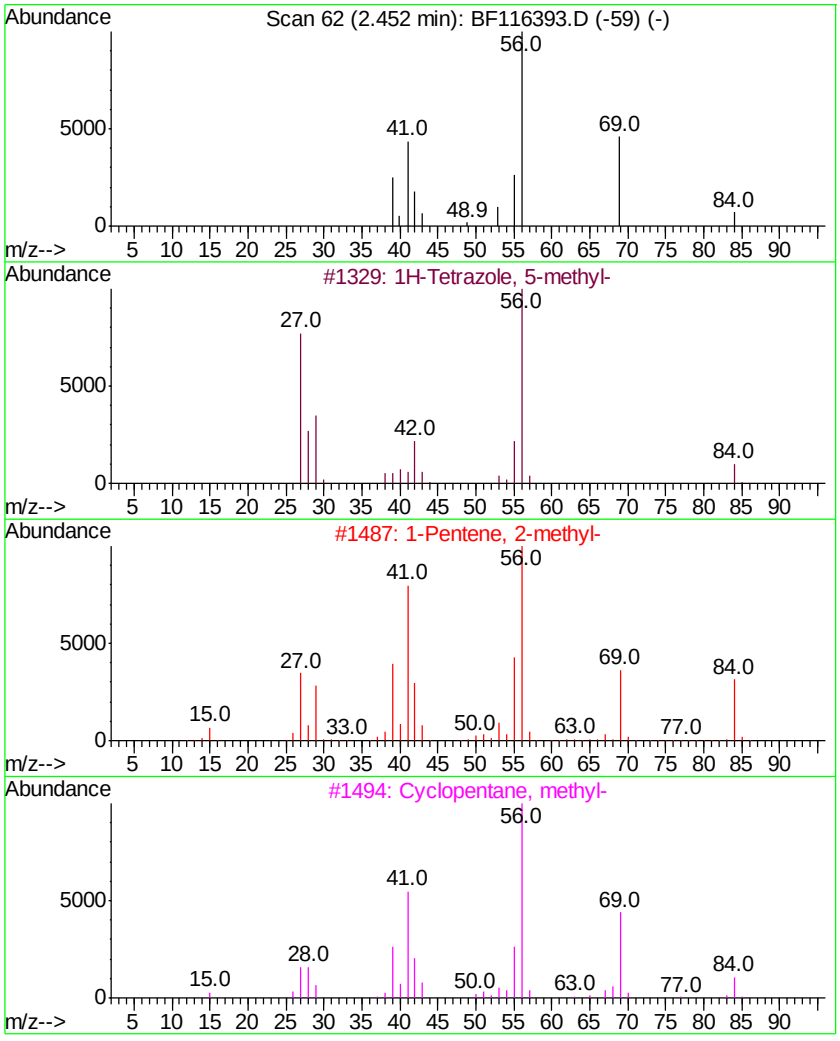
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

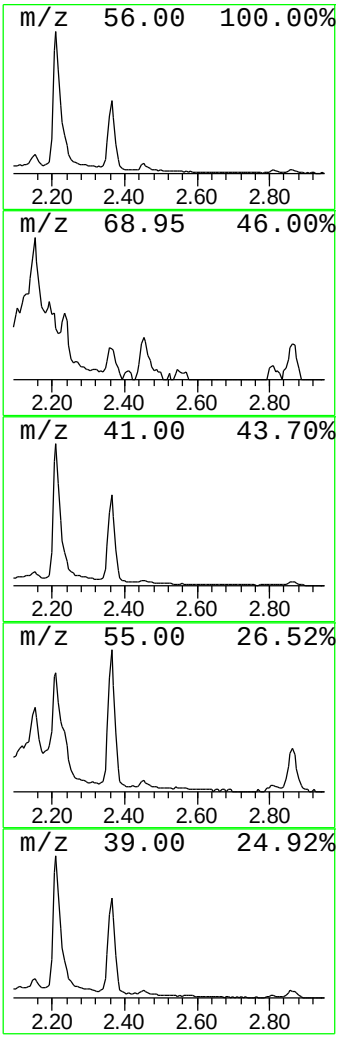
****

Peak Number 4 unknown2.45 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.45	2.20 ng	50291	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	9
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	9
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	9
4	4-Pentenal	84	C5H8O	002100-17-6	7
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	7





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116393.D
Acq On : 19 Aug 2019 17:51
Operator : HP/JU
Sample : K4350-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-18_081519

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

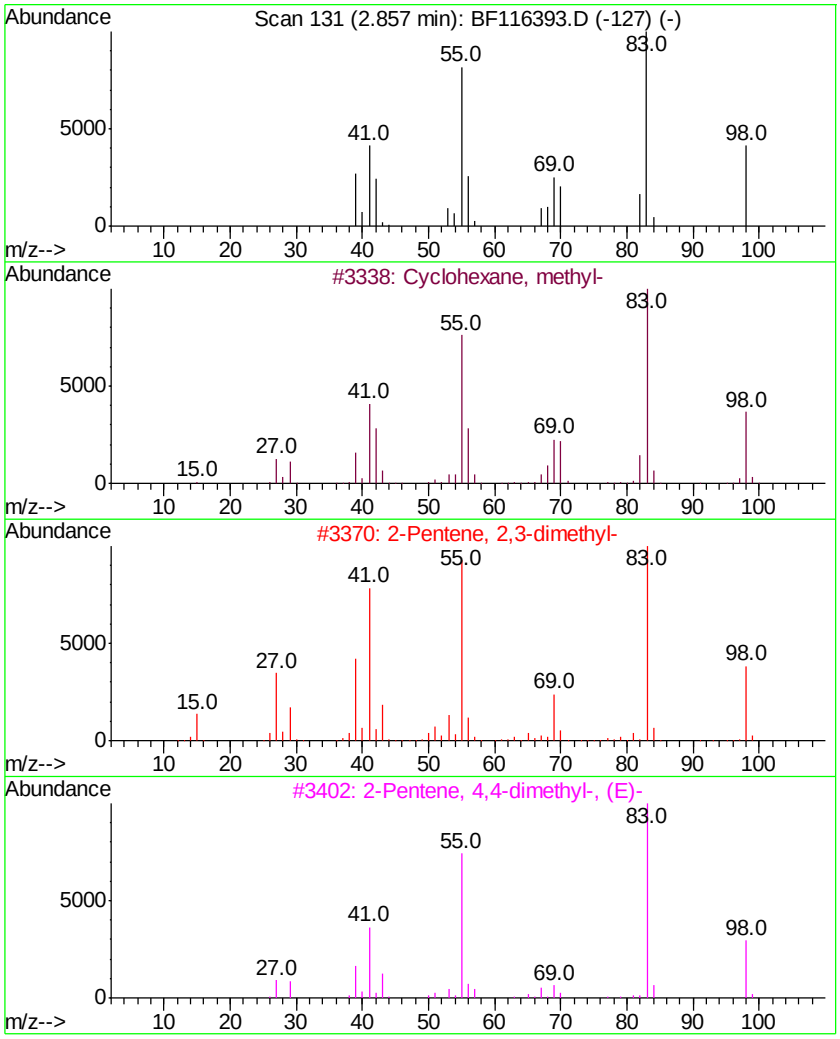
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

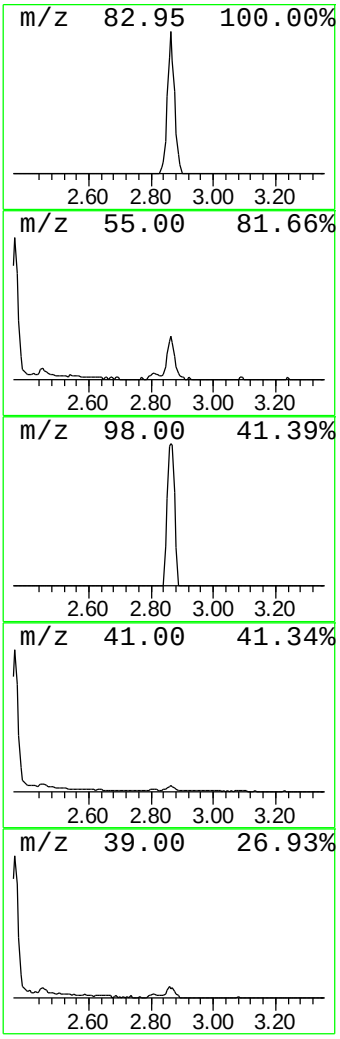
****

Peak Number 5 Cyclohexane, methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.86	2.38 ng	54449	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	91
2	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	53
3	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	50
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	50
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116393.D
Acq On : 19 Aug 2019 17:51
Operator : HP/JU
Sample : K4350-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-18_081519

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

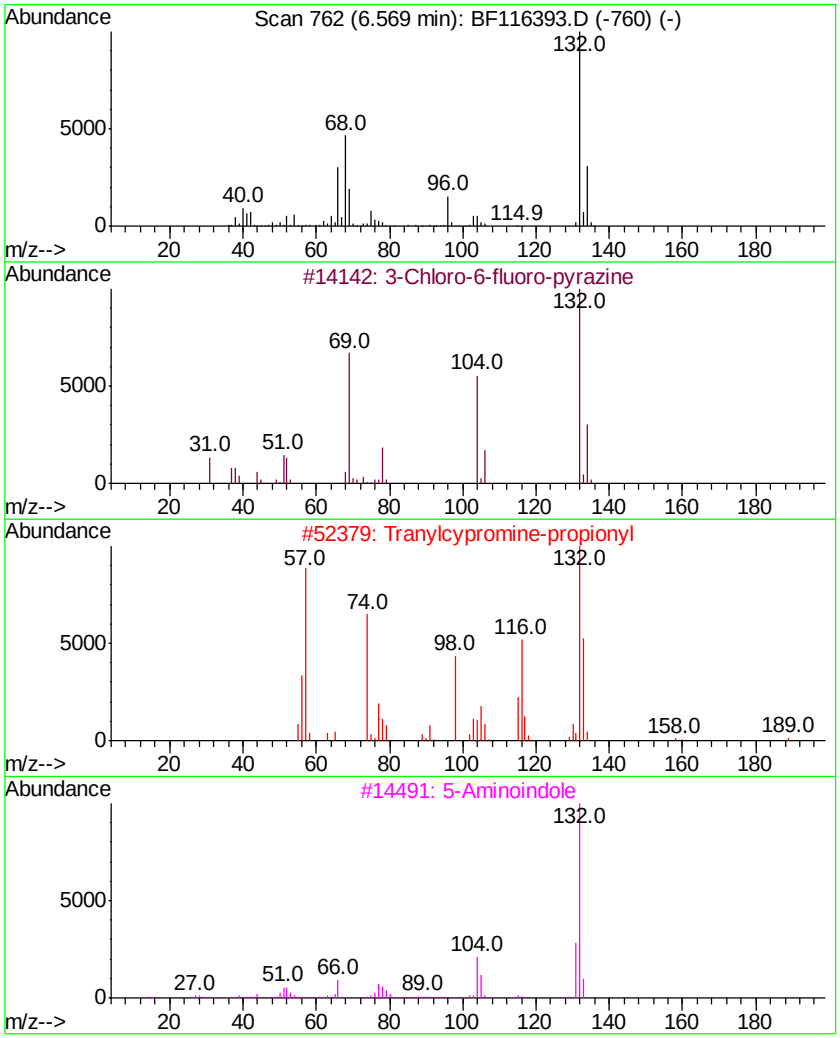
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

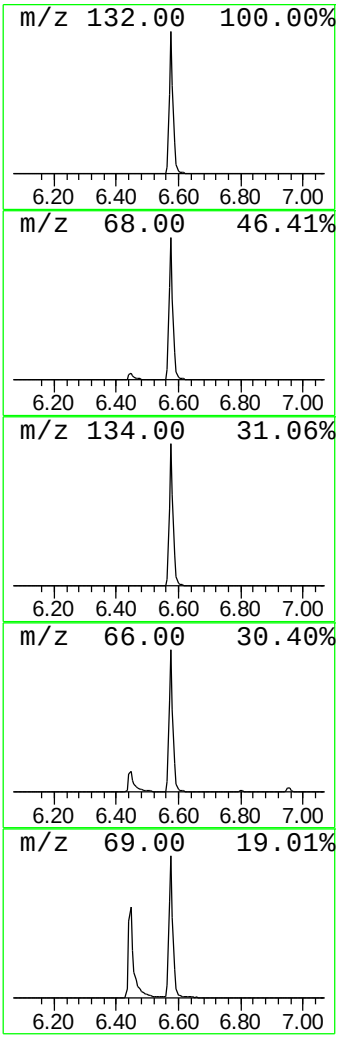
****

Peak Number 6 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	70.90 ng	1619110	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116393.D
Acq On : 19 Aug 2019 17:51
Operator : HP/JU
Sample : K4350-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-18_081519

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

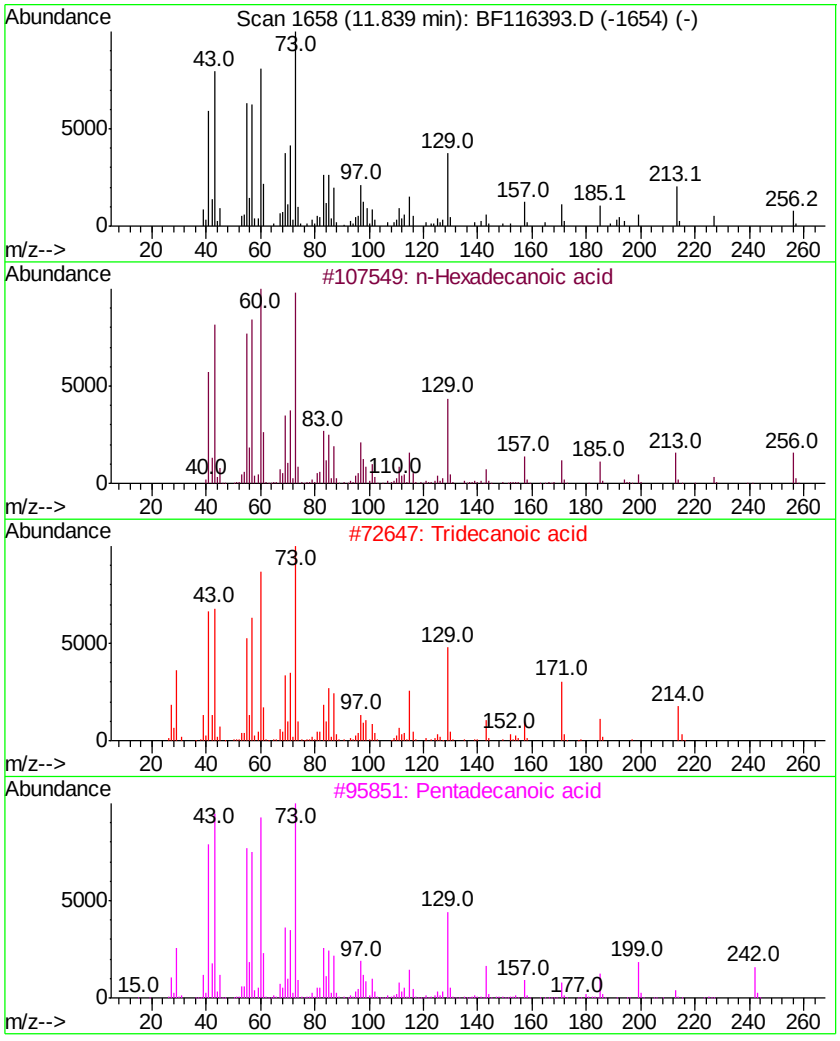
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

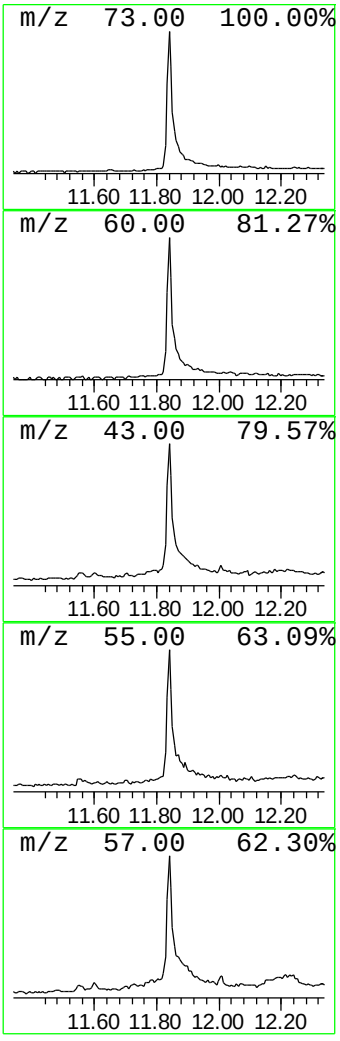
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	9.09 ng	370301	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116393.D
Acq On : 19 Aug 2019 17:51
Operator : HP/JU
Sample : K4350-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-18_081519

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

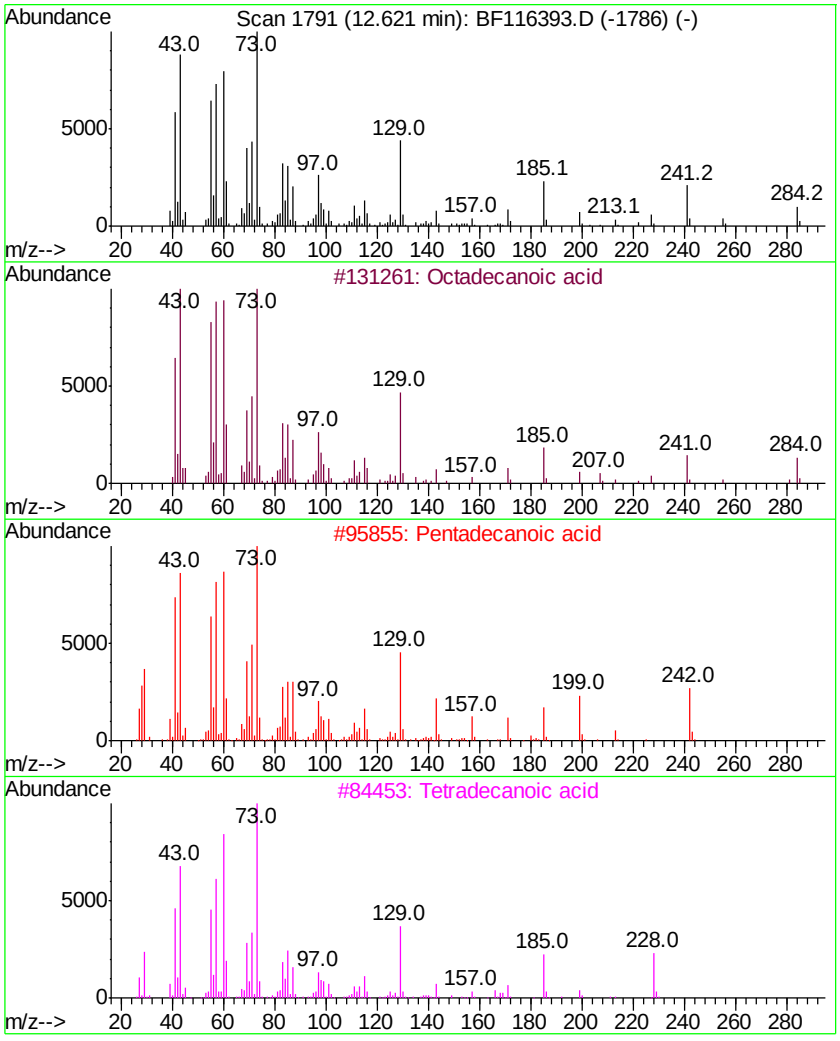
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

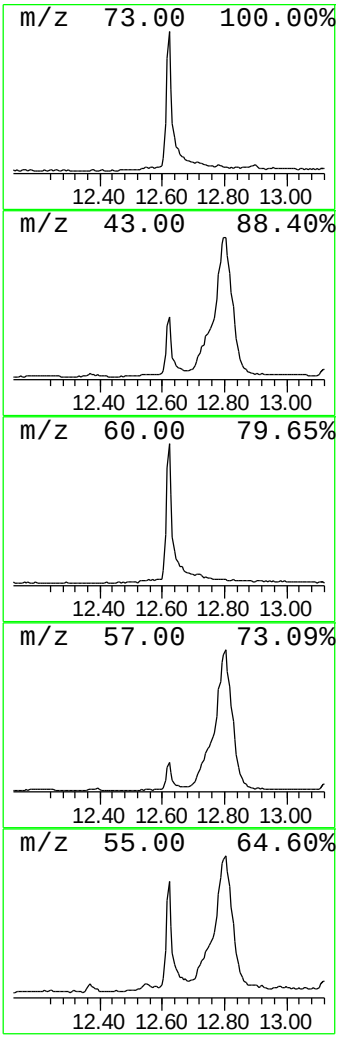
****

Peak Number 9 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	15.55 ng	633357	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116393.D
Acq On : 19 Aug 2019 17:51
Operator : HP/JU
Sample : K4350-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-18_081519

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

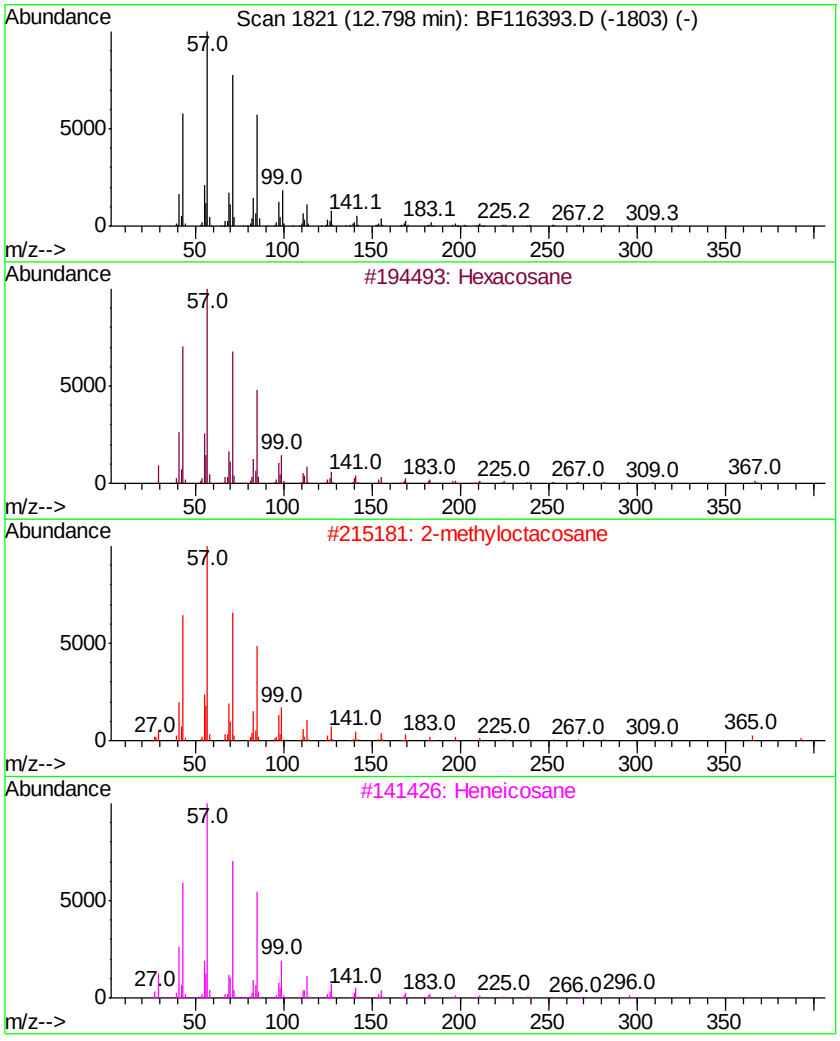
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

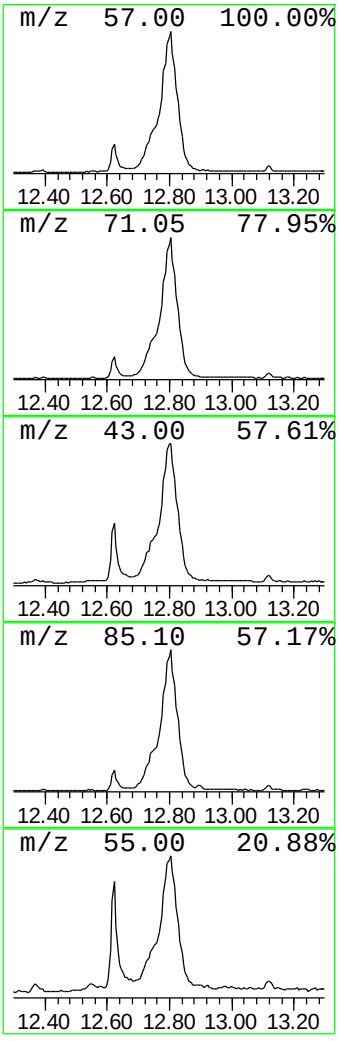
****

Peak Number 10 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	22.71 ng	3225970	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Octacosane	394	C28H58	000630-02-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116393.D
Acq On : 19 Aug 2019 17:51
Operator : HP/JU
Sample : K4350-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-18_081519

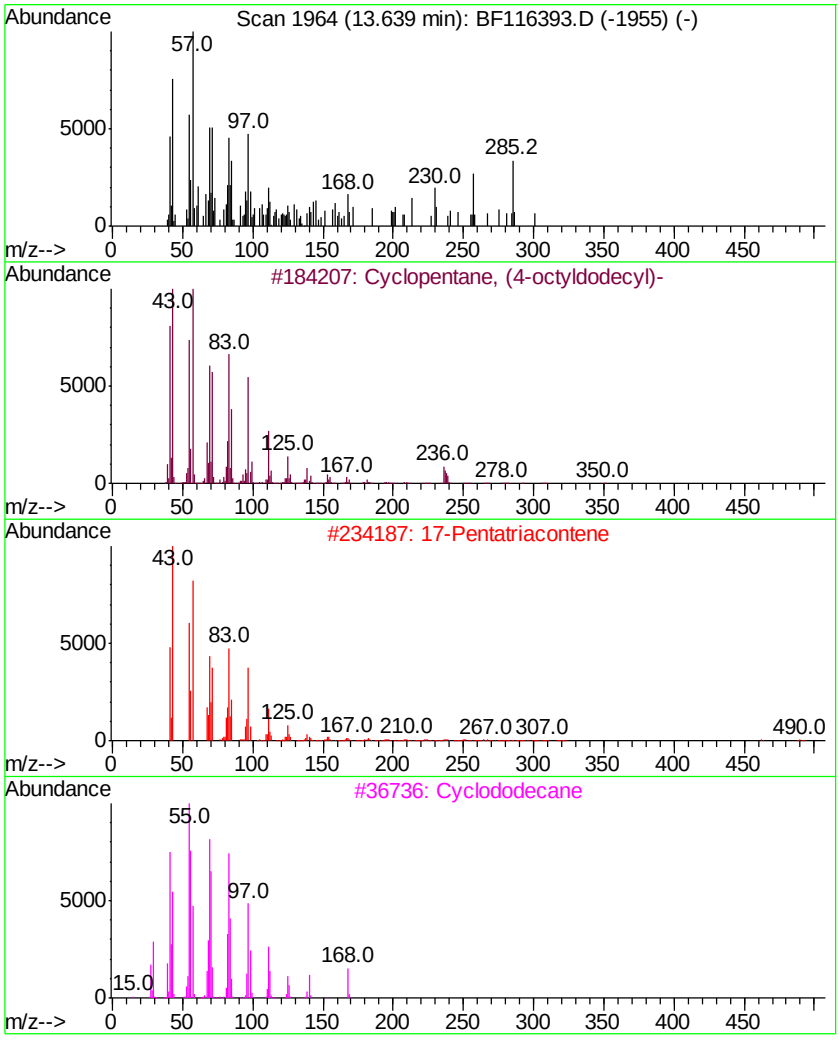
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

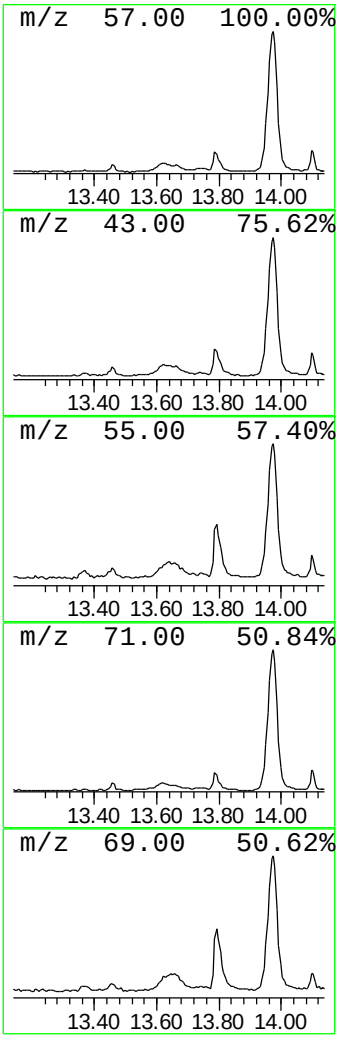
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopentane, (4-octyldodec... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	2.23 ng	316112	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	60
2	17-Pentatriacontene	491	C35H70	006971-40-0	58
3	Cyclododecane	168	C12H24	000294-62-2	52
4	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	49
5	Acetic acid n-octadecyl ester	312	C20H40O2	000822-23-1	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116393.D
Acq On : 19 Aug 2019 17:51
Operator : HP/JU
Sample : K4350-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-18_081519

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

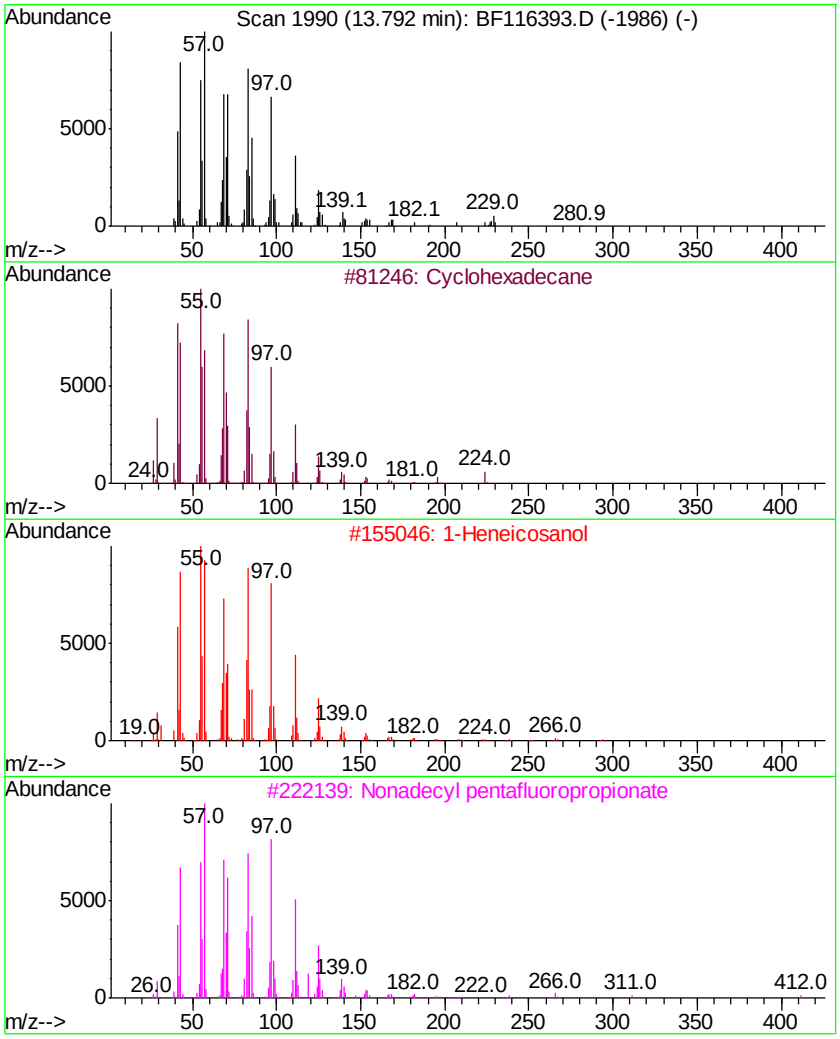
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

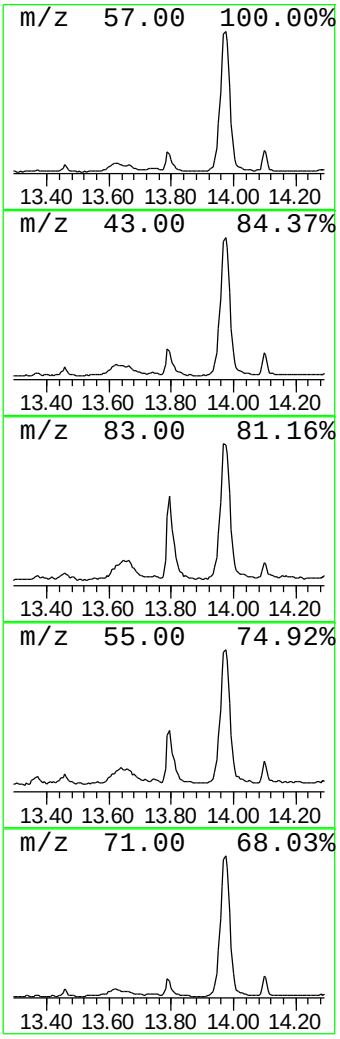
****

Peak Number 12 Cyclohexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	2.38 ng	337449	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	97
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116393.D
Acq On : 19 Aug 2019 17:51
Operator : HP/JU
Sample : K4350-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-18_081519

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

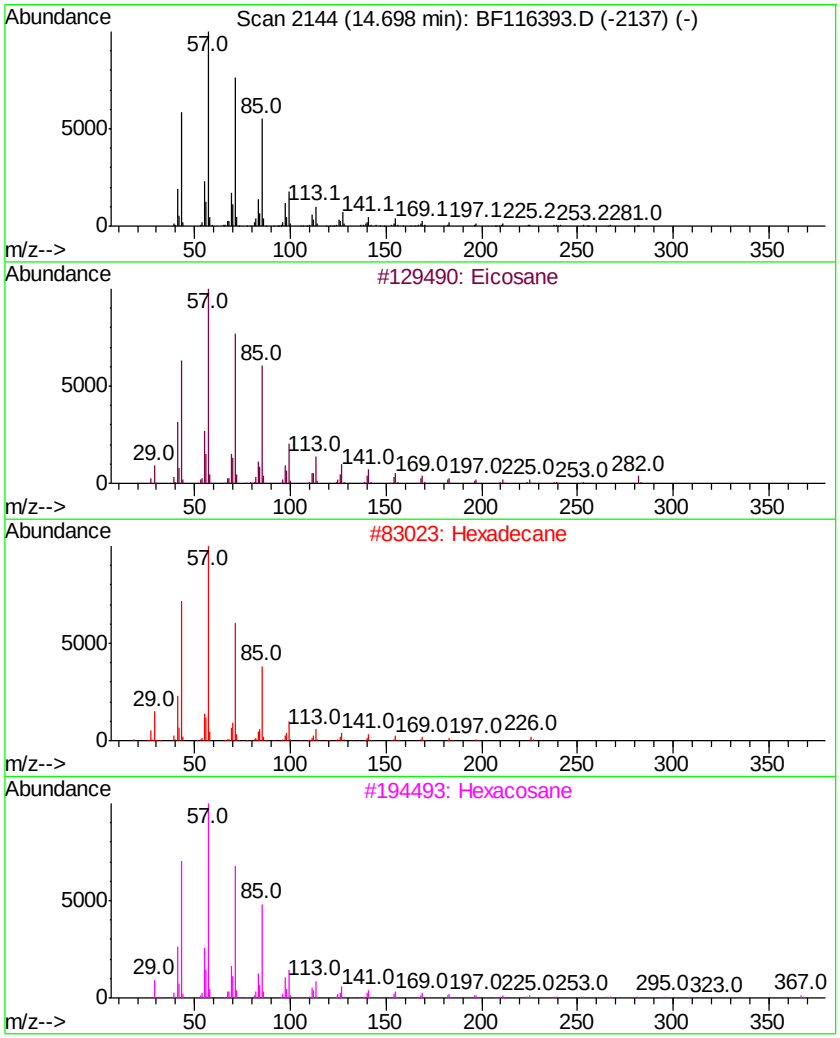
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

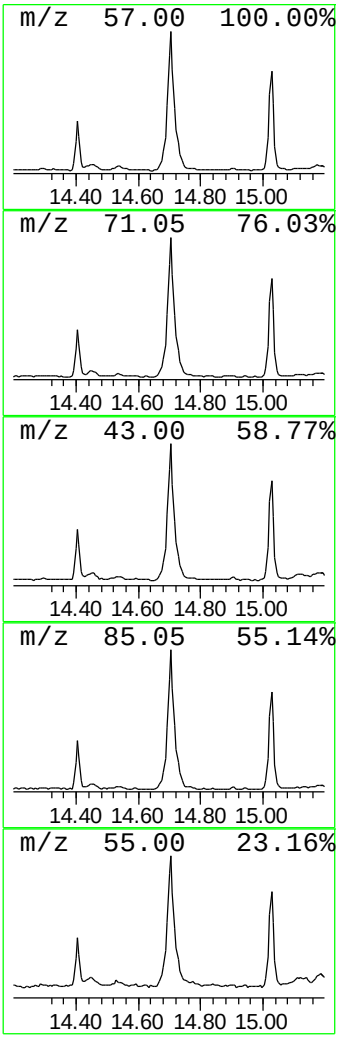
****

Peak Number 13 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	18.89 ng	1106810	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Hexadecane	226	C16H34	000544-76-3	95
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octacosane	394	C28H58	000630-02-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116393.D
Acq On : 19 Aug 2019 17:51
Operator : HP/JU
Sample : K4350-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-18_081519

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

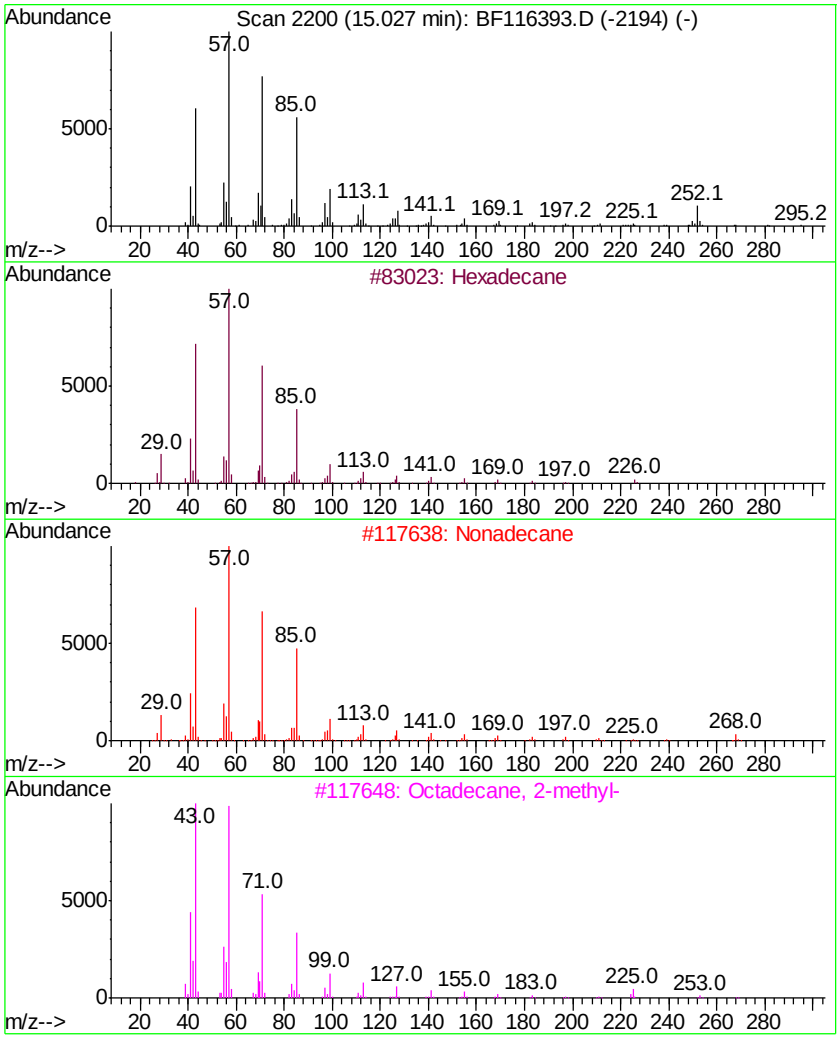
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

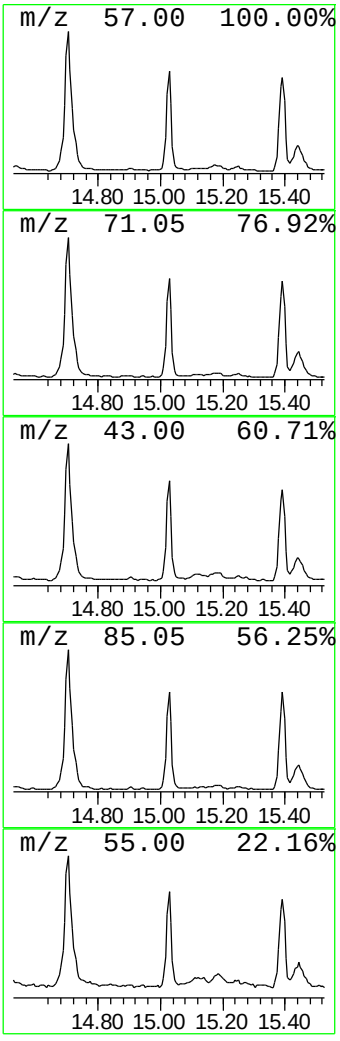
****

Peak Number 14 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	11.04 ng	646993	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Nonadecane	268	C19H40	000629-92-5	94
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116393.D
Acq On : 19 Aug 2019 17:51
Operator : HP/JU
Sample : K4350-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-18_081519

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

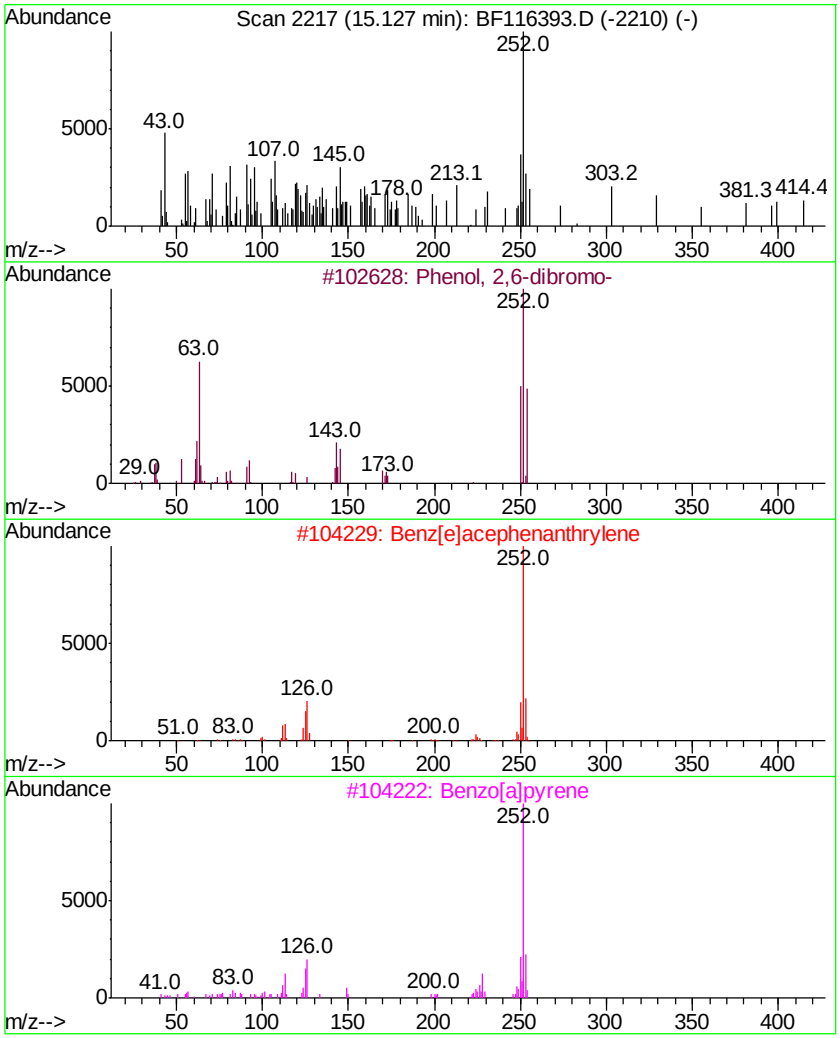
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

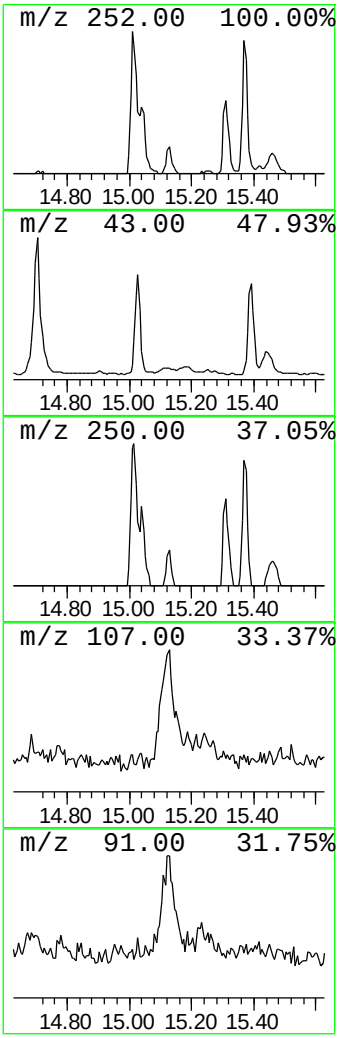
****

Peak Number 15 unknown15.13 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	2.25 ng	132066	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dibromo-	250	C6H4Br2O	000608-33-3	43
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	42
3	Benzo[a]pyrene	252	C20H12	000050-32-8	42
4	Perylene	252	C20H12	000198-55-0	42
5	Phenol, 2,4-dibromo-	250	C6H4Br2O	000615-58-7	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116393.D
Acq On : 19 Aug 2019 17:51
Operator : HP/JU
Sample : K4350-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-18_081519

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

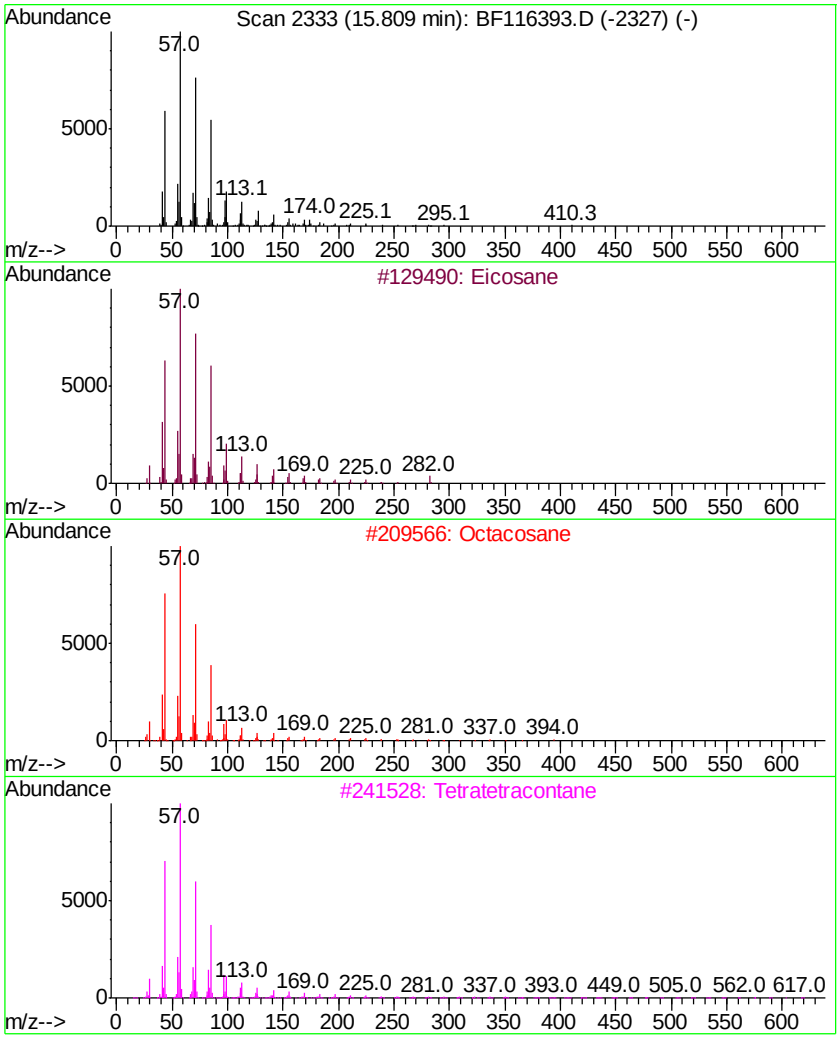
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

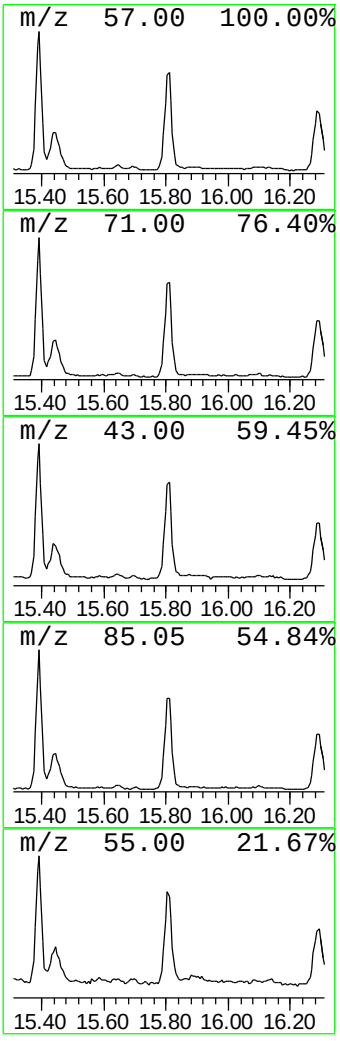
****

Peak Number 16 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	9.35 ng	548050	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	92
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116393.D
Acq On : 19 Aug 2019 17:51
Operator : HP/JU
Sample : K4350-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-18_081519

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

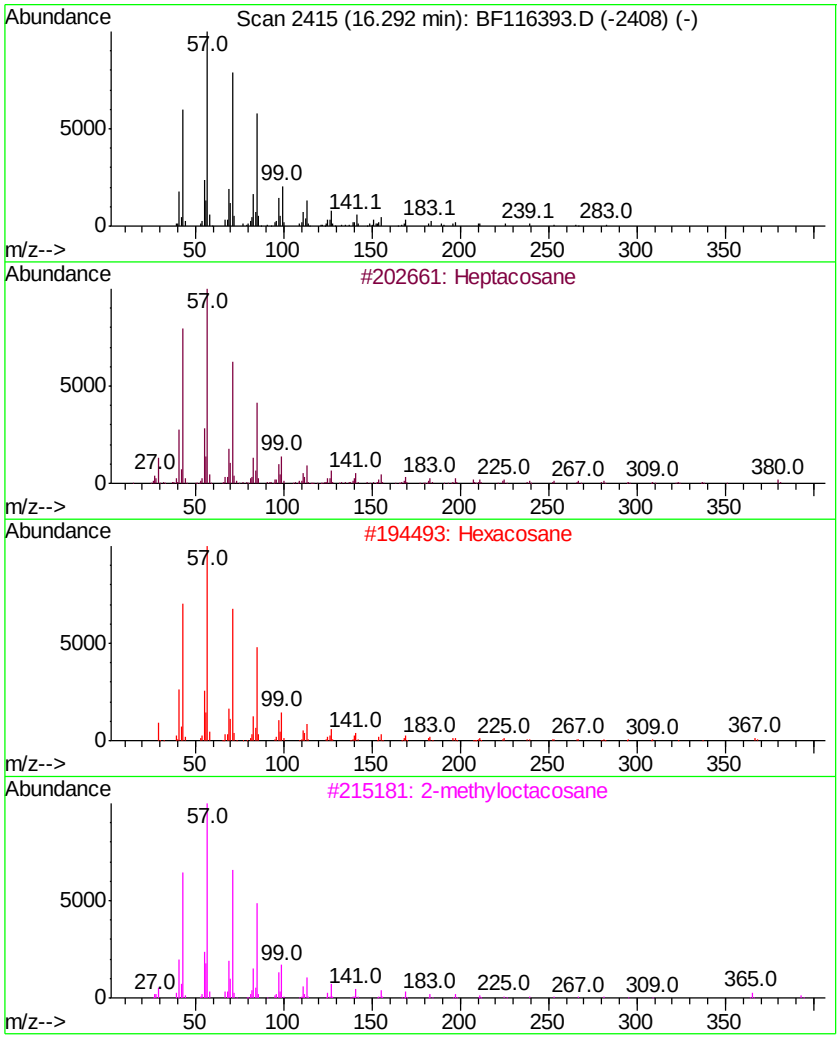
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

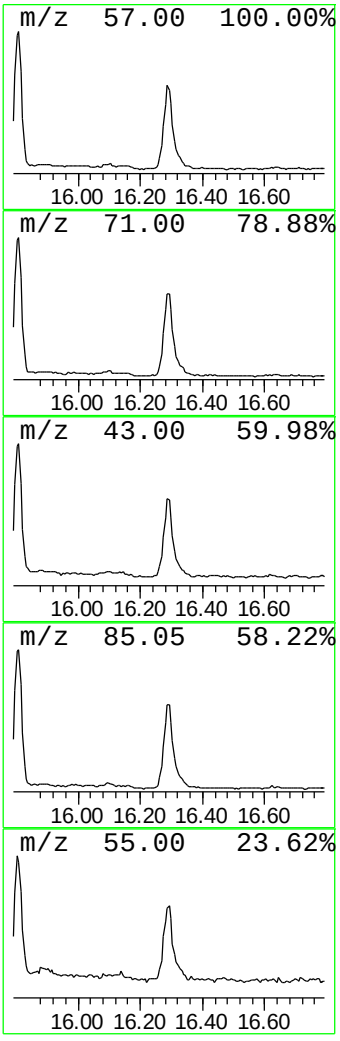
****

Peak Number 17 Docosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	7.54 ng	441984	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Docosane	310	C22H46	000629-97-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
Data File : BF116393.D
Acq On : 19 Aug 2019 17:51
Operator : HP/JU
Sample : K4350-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-18_081519

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
Cyclopentane, 1,3...	2.15	3.3	ng	75975	1	6.80	456708	20.0
n-Hexane	2.21	46.2	ng	1055710	1	6.80	456708	20.0
Heptane	2.36	33.0	ng	754626	1	6.80	456708	20.0
unknown2.45	2.45	2.2	ng	50291	1	6.80	456708	20.0
Cyclohexane, methyl-	2.86	2.4	ng	54449	1	6.80	456708	20.0
unknown6.57	6.57	70.9	ng	1619110	1	6.80	456708	20.0
n-Hexadecanoic acid	11.84	9.1	ng	370301	4	11.32	814828	20.0
Octadecanoic acid	12.62	15.6	ng	633357	4	11.32	814828	20.0
2-methyloctacosane	12.80	22.7	ng	3225970	5	13.96	2840660	20.0
Cyclopentane, (4-...	13.64	2.2	ng	316112	5	13.96	2840660	20.0
Cyclohexadecane	13.79	2.4	ng	337449	5	13.96	2840660	20.0
Eicosane	14.70	18.9	ng	1106810	6	15.42	1171780	20.0
Hexadecane	15.03	11.0	ng	646993	6	15.42	1171780	20.0
unknown15.13	15.13	2.3	ng	132066	6	15.42	1171780	20.0
Octacosane	15.81	9.3	ng	548050	6	15.42	1171780	20.0
Docosane	16.29	7.5	ng	441984	6	15.42	1171780	20.0