LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001470.D
Acq On : 27 Dec 2019 21:15
Operator : JU
Sample : K6438-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUNR-BF008-01

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_P\METHODS\8270-BP121919.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	5.593	591	596	609	rVB	91673	149273	12.01%	1.795%
2	6.205	694	700	713	rBV	598883	758070	60.98%	9.115%
3	7.752	956	963	978	rBV	634112	827551	66.57%	9.950%
4	7.928	987	993	1000	rBV	723503	852581	68.59%	10.251%
5	8.281	1048	1053	1062	rVB	129536	147269	11.85%	1.771%
6	8.522	1088	1094	1106	rVB	539577	661447	53.21%	7.953%
7	9.169	1197	1204	1215	rBV	415342	526685	42.37%	6.333%
8	10.316	1393	1399	1413	rBV	132908	171428	13.79%	2.061%
9	12.098	1695	1702	1719	rBV	783465	968764	77.93%	11.648%
10	12.769	1811	1816	1829	rBV	29177	44400	3.57%	0.534%
11	13.175	1880	1885	1894	rBV	159150	210853	16.96%	2.535%
12	14.475	2099	2106	2122	rBV	588189	772647	62.16%	9.290%
13	15.575	2288	2293	2306	rBV	192029	235476	18.94%	2.831%
14	16.469	2440	2445	2457	rBV2	33366	48119	3.87%	0.579%
15	17.863	2676	2682	2686	rBV	1180513	1243055	100.00%	14.946%
16	19.139	2894	2899	2900	rBV2	21215	31967	2.57%	0.384%
17	19.222	2908	2913	2927	rVB	200178	253605	20.40%	3.049%
18	19.898	3023	3028	3033	rVB	14056	15405	1.24%	0.185%
19	19.980	3034	3042	3058	rBV10	6945	27560	2.22%	0.331%
20	20.269	3088	3091	3095	rVB	16633	17087	1.37%	0.205%
21	20.663	3154	3158	3164	rBV2	17758	22244	1.79%	0.267%
22	20.986	3207	3213	3226	rBV	151719	220688	17.75%	2.653%
23	21.092	3226	3231	3239	rVB2	16321	24675	1.99%	0.297%
24	21.586	3309	3315	3320	rBV2	14501	25221	2.03%	0.303%
25	21.727	3333	3339	3346	rBV2	6767	22103	1.78%	0.266%
26	22.145	3406	3410	3424	rVB3	9892	25042	2.01%	0.301%
27	22.804	3515	3522	3530	rBV8	5494	13775	1.11%	0.166%

Sum of corrected areas: 8316990

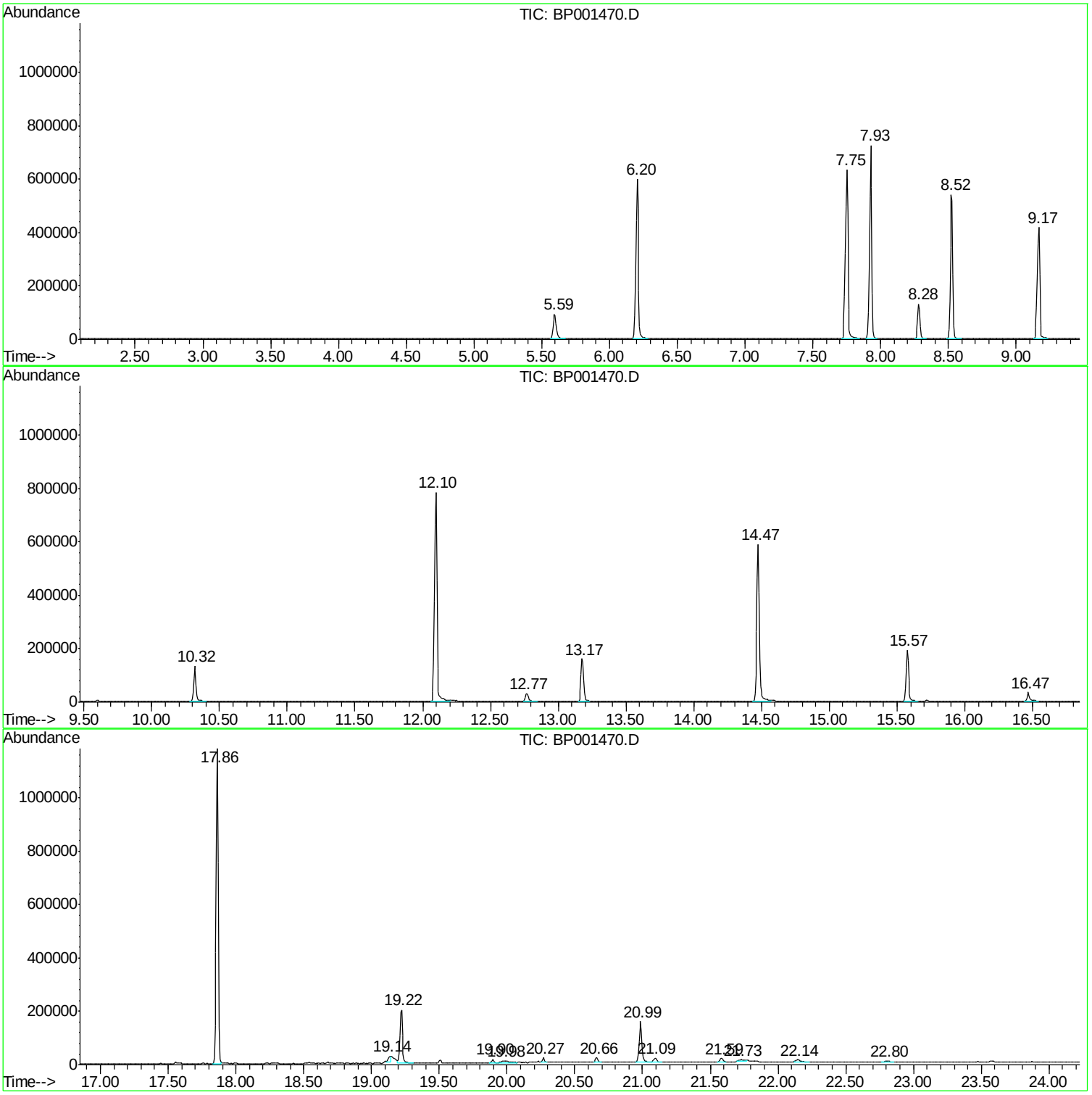
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001470.D
Acq On : 27 Dec 2019 21:15
Operator : JU
Sample : K6438-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUNR-BF008-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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 P\DATA\BP122719\
Data File : BP001470.D
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Operator : JU
Sample : K6438-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUNR-BF008-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

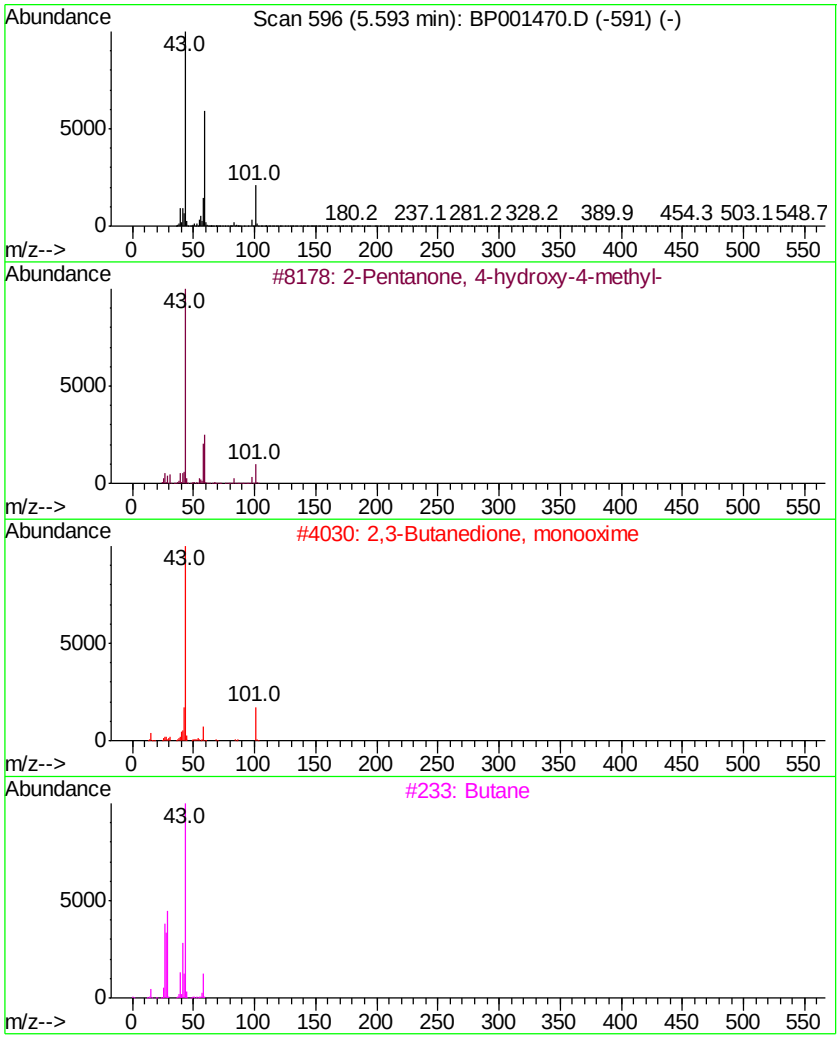
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

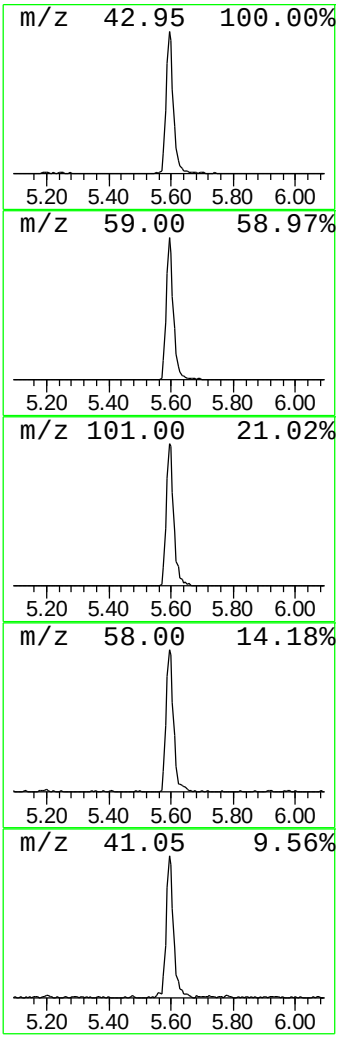
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	20.27 ng	149273	1,4-Dichlorobenzene-d4	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Butane	58	C4H10	000106-97-8	9
4	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Data File : BP001470.D
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Operator : JU
Sample : K6438-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUNR-BF008-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

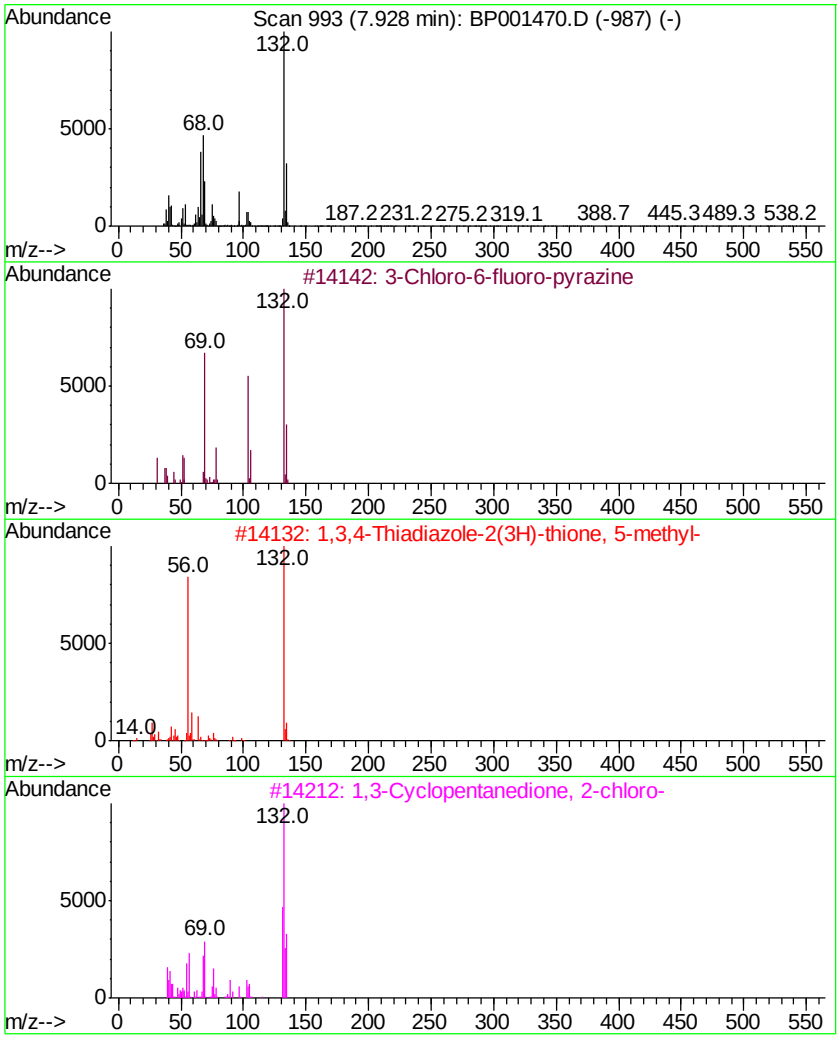
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

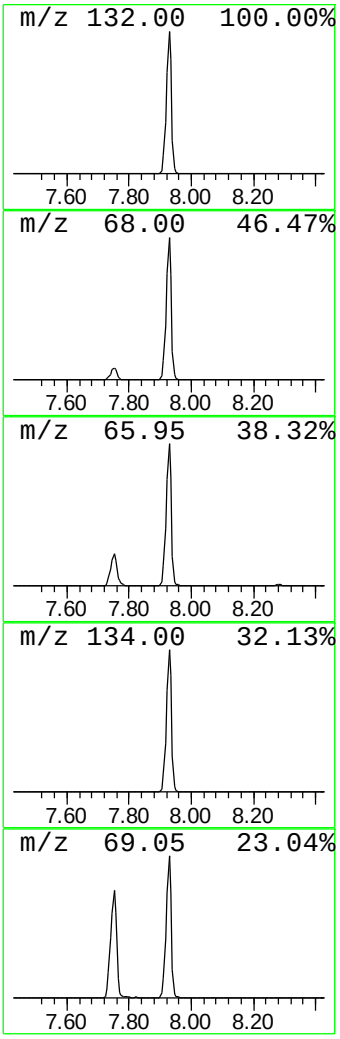
****

Peak Number 2 unknown7.93 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	115.79 ng	852581	1,4-Dichlorobenzene-d4	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
4	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001470.D
Acq On : 27 Dec 2019 21:15
Operator : JU
Sample : K6438-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUNR-BF008-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

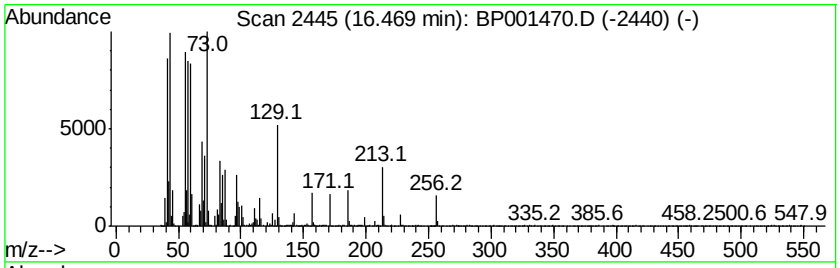
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

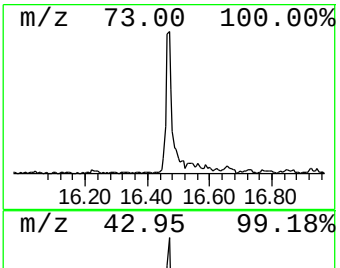
****

Peak Number 3 Tetradecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	4.09 ng	48119	Phenanthrene-d10	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Undecanoic acid	186	C11H22O2	000112-37-8	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001470.D
Acq On : 27 Dec 2019 21:15
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Sample : K6438-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUNR-BF008-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

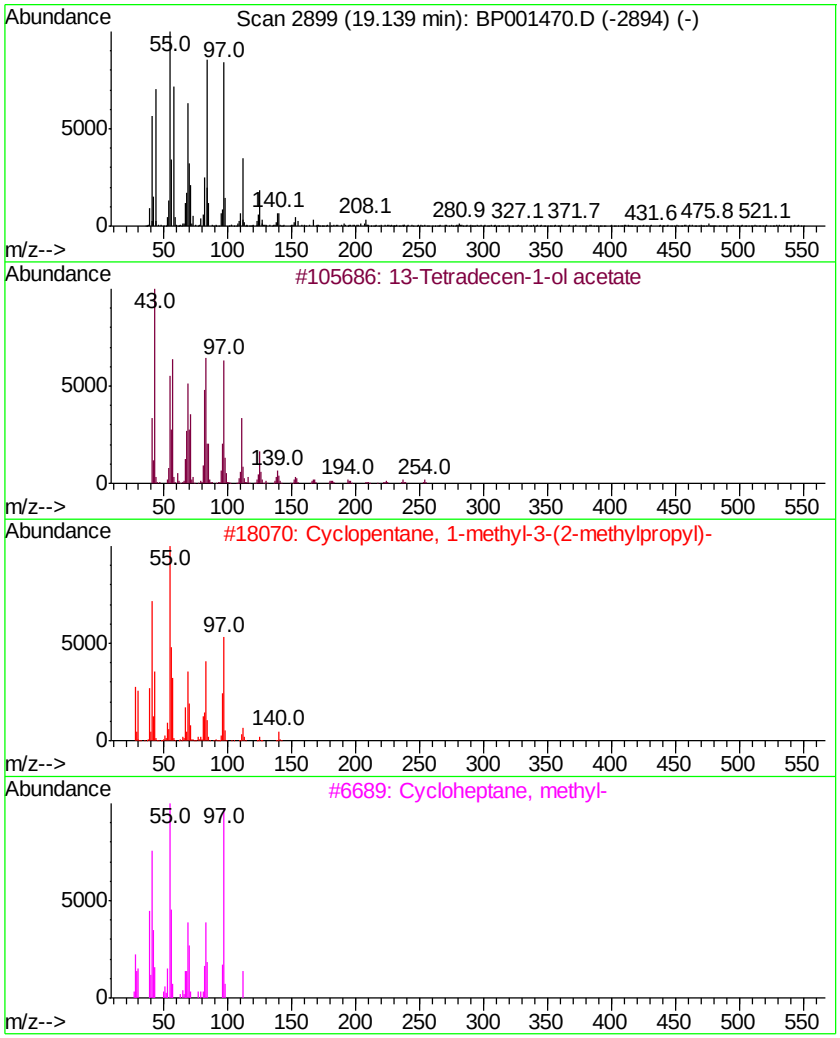
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

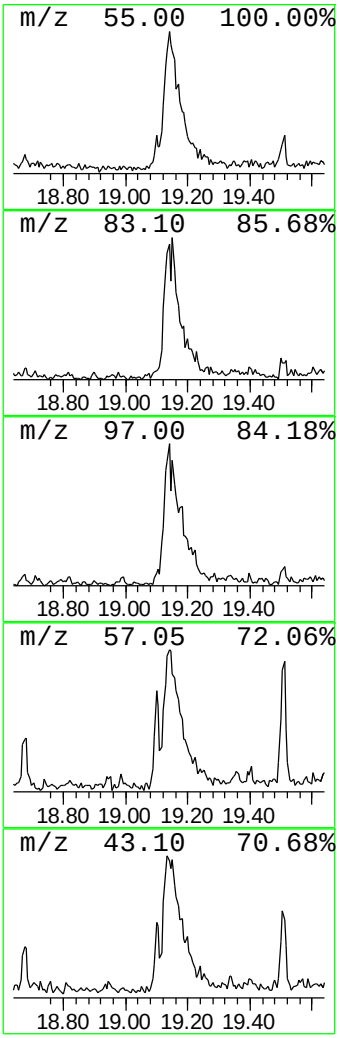
****

Peak Number 4 13-Tetradecen-1-ol acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	2.52 ng	31967	Chrysene-d12	19.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	86
2	Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	72
3	Cycloheptane, methyl-	112	C8H16	004126-78-7	52
4	1-Octene, 6-methyl-	126	C9H18	013151-10-5	46
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001470.D
Acq On : 27 Dec 2019 21:15
Operator : JU
Sample : K6438-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUNR-BF008-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

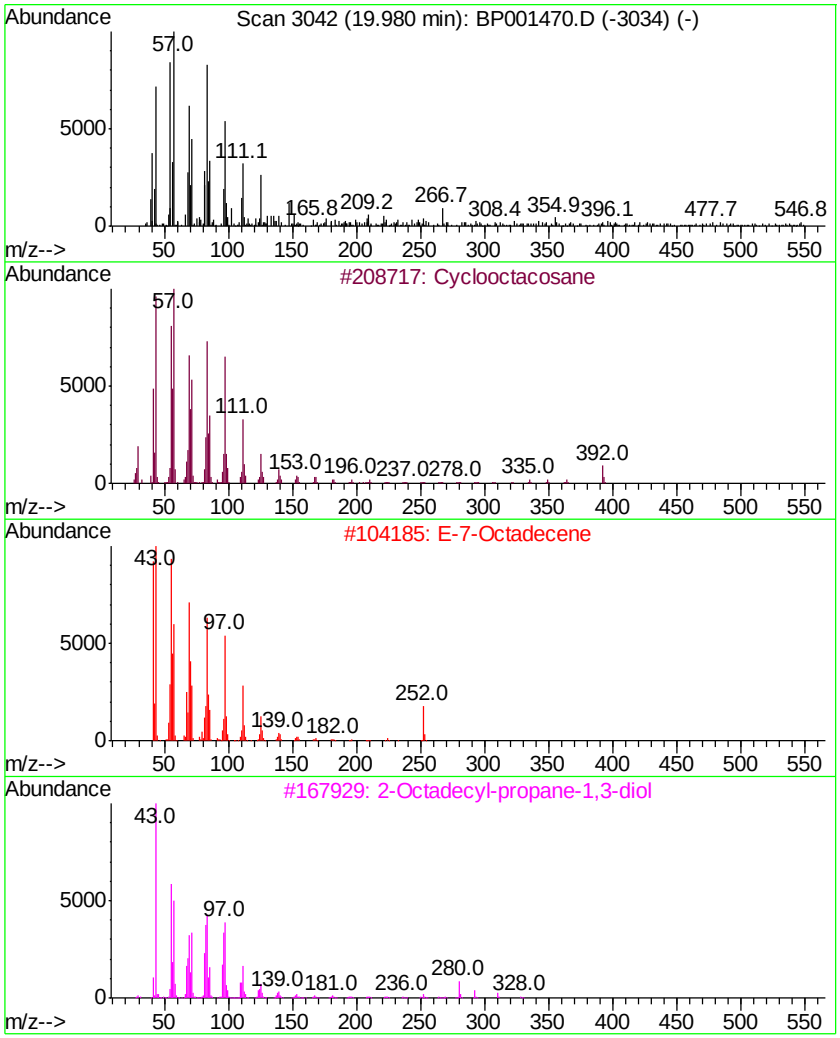
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

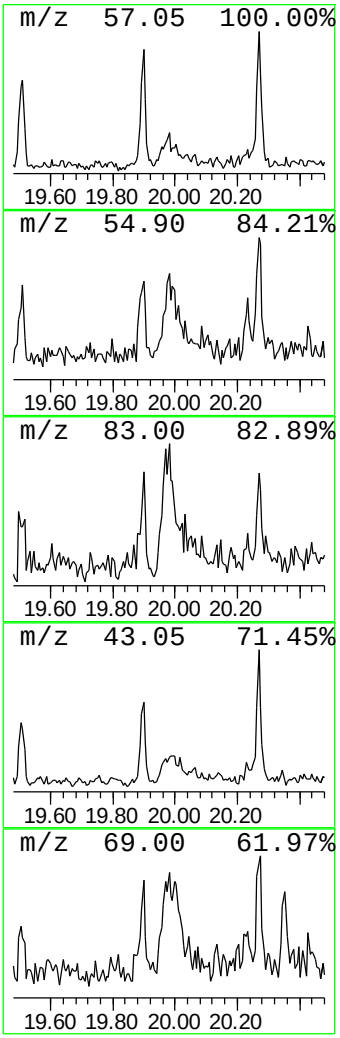
****

Peak Number 5 Cyclooctacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.98	2.17 ng	27560	Chrysene-d12	19.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctacosane	392	C28H56	000297-24-5	87
2	E-7-Octadecene	252	C18H36	1000130-92-0	87
3	2-Octadecyl-propane-1,3-diol	328	C21H44O2	005337-61-1	83
4	2-Heptadecenal	252	C17H32O	1000143-48-6	83
5	Heptadecafluorononanoic acid, oc...	716	C27H37F17O2	1000356-03-4	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
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Sample : K6438-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUNR-BF008-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

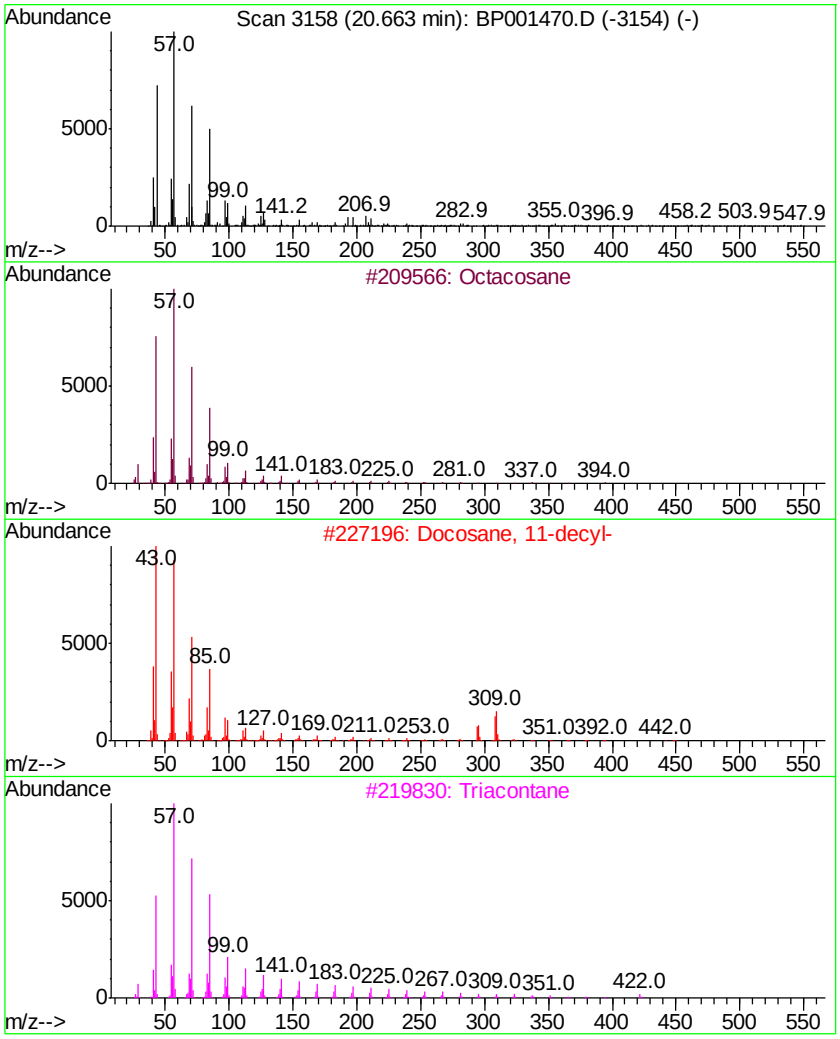
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

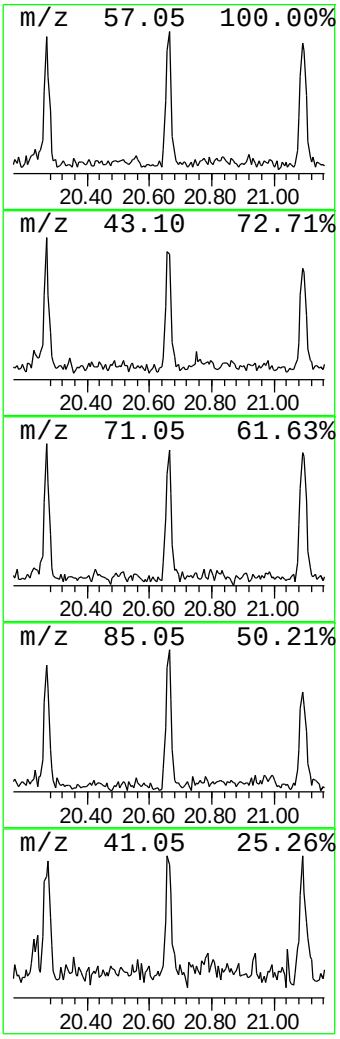
****

Peak Number 6 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	2.02 ng	22244	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Docosane, 11-decyl-	451	C32H66	055401-55-3	90
3	Triacontane	422	C30H62	000638-68-6	90
4	Hexacosane	366	C26H54	000630-01-3	81
5	Eicosane	282	C20H42	000112-95-8	81





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUNR-BF008-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

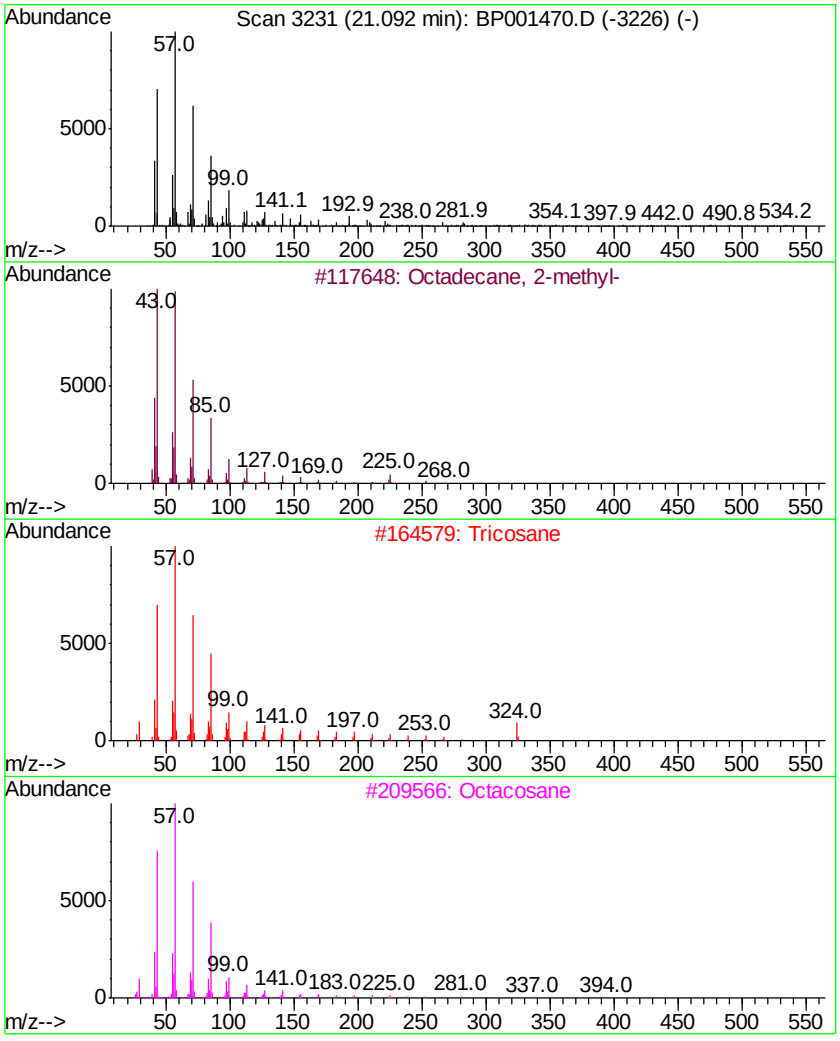
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

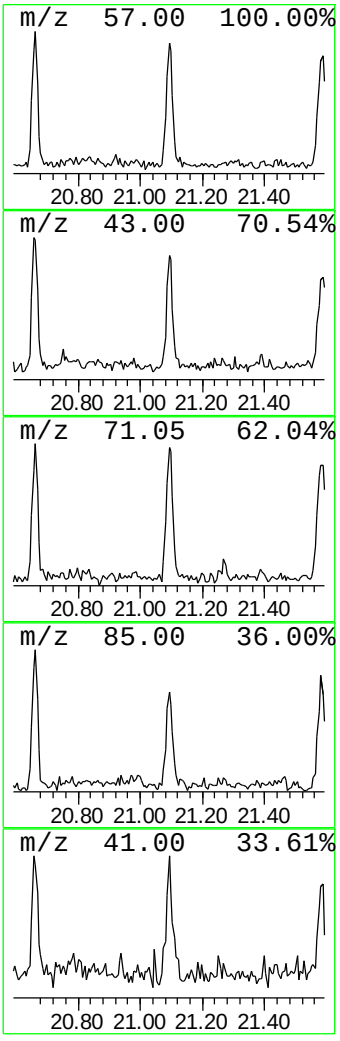
****

Peak Number 7 Octadecane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	2.24 ng	24675	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	89
2	Tricosane	324	C23H48	000638-67-5	89
3	Octacosane	394	C28H58	000630-02-4	89
4	Hexatriacontane	507	C36H74	000630-06-8	89
5	2-methyloctacosane	408	C29H60	1000376-72-8	76





Library Search Compound Report

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Instrument : BNA_P
ClientSampleId : DUNR-BF008-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

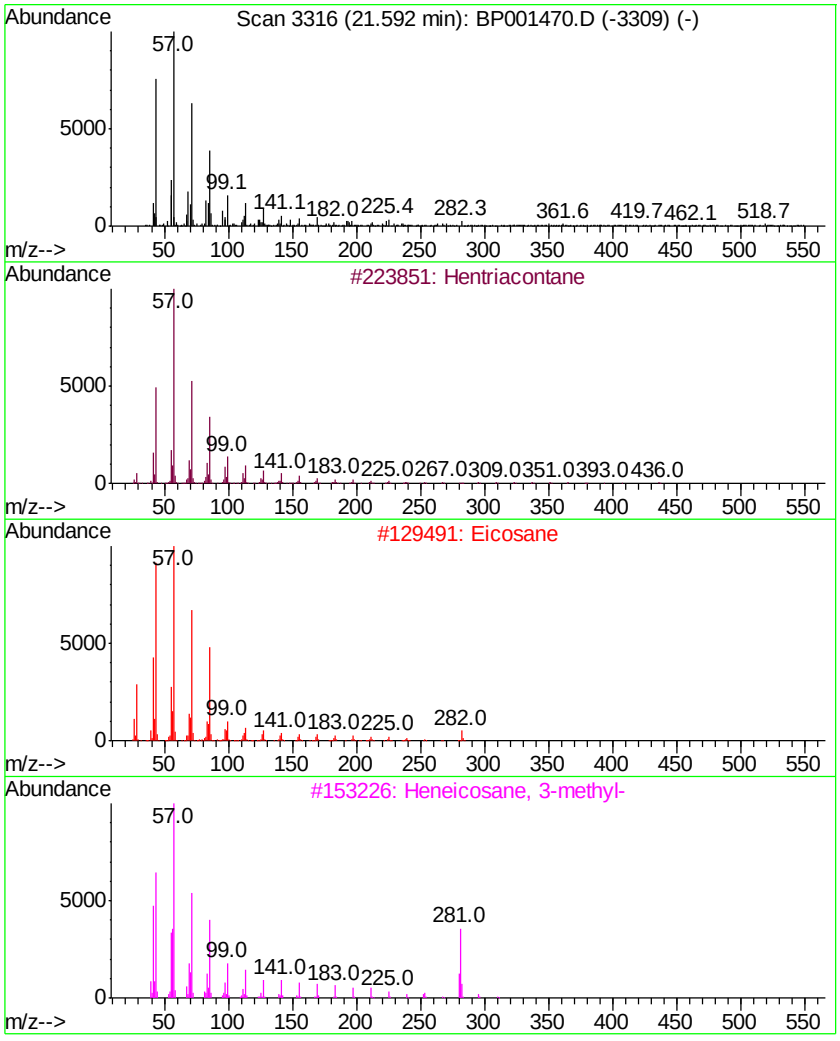
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

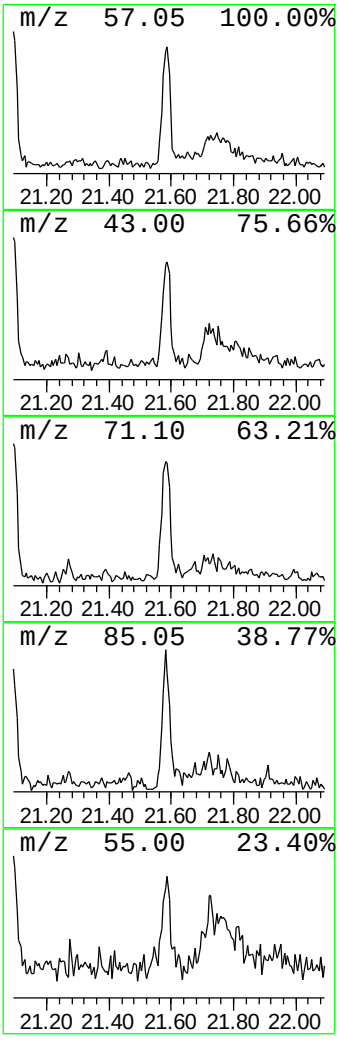
****

Peak Number 8 Hentriacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	2.29 ng	25221	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	98
2	Eicosane	282	C20H42	000112-95-8	93
3	Heneicosane, 3-methyl-	310	C22H46	006418-47-9	90
4	Docosane	310	C22H46	000629-97-0	89
5	Octacosane	394	C28H58	000630-02-4	87





Library Search Compound Report

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Data File : BP001470.D
Acq On : 27 Dec 2019 21:15
Operator : JU
Sample : K6438-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUNR-BF008-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

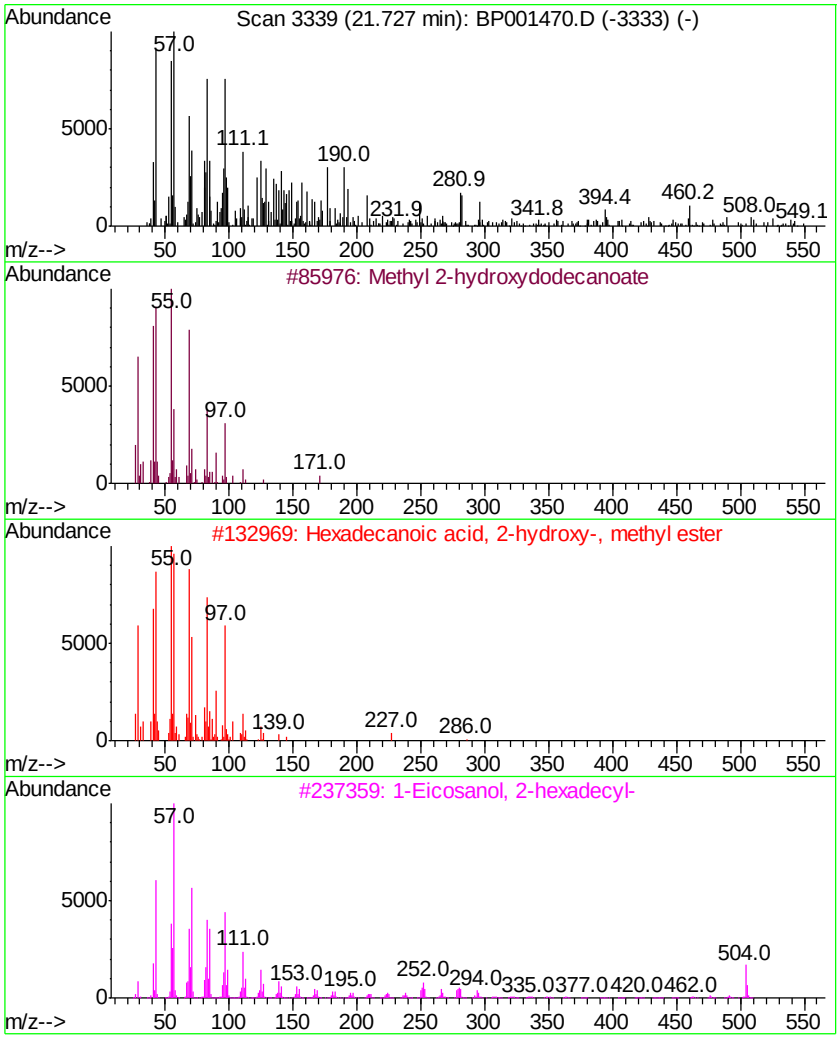
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

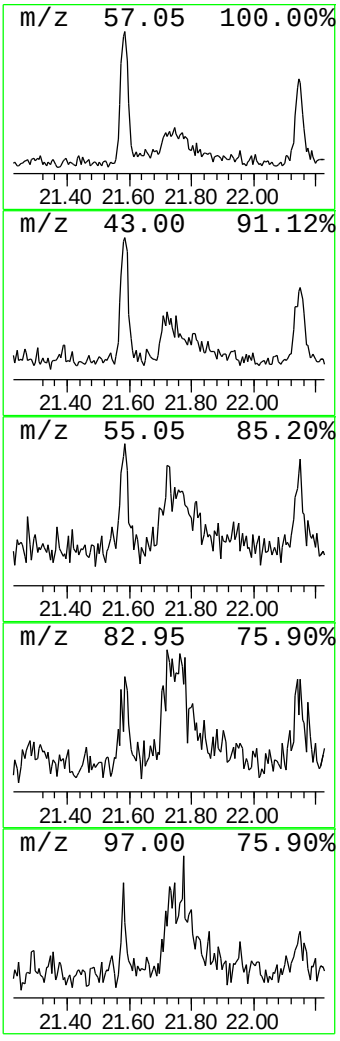
****

Peak Number 9 unknown21.73 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.73	2.00 ng	22103	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2-hydroxydodecanoate	230	C13H26O3	051067-85-7	45
2	Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	42
3	1-Eicosanol, 2-hexadecyl-	523	C36H74O	017658-63-8	40
4	D-Allofuranose, pentakis(trifluo...	660	C16H7F15O11	1000380-27-9	40
5	1,37-Octatriacontadiene	531	C38H74	1000159-37-3	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001470.D
Acq On : 27 Dec 2019 21:15
Operator : JU
Sample : K6438-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUNR-BF008-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
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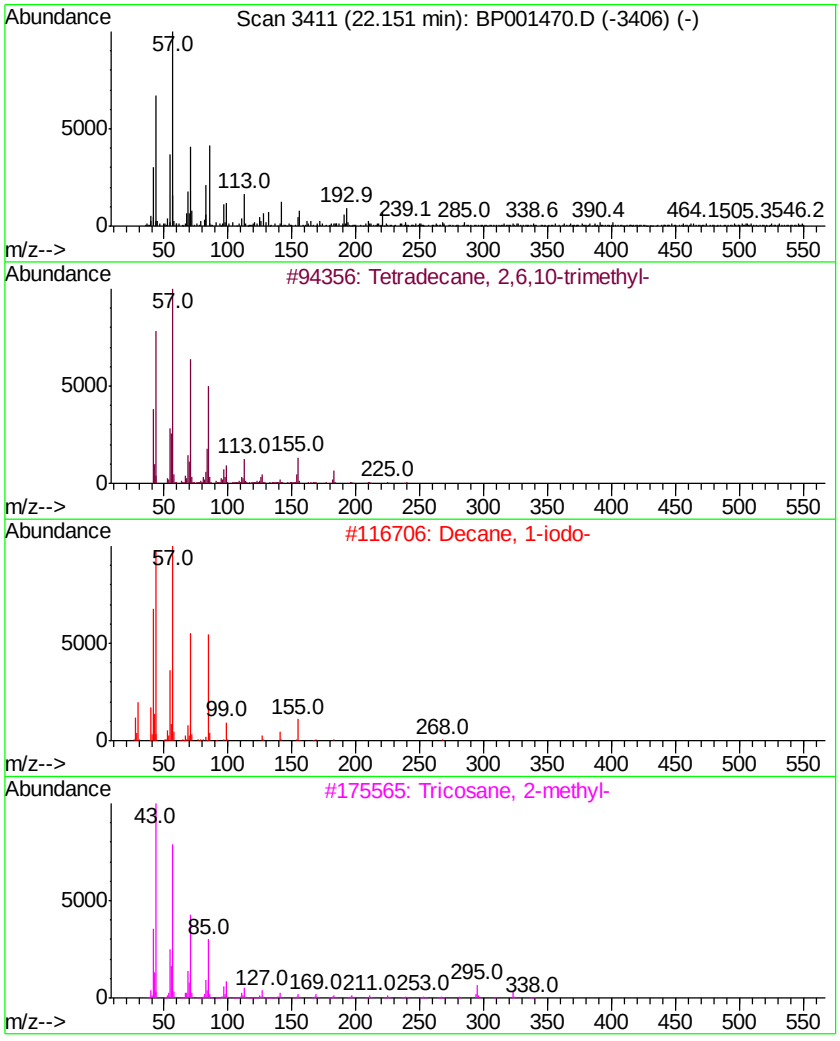
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

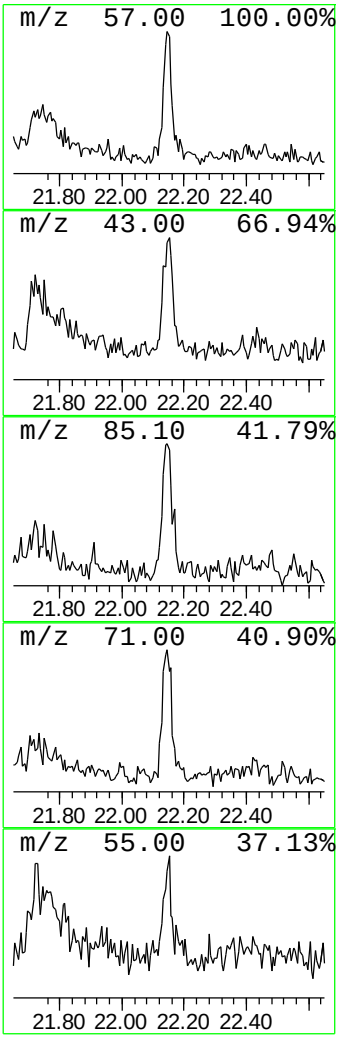
****

Peak Number 10 Tetradecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.15	2.27 ng	25042	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
2	Decane, 1-iodo-	268	C10H21I	002050-77-3	81
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	81
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	74
5	1-Iodoundecane	282	C11H23I	004282-44-4	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP122719\
Data File : BP001470.D
Acq On : 27 Dec 2019 21:15
Operator : JU
Sample : K6438-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUNR-BF008-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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
2-Pentanone, 4-hy...	5.59	20.3	ng	149273	1	8.28	147269	20.0
unknown7.93	7.93	115.8	ng	852581	1	8.28	147269	20.0
Tetradecanoic acid	16.47	4.1	ng	48119	4	15.57	235476	20.0
13-Tetradecen-1-o...	19.14	2.5	ng	31967	5	19.22	253605	20.0
Cyclooctacosane	19.98	2.2	ng	27560	5	19.22	253605	20.0
Octacosane	20.66	2.0	ng	22244	6	20.99	220688	20.0
Octadecane, 2-met...	21.09	2.2	ng	24675	6	20.99	220688	20.0
Hentriacontane	21.59	2.3	ng	25221	6	20.99	220688	20.0
unknown21.73	21.73	2.0	ng	22103	6	20.99	220688	20.0
Tetradecane, 2,6,...	22.15	2.3	ng	25042	6	20.99	220688	20.0