LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116097.D
Acq On : 9 Aug 2019 4:44
Operator : HP/JU
Sample : K4154-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-5

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	5.463	570	574	597	rBV	2015337	2146371	91.00%	8.805%
2	6.475	742	746	765	rBV	2209459	2358699	100.00%	9.676%
3	6.610	765	769	788	rVB	2590153	2347302	99.52%	9.630%
4	6.840	804	808	815	rBV	868121	802079	34.01%	3.291%
5	6.992	830	834	844	rBV	1661303	1464429	62.09%	6.008%
6	7.398	899	903	920	rBV	1482115	1389896	58.93%	5.702%
7	8.116	1022	1025	1043	rBV	1089983	1052947	44.64%	4.320%
8	9.186	1204	1207	1217	rBV	2125154	2071412	87.82%	8.498%
9	9.310	1224	1228	1232	rVB	100906	103286	4.38%	0.424%
10	9.581	1271	1274	1284	rBV	500420	538560	22.83%	2.209%
11	9.869	1320	1323	1334	rVB	1336733	1191350	50.51%	4.887%
12	10.522	1430	1434	1439	rVB2	35716	42954	1.82%	0.176%
13	10.657	1454	1457	1468	rBV	1073789	1177152	49.91%	4.829%
14	10.786	1474	1479	1486	rVB	89088	99734	4.23%	0.409%
15	11.251	1555	1558	1564	rVB3	61648	69704	2.96%	0.286%
16	11.357	1572	1576	1579	rBV	1117365	994821	42.18%	4.081%
17	11.380	1579	1580	1583	rVB	110571	66276	2.81%	0.272%
18	11.586	1609	1615	1623	rBV4	54785	133456	5.66%	0.547%
19	11.863	1658	1662	1663	rBV	30746	32619	1.38%	0.134%
20	11.880	1663	1665	1672	rVB3	93983	129847	5.51%	0.533%
21	11.969	1678	1680	1683	rBV2	49143	48347	2.05%	0.198%
22	12.410	1750	1755	1758	rBV2	70820	98709	4.18%	0.405%
23	12.439	1758	1760	1763	rVB4	30153	33739	1.43%	0.138%
24	12.569	1780	1782	1785	rBV	159059	157010	6.66%	0.644%
25	12.669	1796	1799	1801	rBV3	22422	28320	1.20%	0.116%
26	12.727	1806	1809	1811	rVV2	29430	29235	1.24%	0.120%
27	12.798	1816	1821	1828	rBV	199100	265969	11.28%	1.091%
28	12.933	1840	1844	1848	rBV	1490793	1481032	62.79%	6.076%
29	13.163	1881	1883	1886	rBV	32024	29077	1.23%	0.119%
30	13.239	1893	1896	1897	rBV	35432	40883	1.73%	0.168%
31	13.410	1923	1925	1928	rVB2	39009	36568	1.55%	0.150%
32	13.474	1932	1936	1939	rBV	197534	206293	8.75%	0.846%
33	13.721	1976	1978	1981	rBV2	50839	55425	2.35%	0.227%
34	13.751	1981	1983	1985	rVB	54045	42824	1.82%	0.176%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116097.D
Acq On : 9 Aug 2019 4:44
Operator : HP/JU
Sample : K4154-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-5

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	13.833	1995	1997	2004	rVB3	139456	196122	8.31%	0.805%
36	13.898	2004	2008	2011	rBV	215384	207705	8.81%	0.852%
37	13.939	2012	2015	2017	rVB	64888	55271	2.34%	0.227%
38	13.998	2021	2025	2028	rBV	881807	836288	35.46%	3.431%
39	14.439	2097	2100	2105	rBV2	144741	213041	9.03%	0.874%
40	14.527	2111	2115	2121	rVB	462683	424369	17.99%	1.741%
41	15.086	2207	2210	2215	rVB	399388	445629	18.89%	1.828%
42	15.462	2270	2274	2285	rVB	610737	794405	33.68%	3.259%
43	15.657	2304	2307	2321	rVB	123752	229407	9.73%	0.941%
44	15.886	2343	2346	2351	rVB	143796	207013	8.78%	0.849%

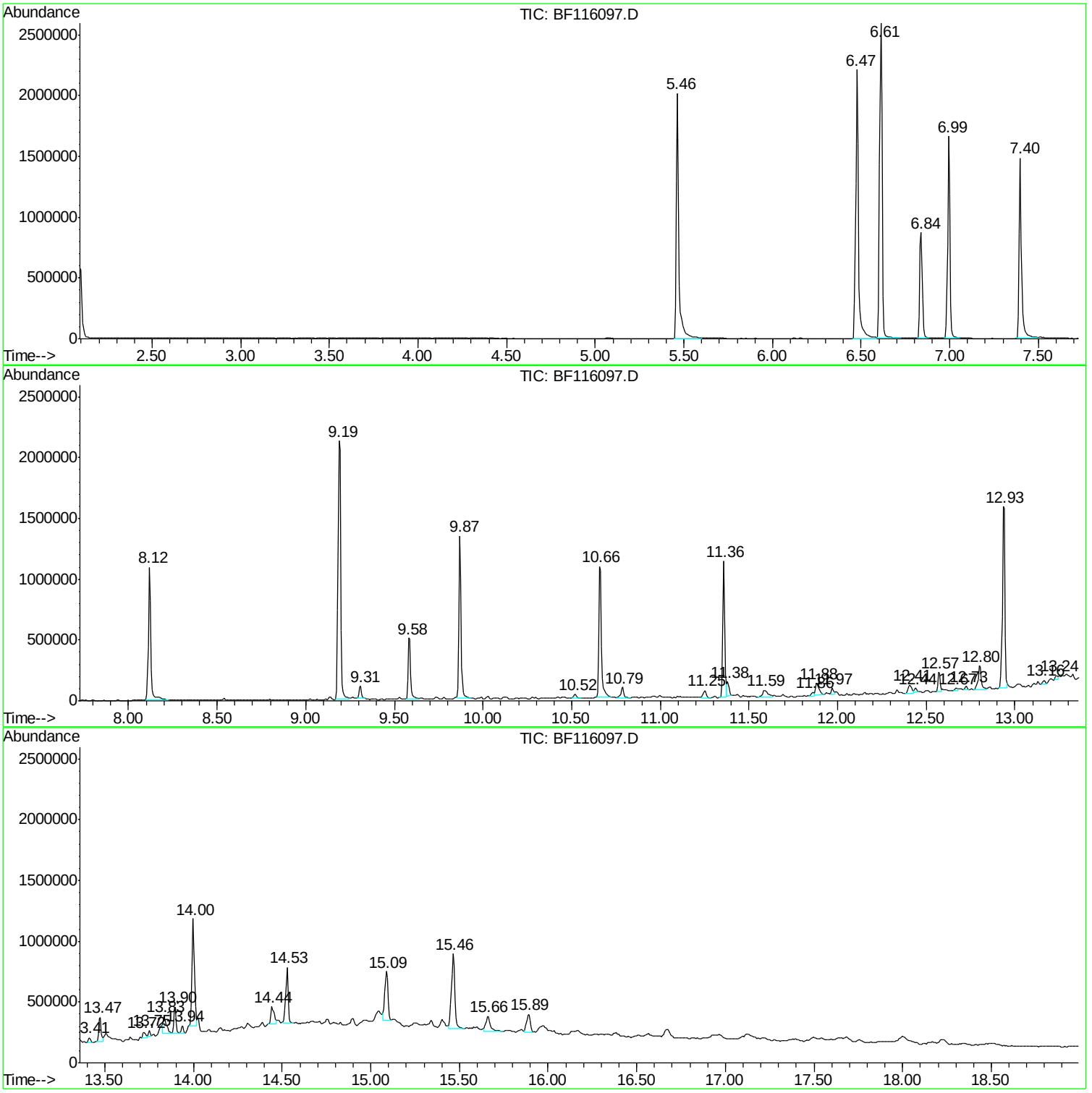
Sum of corrected areas: 24375575

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116097.D
Acq On : 9 Aug 2019 4:44
Operator : HP/JU
Sample : K4154-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PS-5

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116097.D
Acq On : 9 Aug 2019 4:44
Operator : HP/JU
Sample : K4154-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-5

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

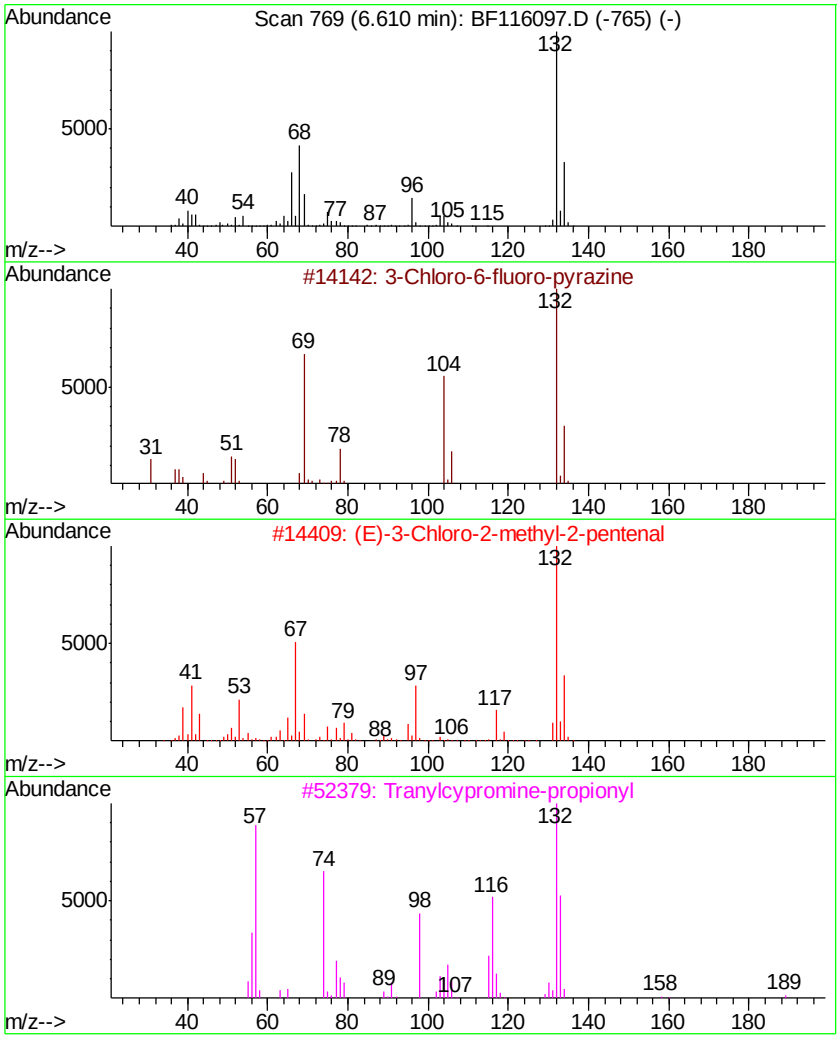
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

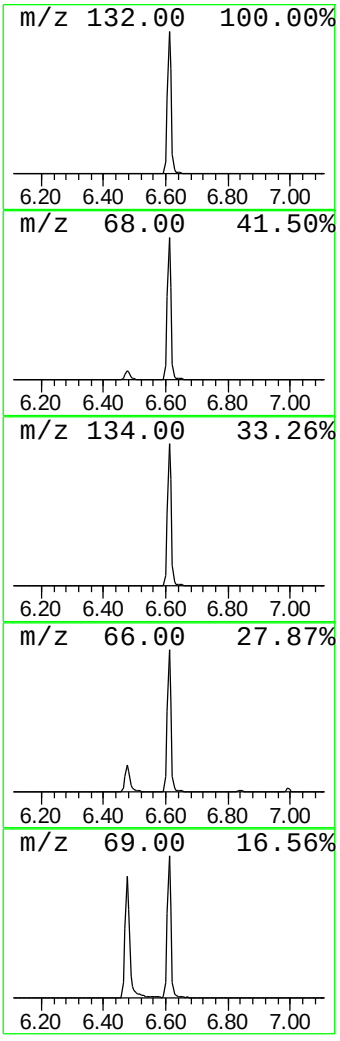
****

Peak Number 1 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	58.53 ng	2347300	1,4-Dichlorobenzene-d4	6.84

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	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
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\BF080819\
Data File : BF116097.D
Acq On : 9 Aug 2019 4:44
Operator : HP/JU
Sample : K4154-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-5

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

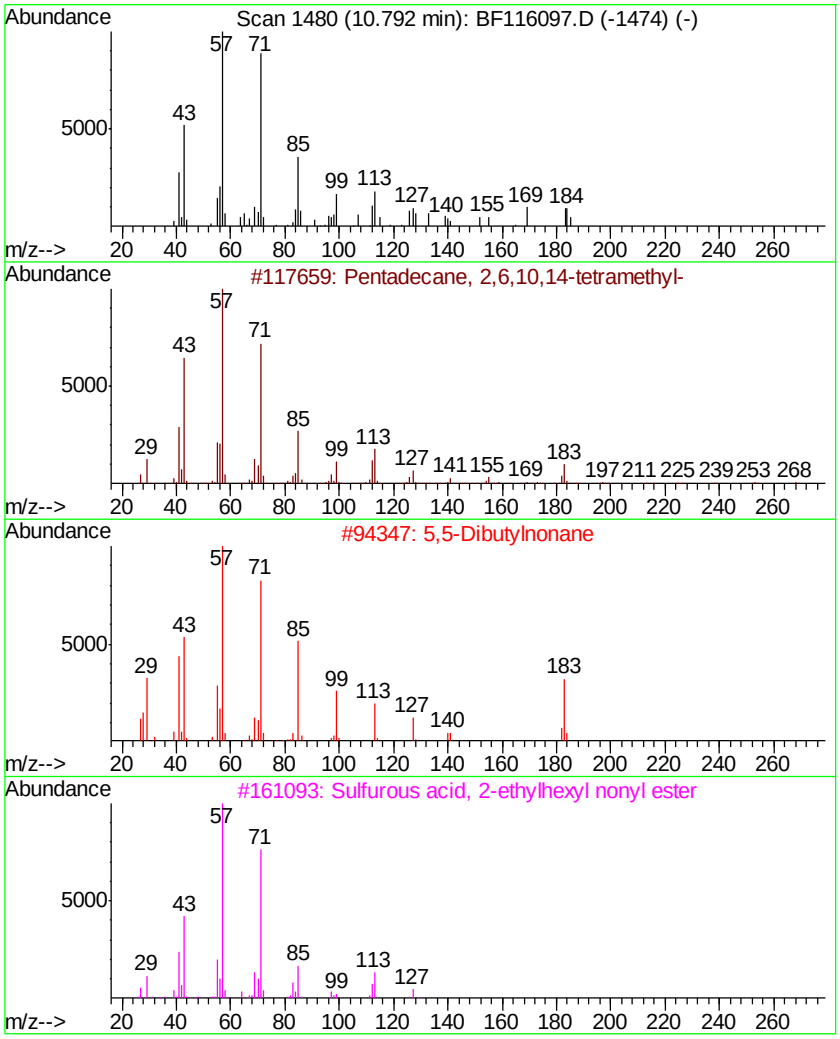
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

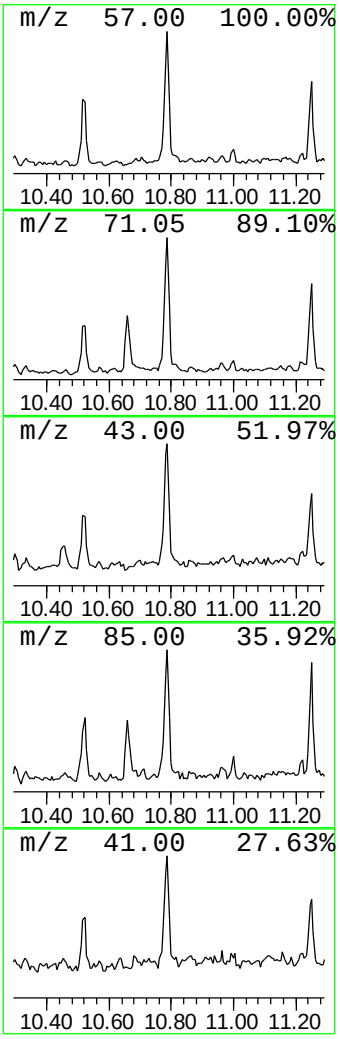
****

Peak Number 3 Pentadecane, 2,6,10,14-tetr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	2.01 ng	99734	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2	5,5-Dibutylnonane	240	C17H36	006008-17-9	86
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116097.D
Acq On : 9 Aug 2019 4:44
Operator : HP/JU
Sample : K4154-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-5

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

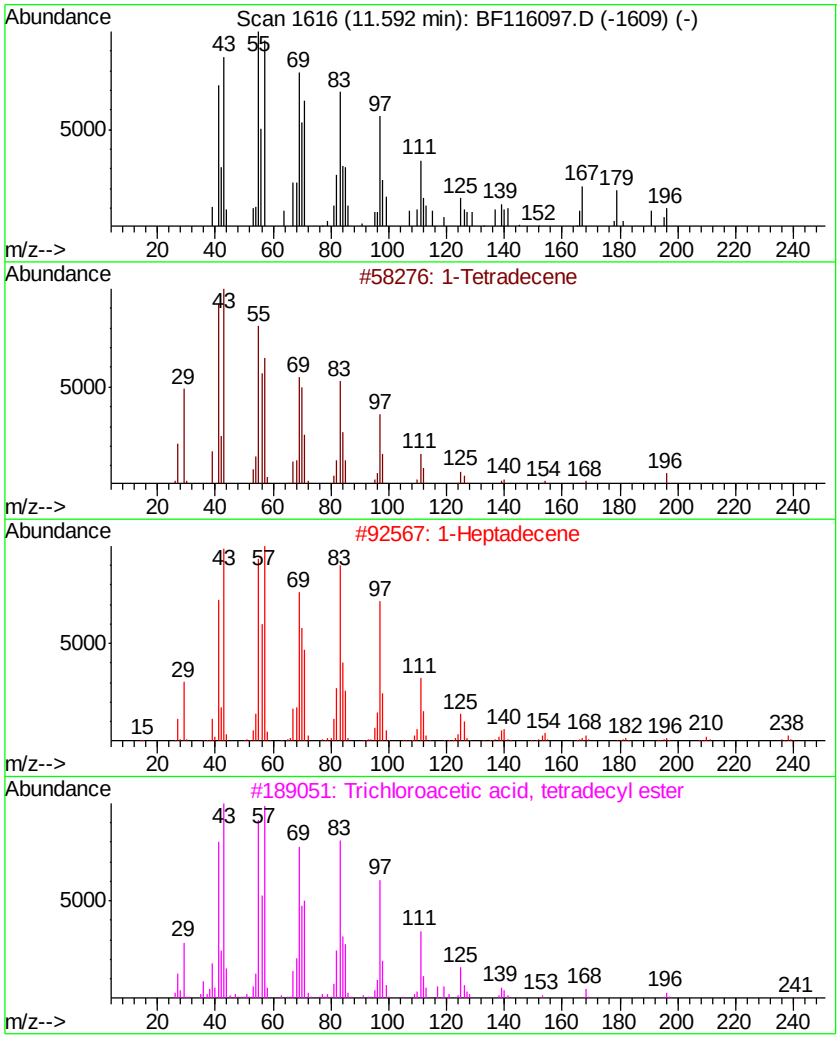
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

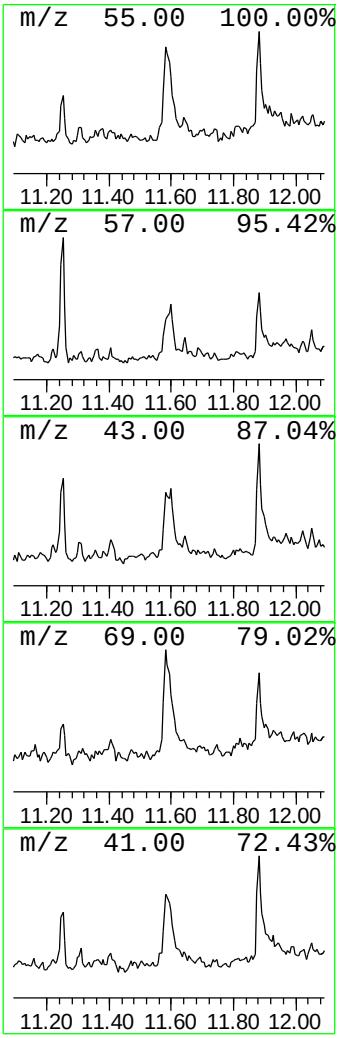
****

Peak Number 4 1-Tetradecene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	2.68 ng	133456	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetradecene	196	C14H28	001120-36-1	95
2	1-Heptadecene	238	C17H34	006765-39-5	95
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	95
4	2-Tetradecene, (E)-	196	C14H28	035953-54-9	94
5	Cyclotetradecane	196	C14H28	000295-17-0	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116097.D
Acq On : 9 Aug 2019 4:44
Operator : HP/JU
Sample : K4154-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-5

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

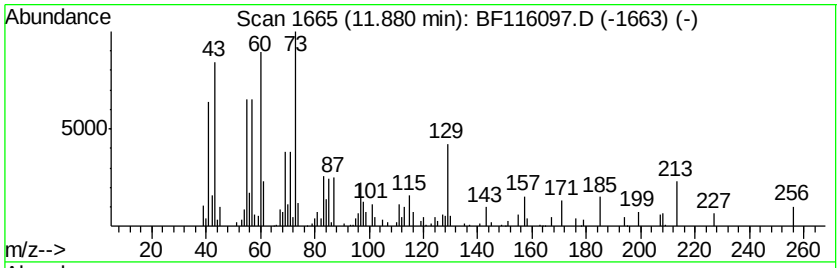
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

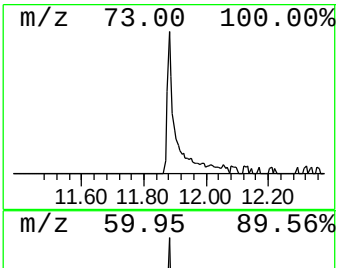
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	2.61 ng	129847	Phenanthrene-d10	11.36

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	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116097.D
Acq On : 9 Aug 2019 4:44
Operator : HP/JU
Sample : K4154-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-5

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

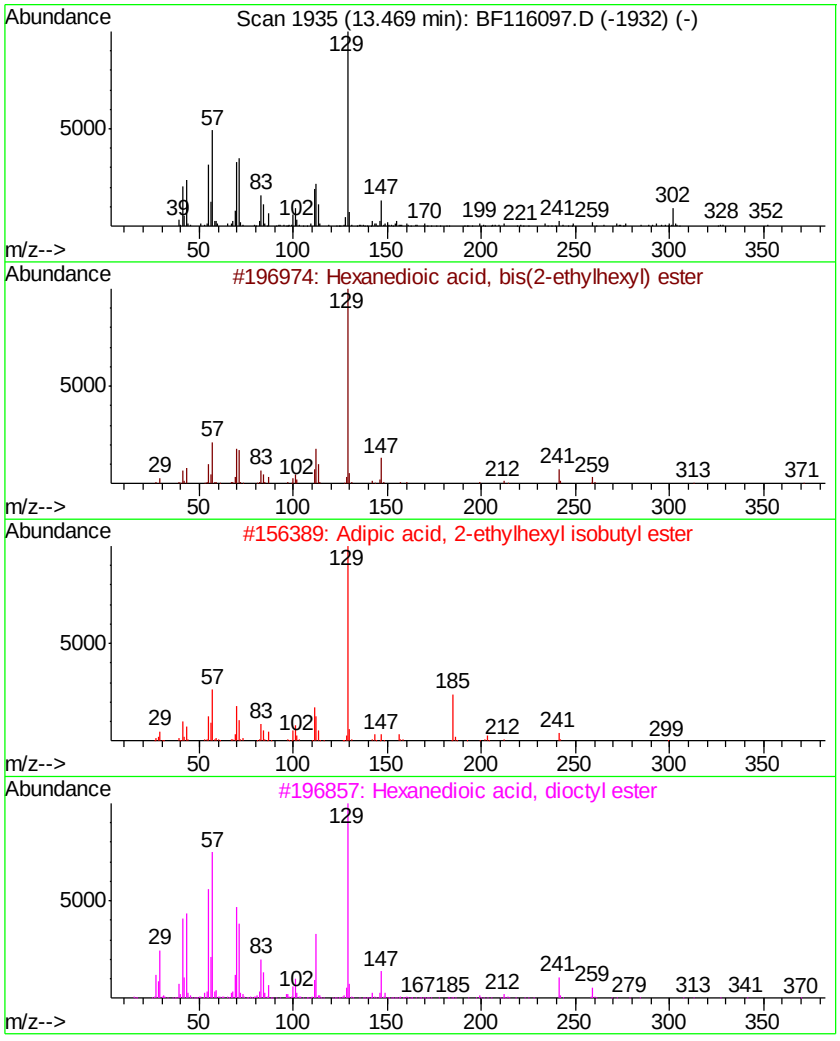
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

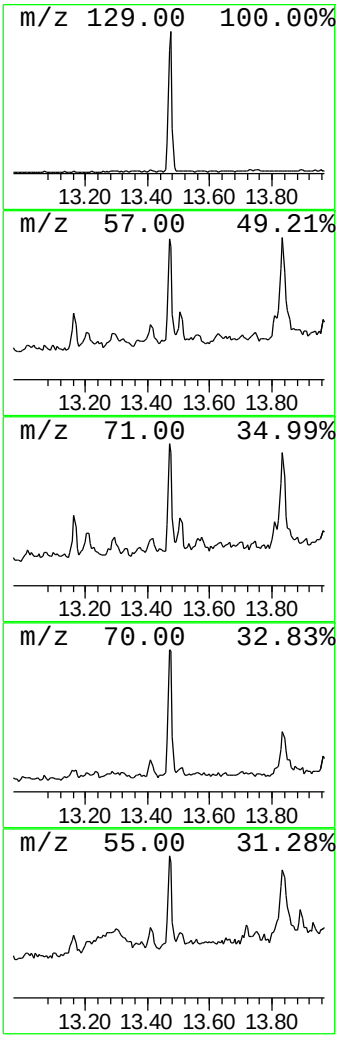
****

Peak Number 6 Hexanedioic acid, bis(2-eth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	4.93 ng	206293	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
2	Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1000324-48-0	59
3	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	58
4	Diisooctyl adipate	370	C22H42O4	001330-86-5	49
5	Adipic acid, 2-ethylhexyl isohex...	342	C20H38O4	1000324-48-3	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116097.D
Acq On : 9 Aug 2019 4:44
Operator : HP/JU
Sample : K4154-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-5

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

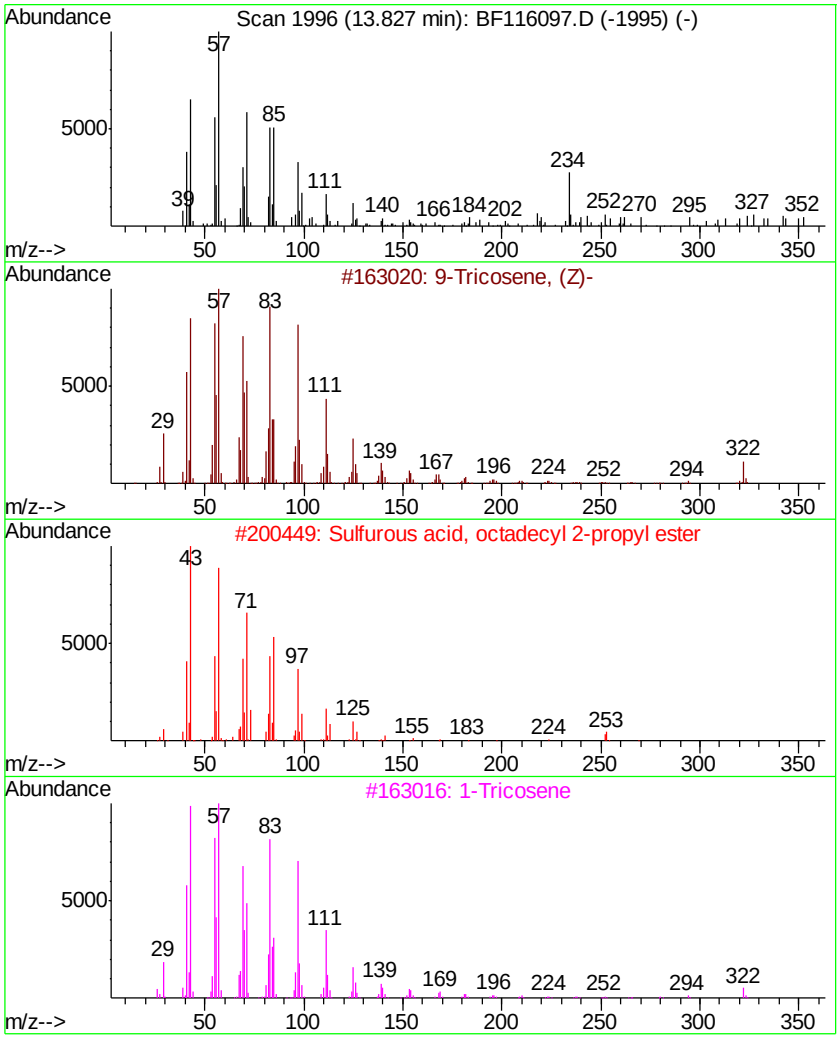
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

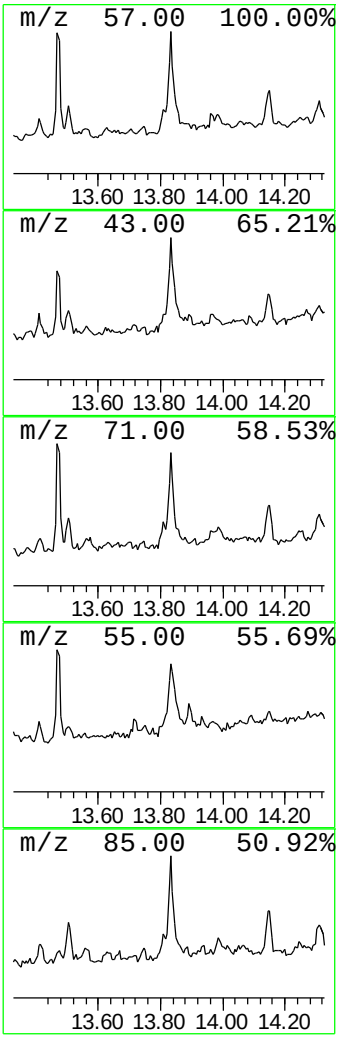
****

Peak Number 7 9-Tricosene, (Z)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	4.69 ng	196122	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
2	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	90
3	1-Tricosene	322	C23H46	018835-32-0	90
4	Oxalic acid, pentadecyl propyl e...	342	C20H38O4	1000309-26-8	87
5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116097.D
Acq On : 9 Aug 2019 4:44
Operator : HP/JU
Sample : K4154-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-5

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

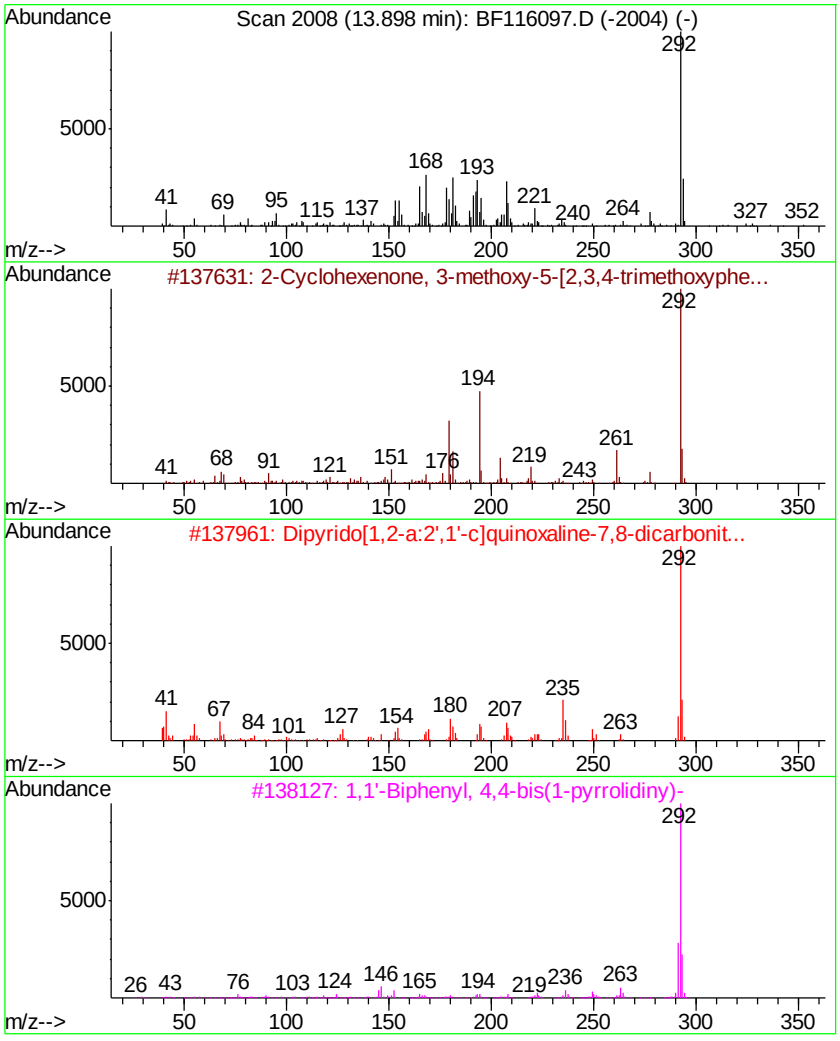
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

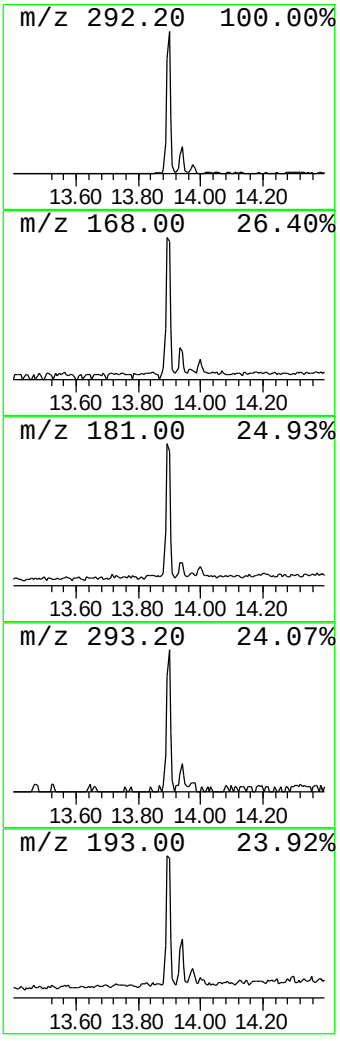
****

Peak Number 8 unknown13.90 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	4.97 ng	207705	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexenone, 3-methoxy-5-[2,...	292	C16H20O5	119101-25-6	38
2	Dipyrido[1,2-a:2',1'-c]quinoxali...	292	C18H20N4	1000303-96-3	35
3	1,1'-Biphenyl, 4,4-bis(1-pyrroli...	292	C20H24N2	1000193-54-6	30
4	Aniline, p,p'-(m-phenylenedioxy)di-	292	C18H16N2O2	002479-46-1	27
5	Hexanoic acid, 2-hydroxy-2-butyl...	292	C17H28N2O2	006361-96-2	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116097.D
Acq On : 9 Aug 2019 4:44
Operator : HP/JU
Sample : K4154-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-5

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

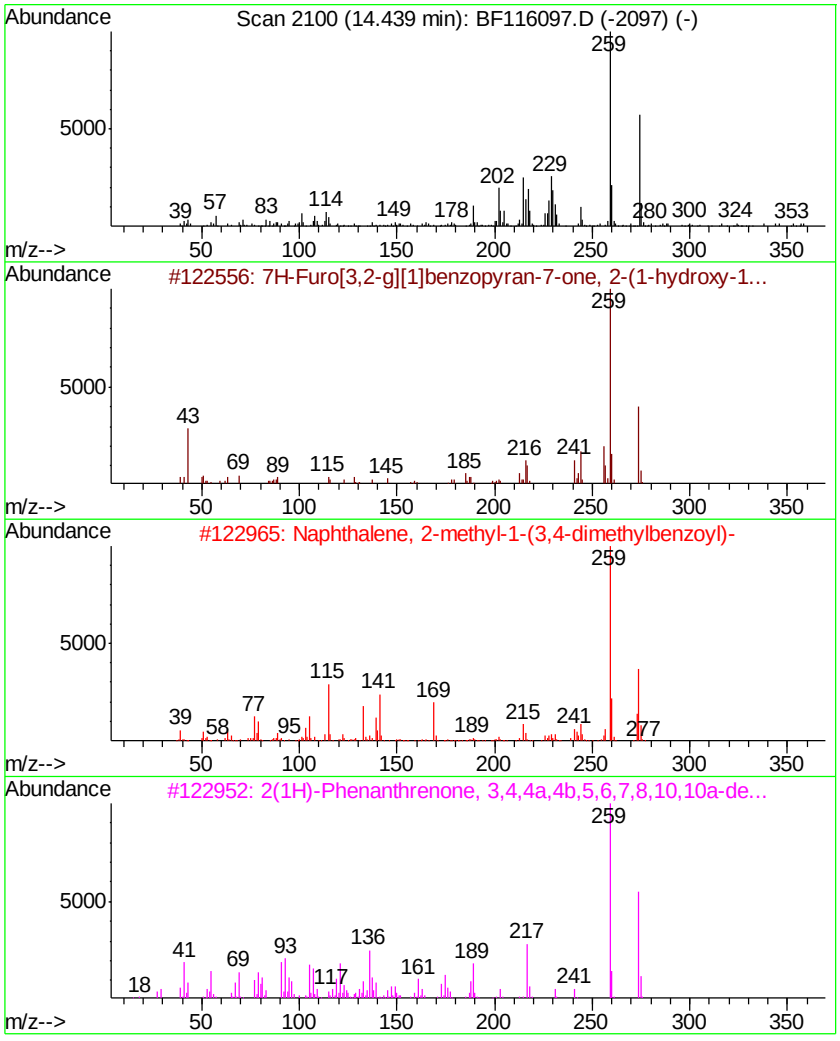
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

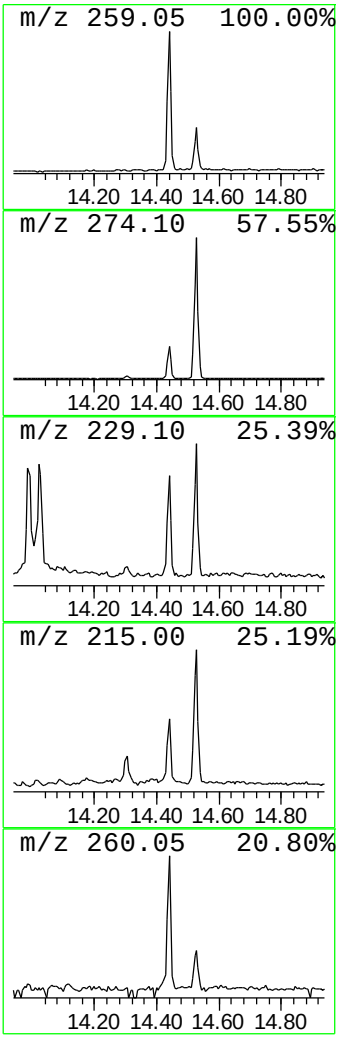
****

Peak Number 9 7H-Furo[3,2-g][1]benzopyran... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	5.09 ng	213041	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Furo[3,2-g][1]benzopyran-7-on...	274	C15H14O5	054087-32-0	58
2	Naphthalene, 2-methyl-1-(3,4-dim...	274	C20H18O	1000269-03-0	53
3	2(1H)-Phenanthrenone, 3,4,4a,4b,...	274	C19H30O	007715-44-8	52
4	Propanamide, N-(1-ethyl-1,2,3,4-...	274	C17H26N2O	063134-09-8	49
5	9-Methyl-3-phenyl-9H-pyridazino(...	259	C17H13N3	003980-90-3	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116097.D
Acq On : 9 Aug 2019 4:44
Operator : HP/JU
Sample : K4154-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-5

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

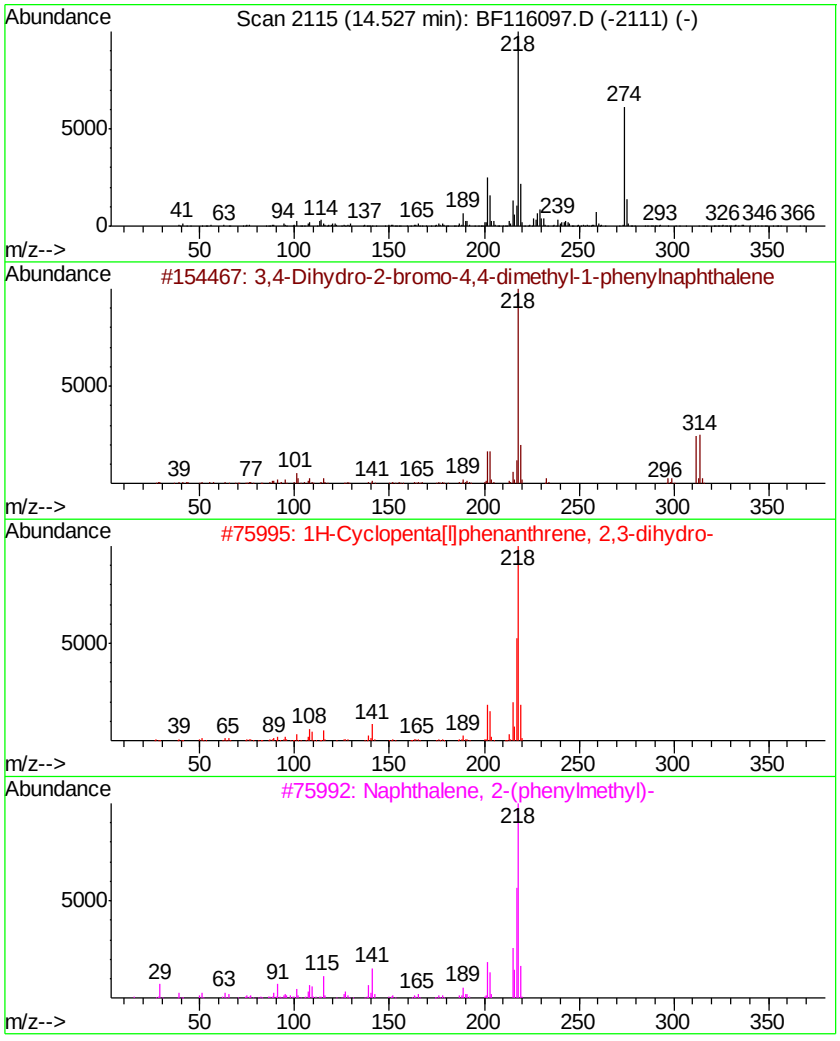
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

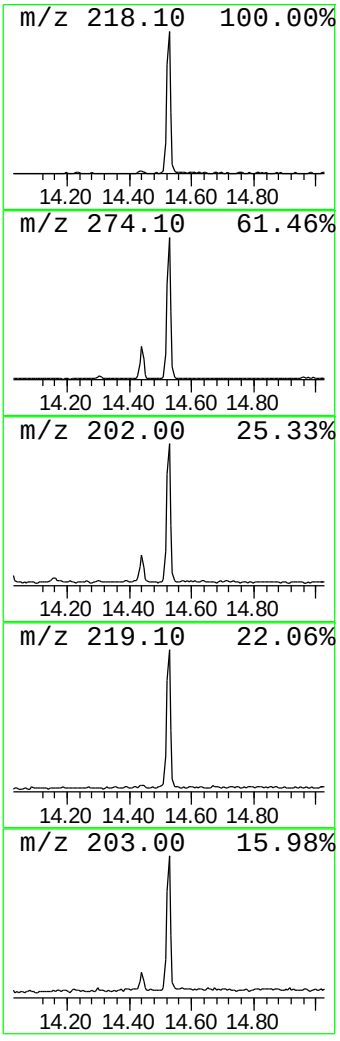
****

Peak Number 10 3,4-Dihydro-2-bromo-4,4-dim... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	10.15 ng	424369	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dihydro-2-bromo-4,4-dimethyl...	312	C18H17Br	071161-44-9	50
2	1H-Cyclopenta[l]phenanthrene, 2,...	218	C17H14	000723-98-8	49
3	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	47
4	Pyrrolo[2,3-b]indol-5-ol, 1,2,3,...	218	C13H18N2O	000469-22-7	43
5	Naphtho[1,2-b]furan-2(3H)-one, 5...	274	C19H14O2	077573-41-2	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116097.D
Acq On : 9 Aug 2019 4:44
Operator : HP/JU
Sample : K4154-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-5

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

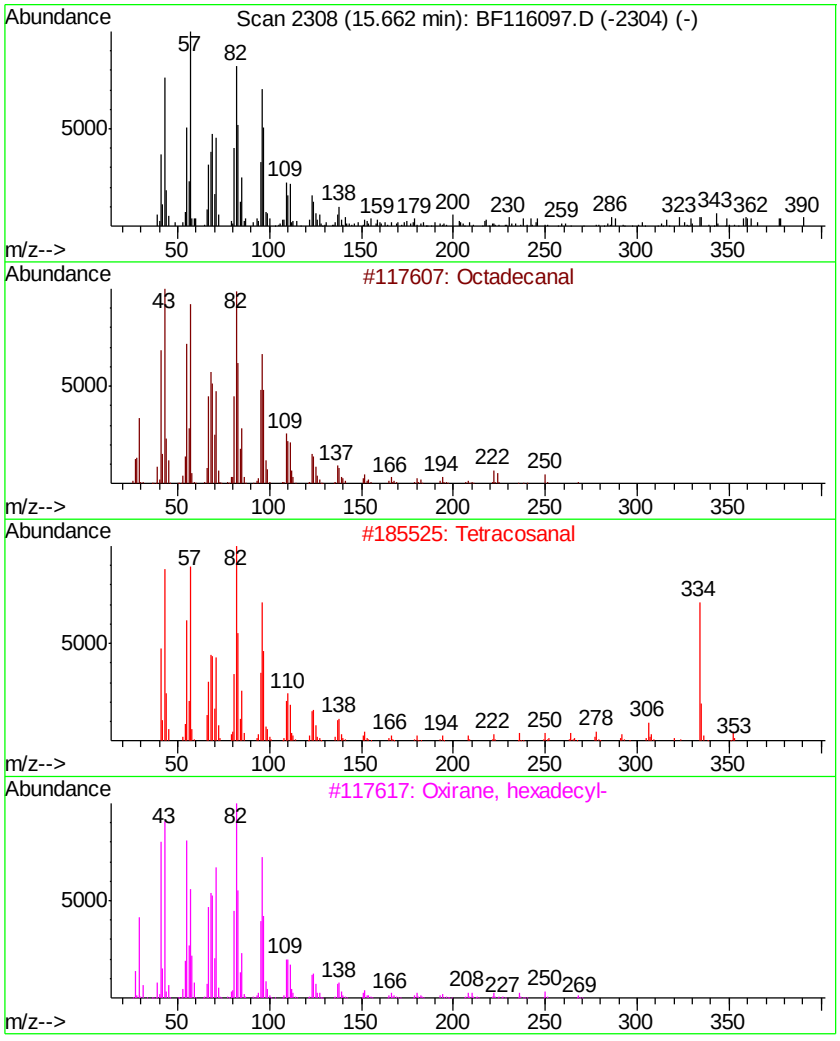
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

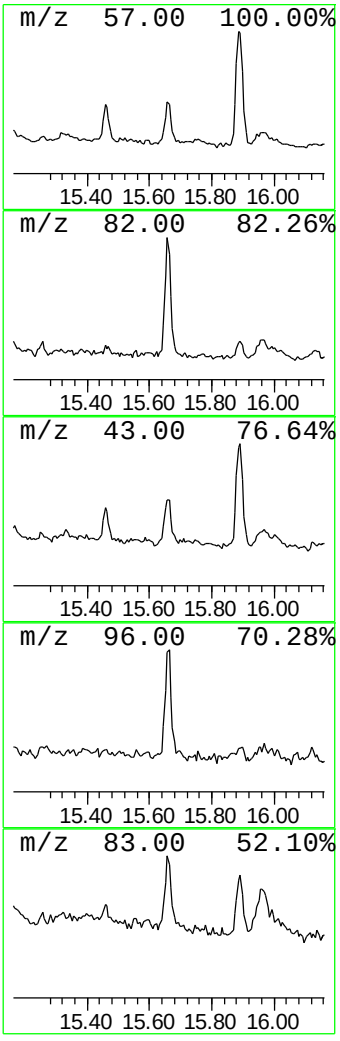
****

Peak Number 11 Octadecanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	5.78 ng	229407	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	91
2	Tetracosanal	352	C24H48O	057866-08-7	91
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	86
5	17-Octadecenal	266	C18H34O	056554-86-0	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116097.D
Acq On : 9 Aug 2019 4:44
Operator : HP/JU
Sample : K4154-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-5

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

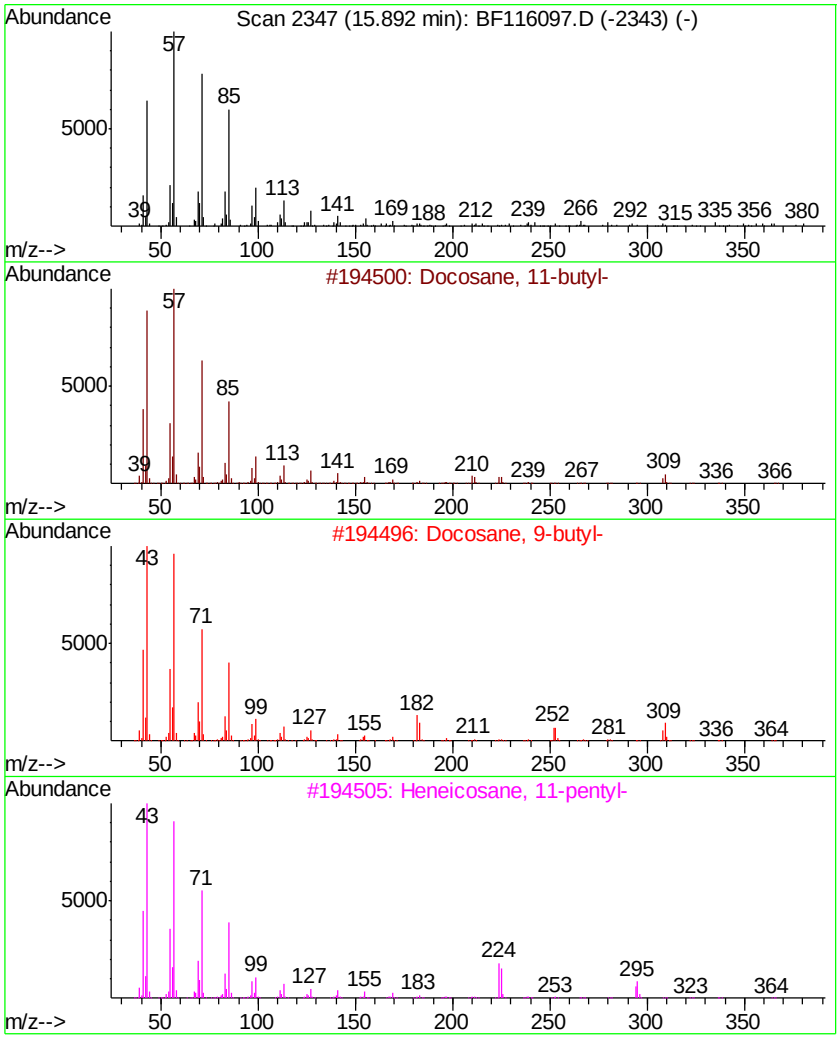
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

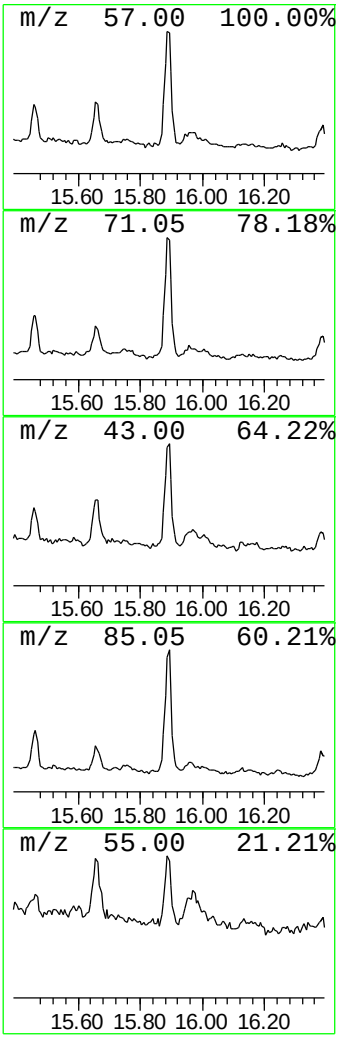
****

Peak Number 12 Docosane, 11-butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	5.21 ng	207013	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
2	Docosane, 9-butyl-	366	C26H54	055282-14-9	91
3	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Hexacosane	366	C26H54	000630-01-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080819\
Data File : BF116097.D
Acq On : 9 Aug 2019 4:44
Operator : HP/JU
Sample : K4154-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-5

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
unknown6.61	6.61	58.5	ng	2347300	1	6.84	802079	20.0
Pentadecane, 2,6,...	10.79	2.0	ng	99734	4	11.36	994821	20.0
1-Tetradecene	11.59	2.7	ng	133456	4	11.36	994821	20.0
n-Hexadecanoic acid	11.88	2.6	ng	129847	4	11.36	994821	20.0
Hexanedioic acid,...	13.47	4.9	ng	206293	5	14.00	836288	20.0
9-Tricosene, (Z)-	13.83	4.7	ng	196122	5	14.00	836288	20.0
unknown13.90	13.90	5.0	ng	207705	5	14.00	836288	20.0
7H-Furo[3,2-g][1]...	14.44	5.1	ng	213041	5	14.00	836288	20.0
3,4-Dihydro-2-bro...	14.53	10.2	ng	424369	5	14.00	836288	20.0
Octadecanal	15.66	5.8	ng	229407	6	15.46	794405	20.0
Docosane, 11-butyl-	15.89	5.2	ng	207013	6	15.46	794405	20.0