LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001365.D
Acq On : 23 Dec 2019 14:09
Operator : JU
Sample : K6379-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-G

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	5.611	595	599	608	rVB	63966	92180	3.61%	0.493%
2	6.211	695	701	714	rBV	566150	689399	26.98%	3.687%
3	7.746	954	962	973	rBV	366173	472466	18.49%	2.527%
4	7.940	989	995	1010	rBV	1320938	1579662	61.83%	8.447%
5	8.299	1051	1056	1064	rBV	333407	393126	15.39%	2.102%
6	8.546	1091	1098	1102	rBV	1442924	1643413	64.33%	8.788%
7	9.187	1199	1207	1211	rBV	1047436	1322405	51.76%	7.072%
8	10.334	1397	1402	1410	rBV	385832	442670	17.33%	2.367%
9	12.122	1699	1706	1721	rBV	1936974	2333071	91.32%	12.476%
10	12.787	1814	1819	1825	rBV	35758	43017	1.68%	0.230%
11	13.198	1882	1889	1903	rBV	396798	509616	19.95%	2.725%
12	14.498	2103	2110	2132	rBV	1302105	1660648	65.00%	8.881%
13	15.598	2287	2297	2309	rBV	447501	539089	21.10%	2.883%
14	16.498	2444	2450	2464	rBV	156548	244046	9.55%	1.305%
15	17.228	2569	2574	2581	rBV	32473	57950	2.27%	0.310%
16	17.581	2630	2634	2646	rBV	83172	118403	4.63%	0.633%
17	17.892	2681	2687	2691	rBV	2348151	2554758	100.00%	13.662%
18	18.233	2741	2745	2747	rBV3	29271	41358	1.62%	0.221%
19	18.257	2747	2749	2754	rVB	39330	43233	1.69%	0.231%
20	18.704	2821	2825	2830	rBV	82498	90508	3.54%	0.484%
21	19.127	2892	2897	2910	rBV2	309967	521372	20.41%	2.788%
22	19.251	2913	2918	2922	rVV	416515	481263	18.84%	2.574%
23	19.292	2922	2925	2932	rVB	73622	83465	3.27%	0.446%
24	19.539	2963	2967	2974	rVB	208441	219507	8.59%	1.174%
25	19.933	3029	3034	3043	rBV	266328	314785	12.32%	1.683%
26	20.310	3093	3098	3102	rBV	319202	363064	14.21%	1.942%
27	20.392	3108	3112	3118	rVB	33096	41729	1.63%	0.223%
28	20.704	3160	3165	3172	rBV	311254	393986	15.42%	2.107%
29	21.027	3214	3220	3228	rVB	314040	464431	18.18%	2.484%
30	21.145	3234	3240	3251	rVB	256687	394117	15.43%	2.108%
31	21.639	3318	3324	3331	rBV	177983	300035	11.74%	1.604%
32	22.210	3416	3421	3437	rVB2	81642	196777	7.70%	1.052%
33	22.880	3531	3535	3544	rVB2	25657	54366	2.13%	0.291%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001365.D
Acq On : 23 Dec 2019 14:09
Operator : JU
Sample : K6379-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-G

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

Sum of corrected areas: 18699915

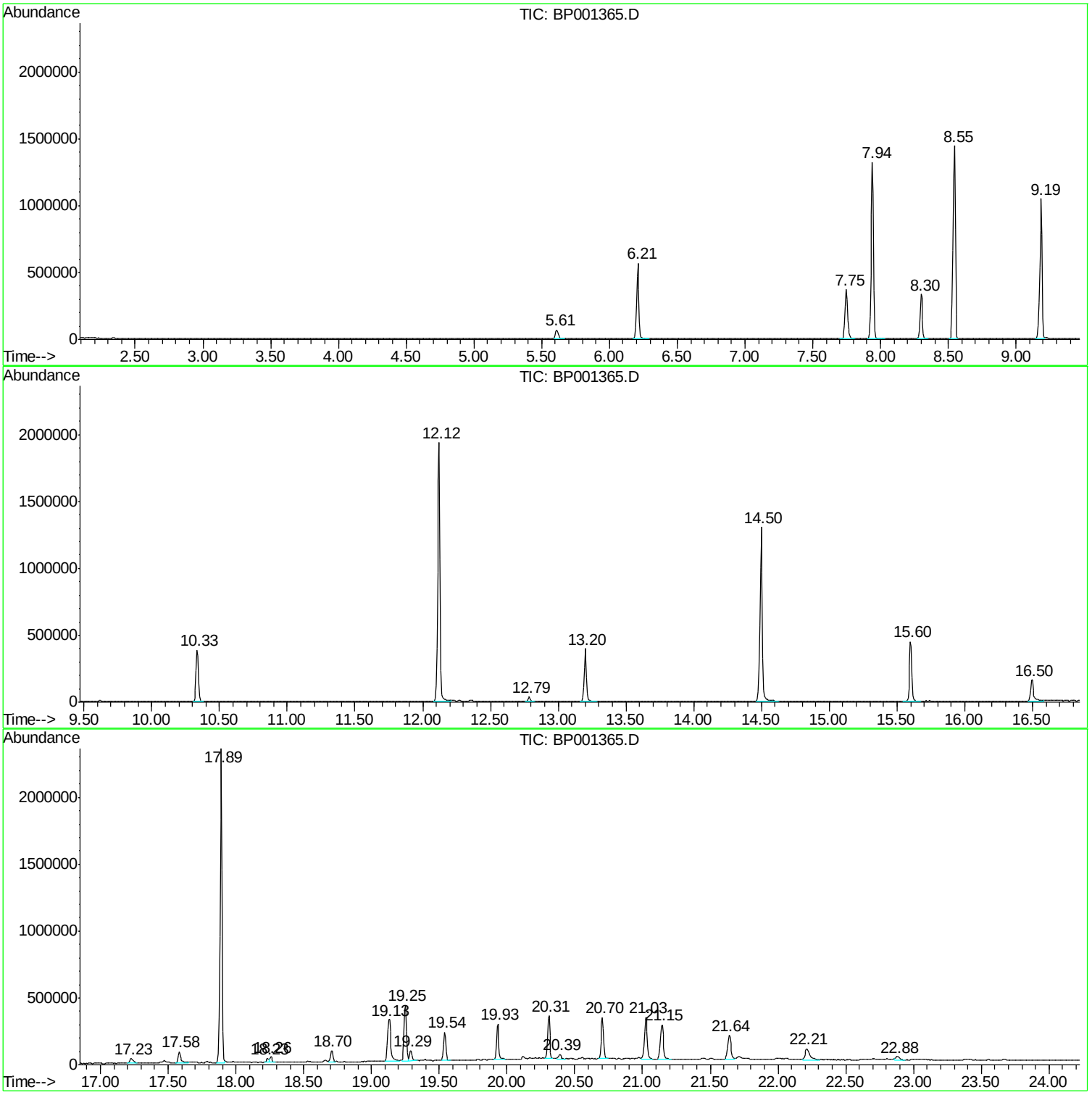
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001365.D
Acq On : 23 Dec 2019 14:09
Operator : JU
Sample : K6379-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-G

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\BP122319\
Data File : BP001365.D
Acq On : 23 Dec 2019 14:09
Operator : JU
Sample : K6379-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-G

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

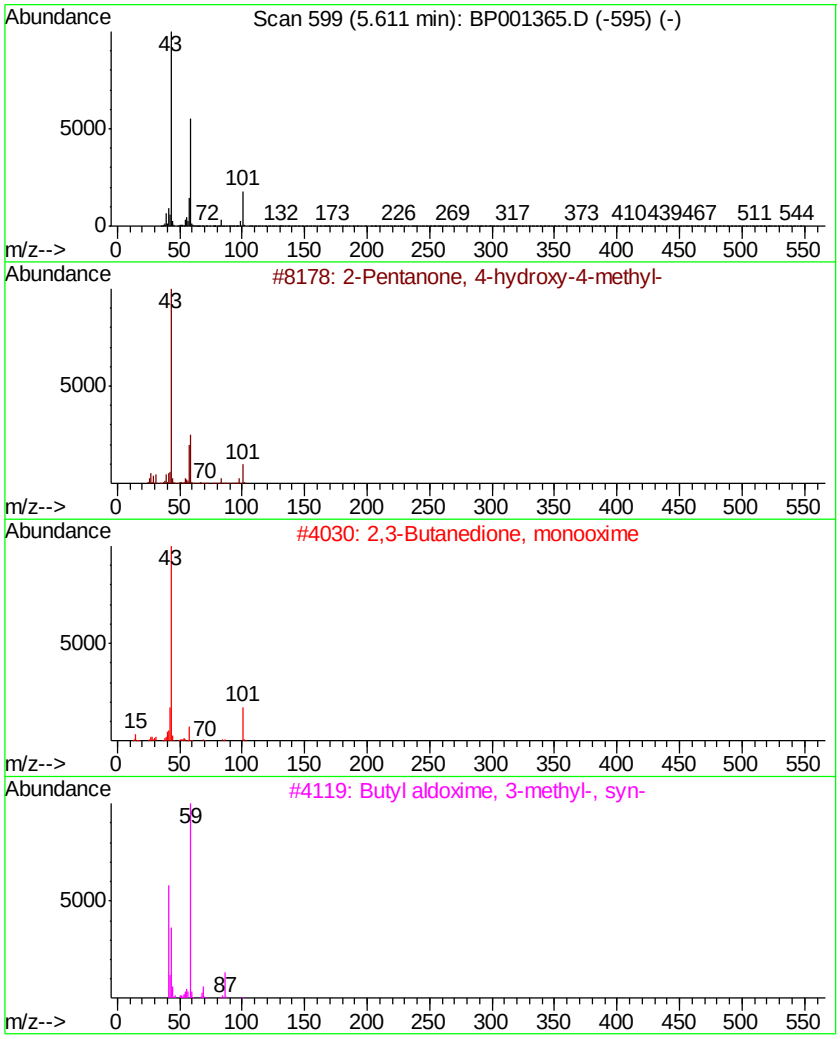
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

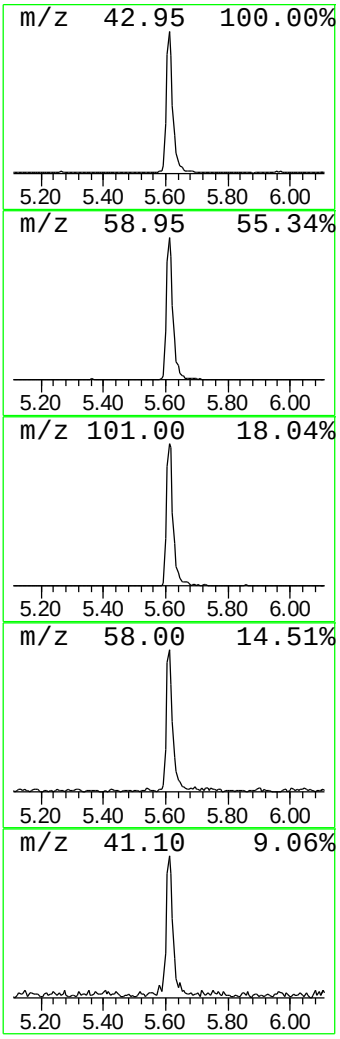
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.61	4.69 ng	92180	1,4-Dichlorobenzene-d4	8.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	5-Aminovaleric acid	117	C5H11NO2	000660-88-8	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001365.D
Acq On : 23 Dec 2019 14:09
Operator : JU
Sample : K6379-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-G

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

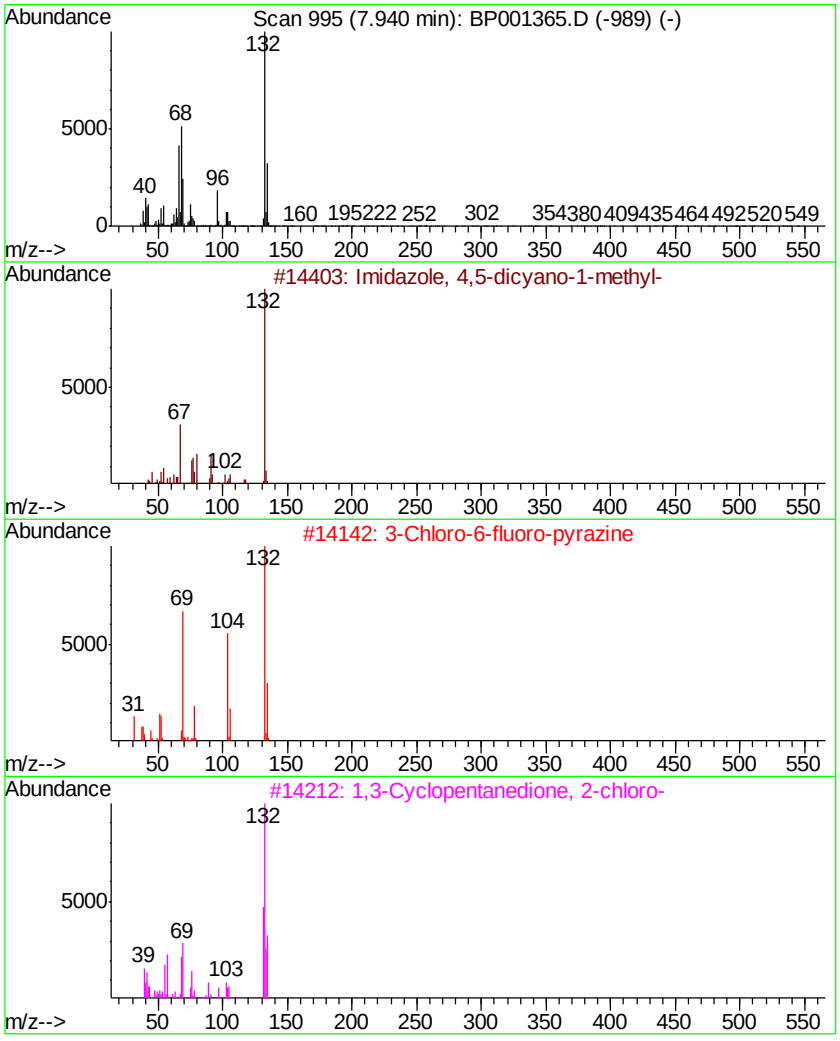
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

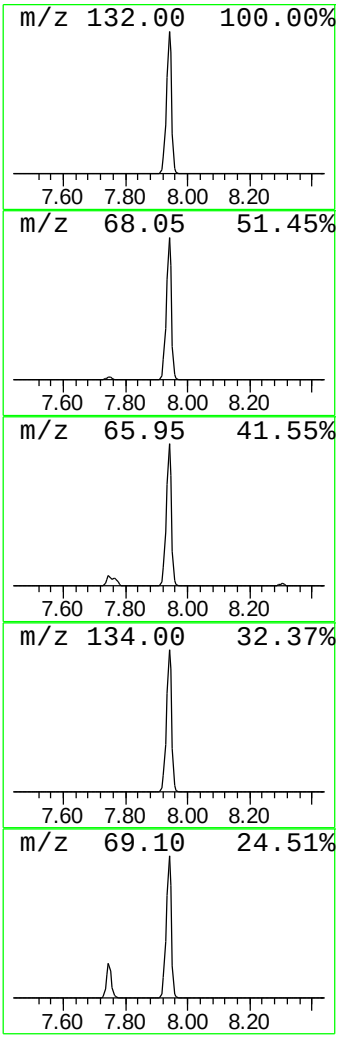
****

Peak Number 2 unknown7.94 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	80.36 ng	1579660	1,4-Dichlorobenzene-d4	8.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	11
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	10
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001365.D
Acq On : 23 Dec 2019 14:09
Operator : JU
Sample : K6379-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-G

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

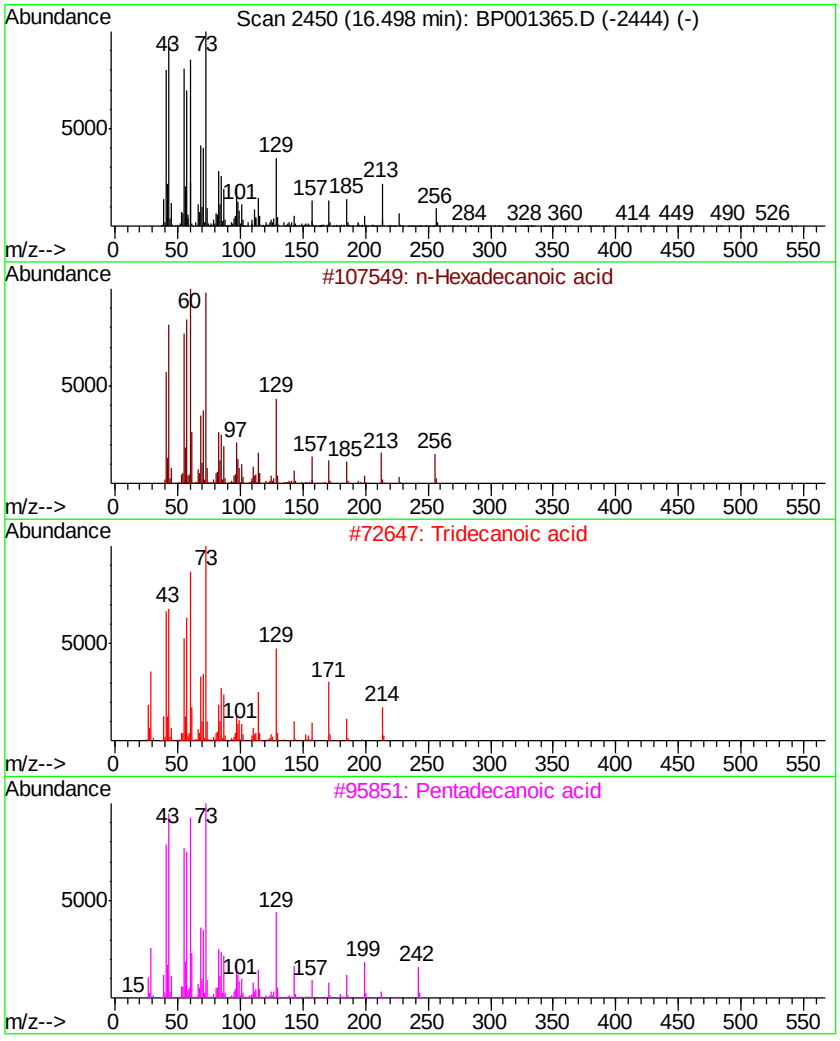
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

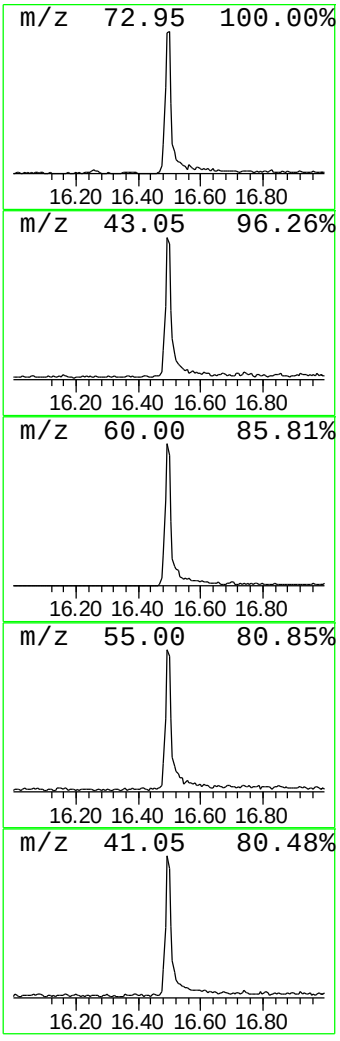
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	9.05 ng	244046	Phenanthrene-d10	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Dodecanoic acid	200	C12H24O2	000143-07-7	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001365.D
Acq On : 23 Dec 2019 14:09
Operator : JU
Sample : K6379-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-G

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

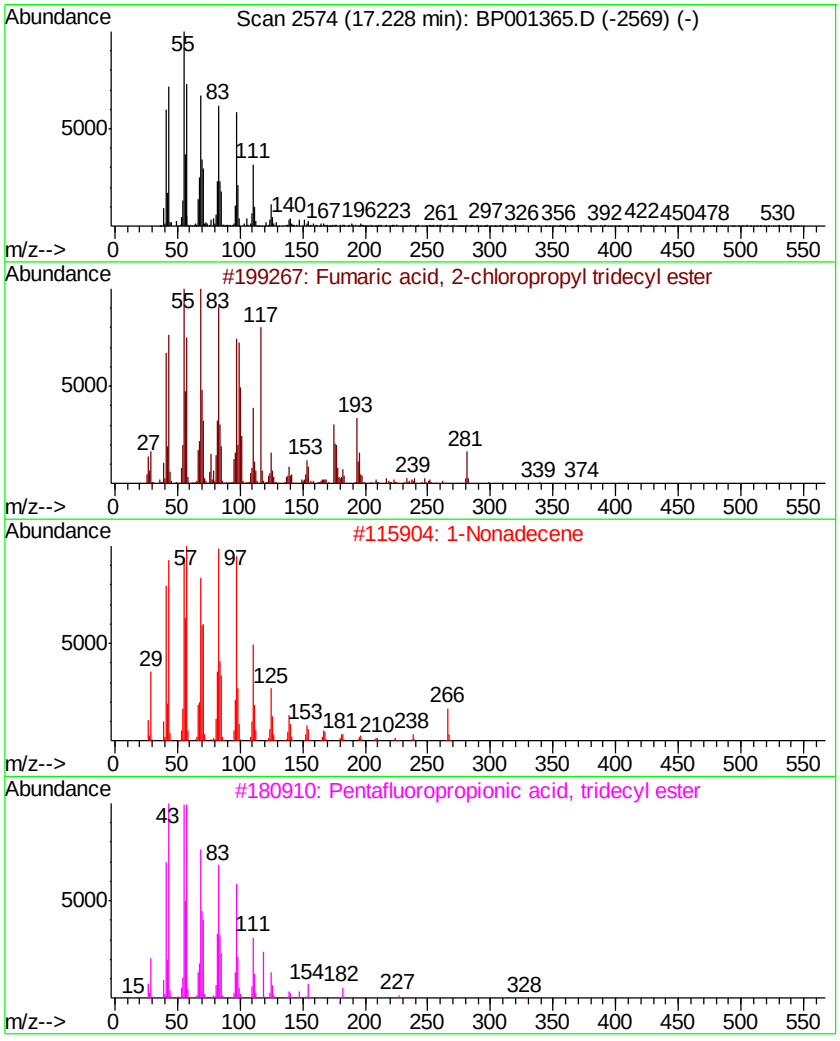
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

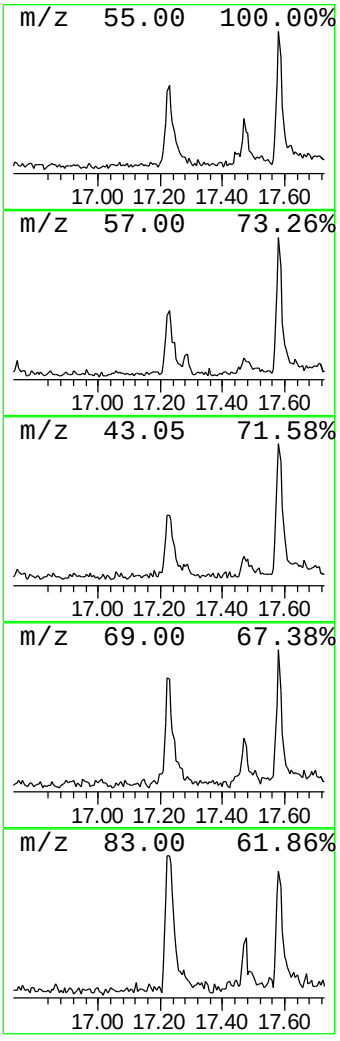
****

Peak Number 5 Fumaric acid, 2-chloropropy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	2.15 ng	57950	Phenanthrene-d10	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, 2-chloropropyl tri...	374	C20H35ClO4	1000348-57-1	98
2	1-Nonadecene	266	C19H38	018435-45-5	94
3	Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	93
4	Z-5-Nonadecene	266	C19H38	1000131-11-8	87
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001365.D
Acq On : 23 Dec 2019 14:09
Operator : JU
Sample : K6379-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-G

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

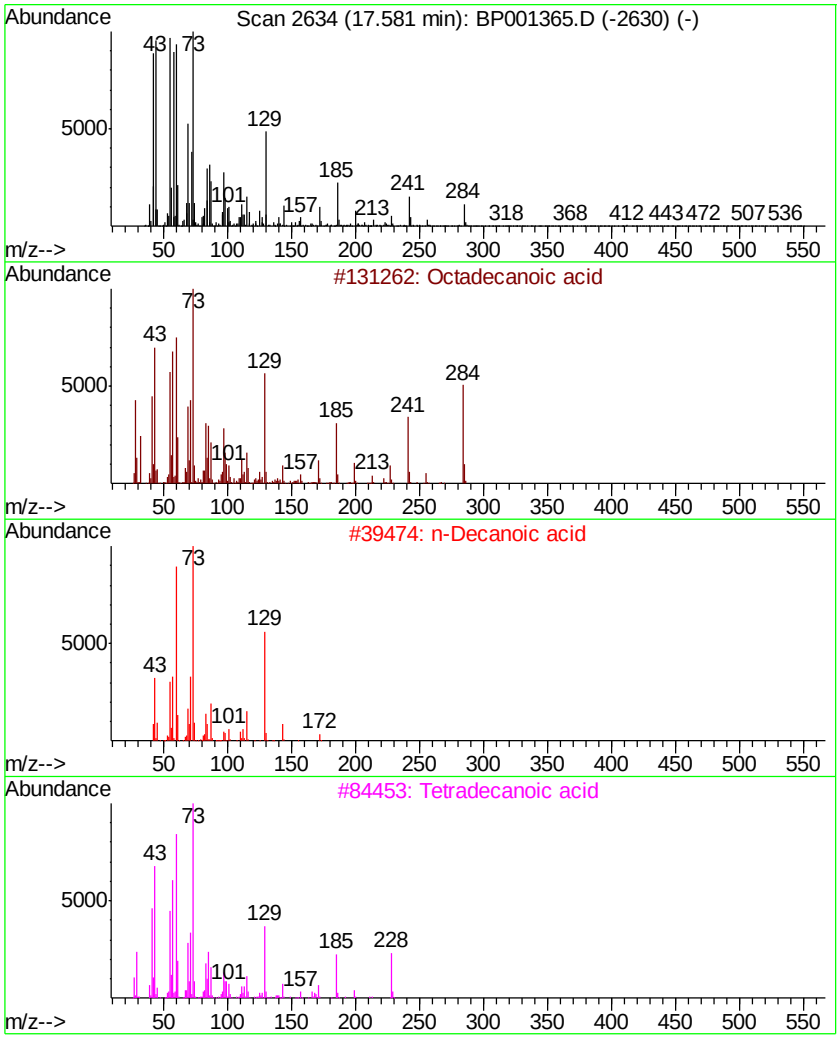
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

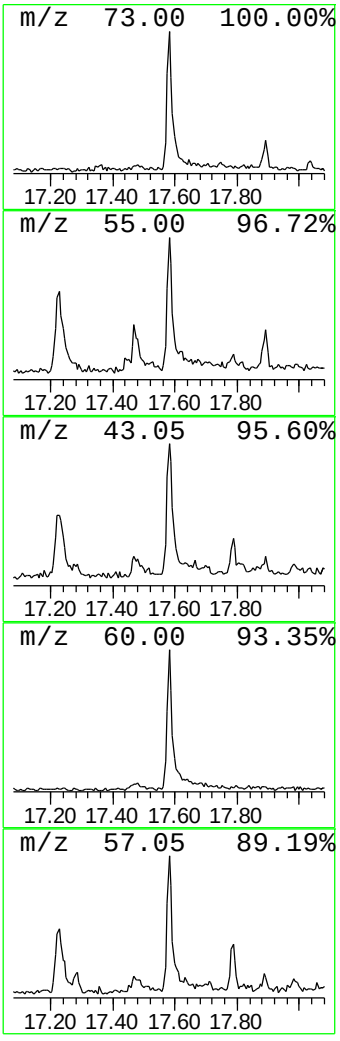
****

Peak Number 6 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.58	4.92 ng	118403	Chrysene-d12	19.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001365.D
Acq On : 23 Dec 2019 14:09
Operator : JU
Sample : K6379-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-G

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

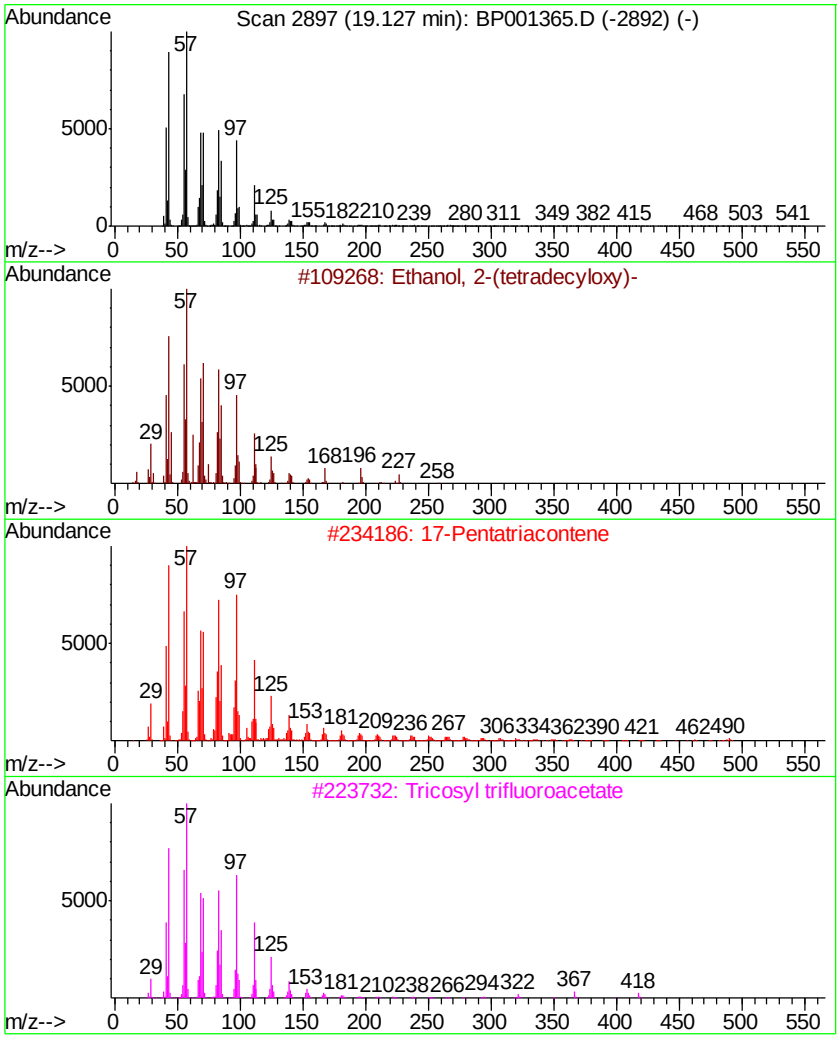
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

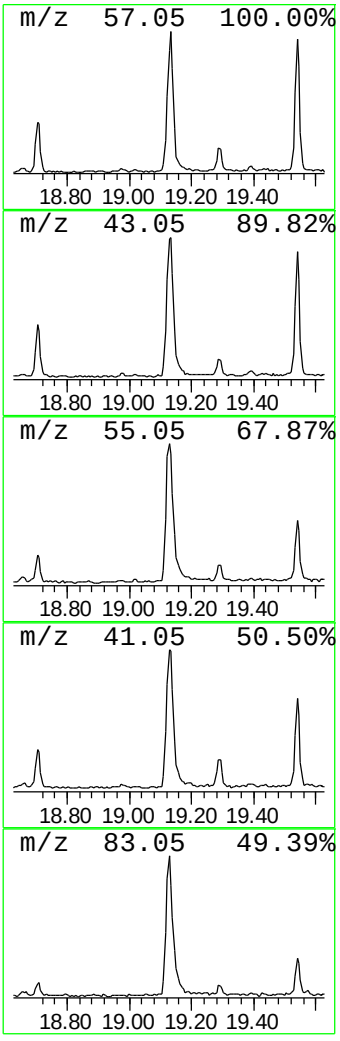
****

Peak Number 8 Ethanol, 2-(tetradecyloxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	21.67 ng	521372	Chrysene-d12	19.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	94
2	17-Pentatriacontene	491	C35H70	006971-40-0	94
3	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
4	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91
5	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001365.D
Acq On : 23 Dec 2019 14:09
Operator : JU
Sample : K6379-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-G

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

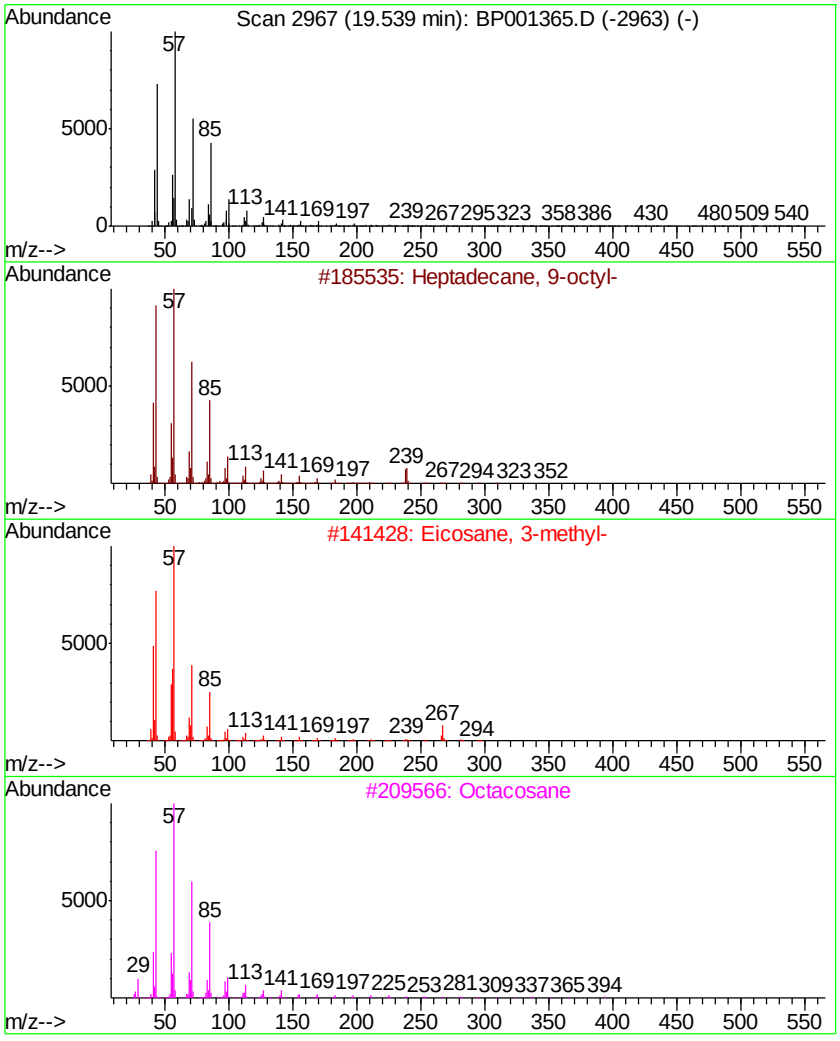
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

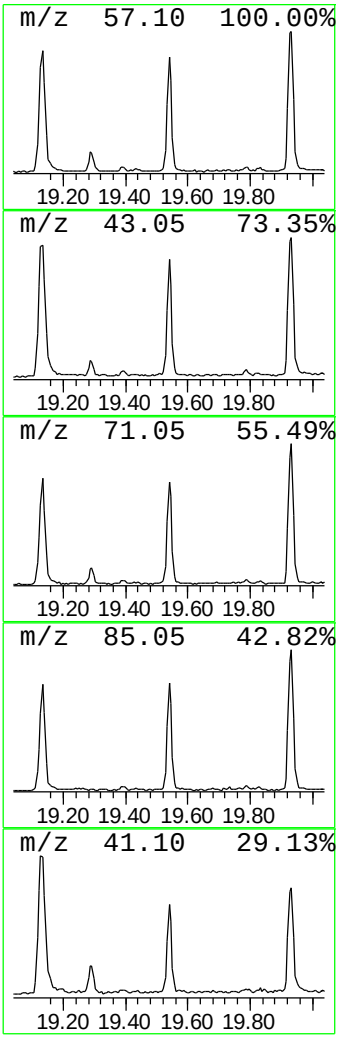
****

Peak Number 9 Heptadecane, 9-octyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	9.12 ng	219507	Chrysene-d12	19.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	96
2	Eicosane, 3-methyl-	296	C21H44	006418-46-8	93
3	Octacosane	394	C28H58	000630-02-4	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001365.D
Acq On : 23 Dec 2019 14:09
Operator : JU
Sample : K6379-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-G

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

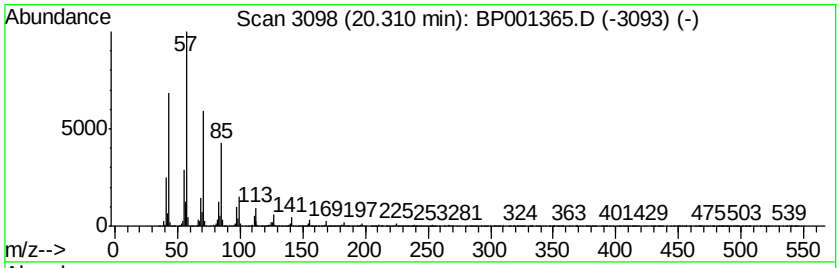
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

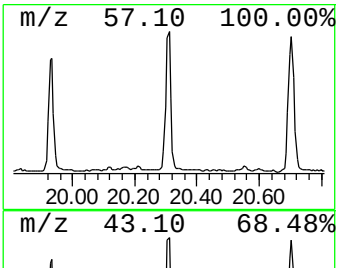
****

Peak Number 11 Triacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.31	15.63 ng	363064	Perylene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	94
2	Triacontane	422	C30H62	000638-68-6	93
3	Heptacosane	380	C27H56	000593-49-7	91
4	Pentacosane	352	C25H52	000629-99-2	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001365.D
Acq On : 23 Dec 2019 14:09
Operator : JU
Sample : K6379-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-G

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

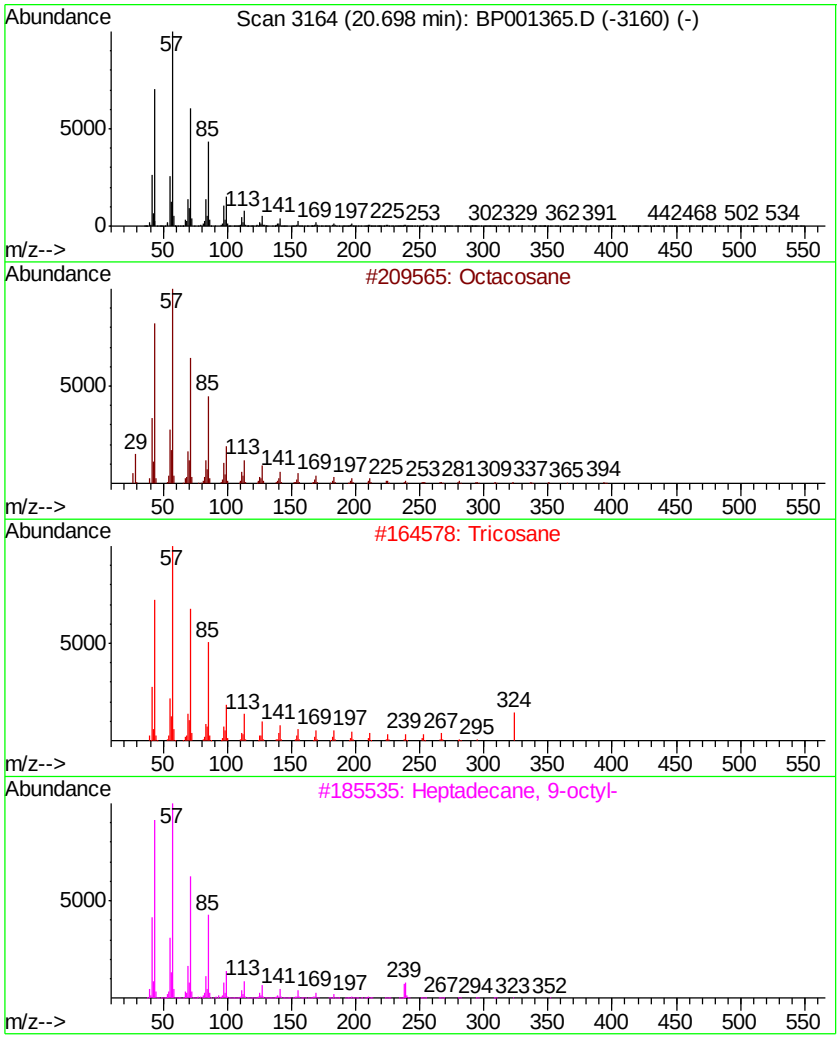
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

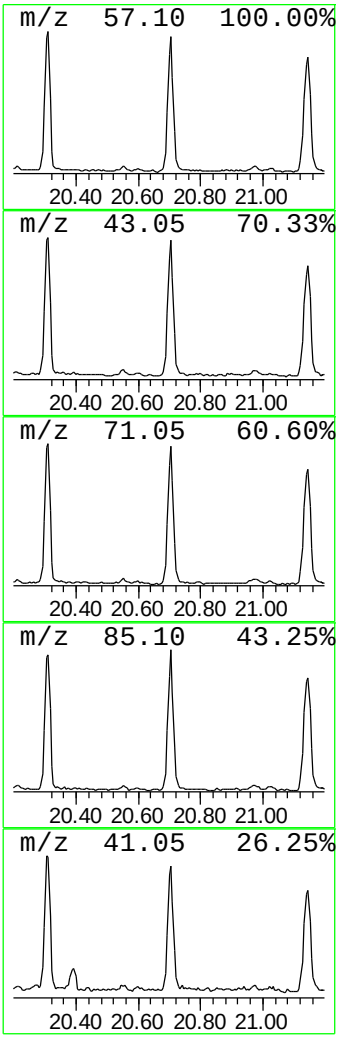
****

Peak Number 12 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.70	16.97 ng	393986	Perylene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	97
2	Tricosane	324	C23H48	000638-67-5	95
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Hexatriacontane	507	C36H74	000630-06-8	91





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Data File : BP001365.D
Acq On : 23 Dec 2019 14:09
Operator : JU
Sample : K6379-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-G

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

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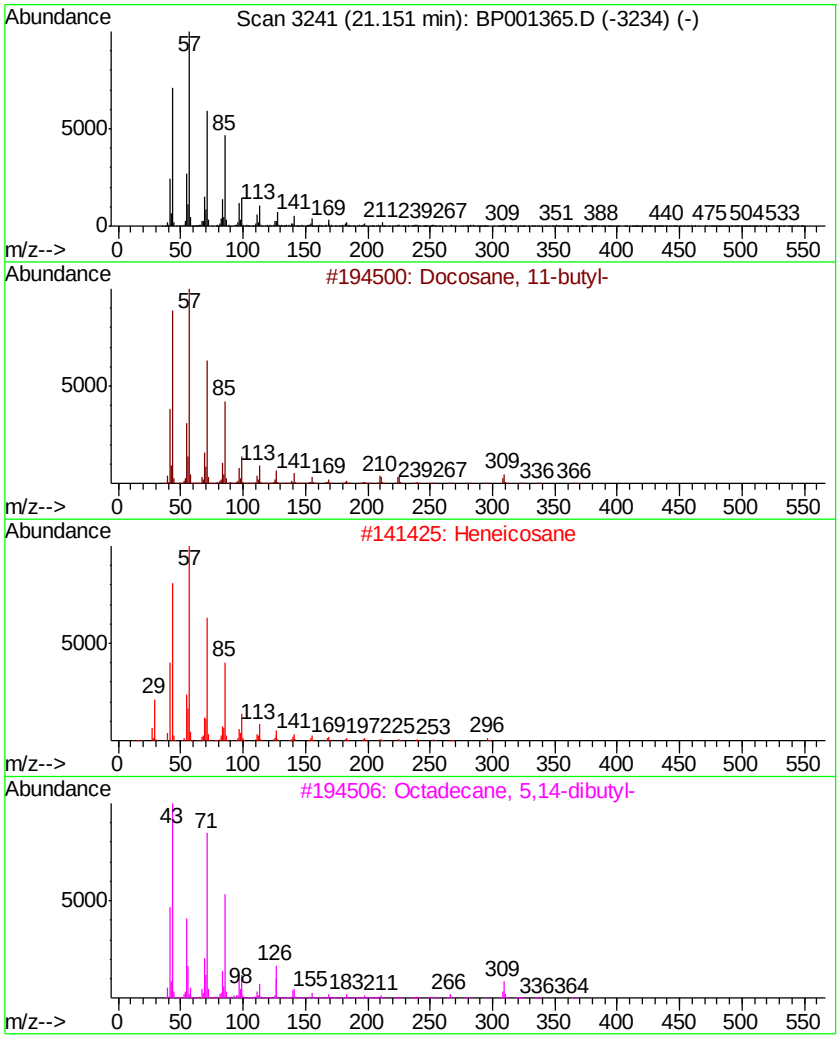
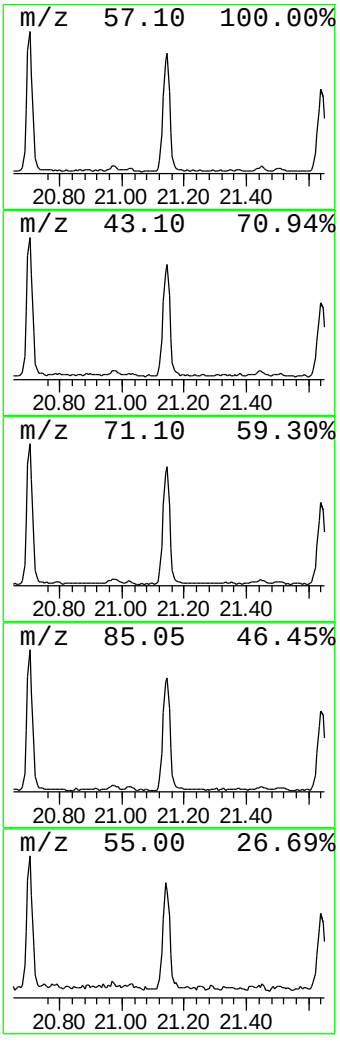
Peak Number 13 Docosane, 11-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.15	16.97 ng	394117	Perylene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	95
2	Heneicosane	296	C21H44	000629-94-7	95
3	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	94
4	Eicosane, 3-methyl-	296	C21H44	006418-46-8	94
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001365.D
Acq On : 23 Dec 2019 14:09
Operator : JU
Sample : K6379-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-G

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

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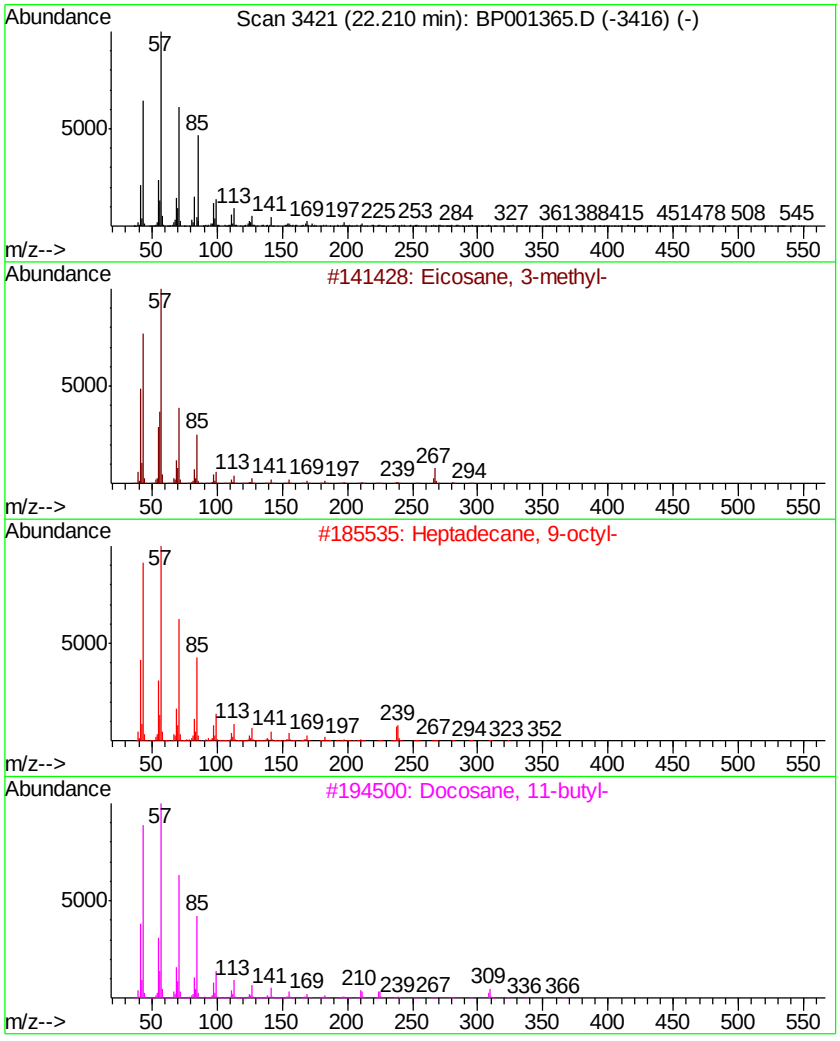
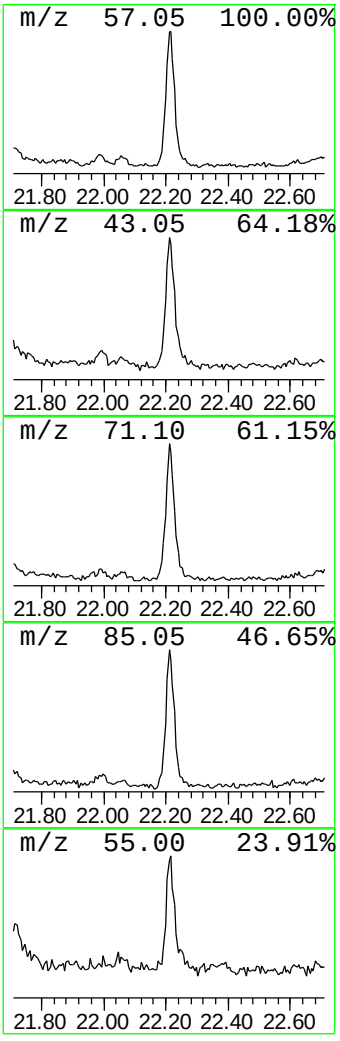
Peak Number 15 Eicosane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.21	8.47 ng	196777	Perylene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 3-methyl-	296	C21H44	006418-46-8	94
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
4	Hexacosane	366	C26H54	000630-01-3	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001365.D
Acq On : 23 Dec 2019 14:09
Operator : JU
Sample : K6379-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-G

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

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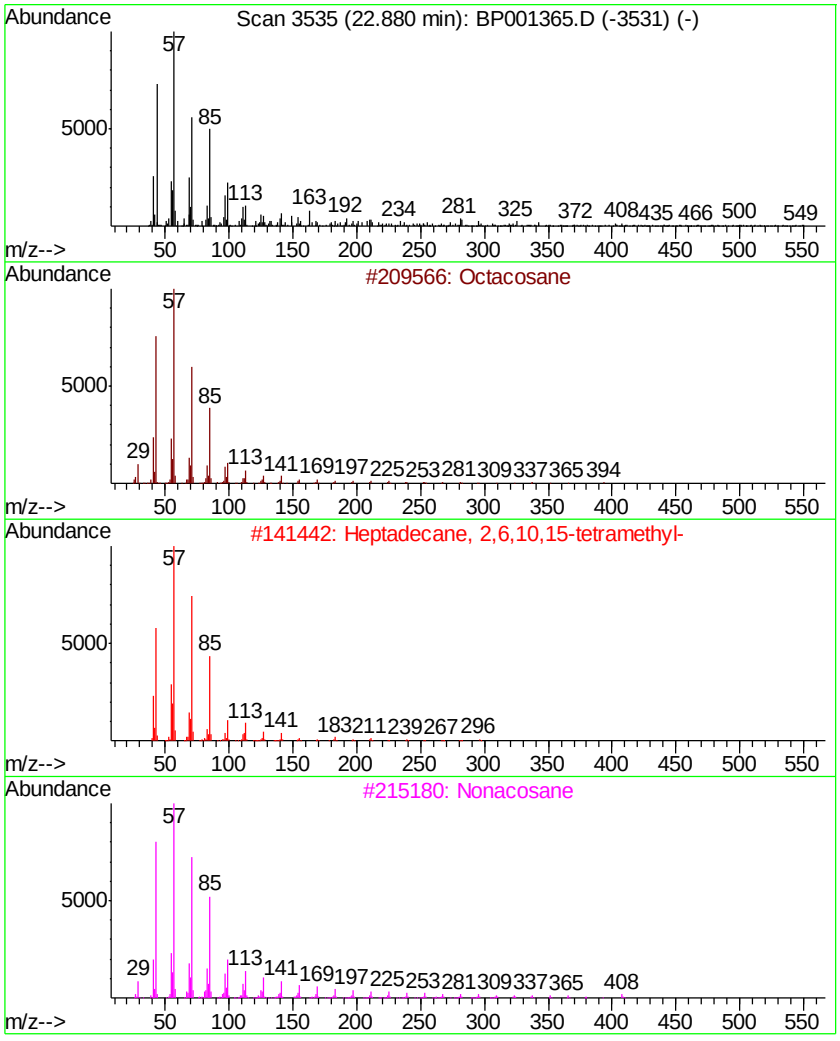
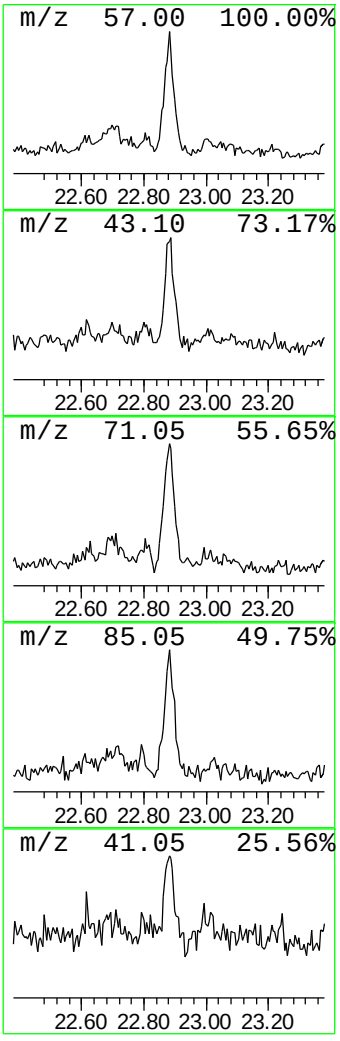
Peak Number 16 Heptadecane, 2,6,10,15-tetr... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.88	2.34 ng	54366	Perylene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3	Nonacosane	408	C29H60	000630-03-5	68
4	Tetratetracontane	619	C44H90	007098-22-8	64
5	Eicosane	282	C20H42	000112-95-8	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP122319\
Data File : BP001365.D
Acq On : 23 Dec 2019 14:09
Operator : JU
Sample : K6379-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-G

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...	5.61	4.7	ng	92180	1	8.30	393126	20.0
unknown7.94	7.94	80.4	ng	1579660	1	8.30	393126	20.0
n-Hexadecanoic acid	16.50	9.1	ng	244046	4	15.60	539089	20.0
Fumaric acid, 2-c...	17.23	2.1	ng	57950	4	15.60	539089	20.0
Octadecanoic acid	17.58	4.9	ng	118403	5	19.25	481263	20.0
Ethanol, 2-(tetra...	19.13	21.7	ng	521372	5	19.25	481263	20.0
Heptadecane, 9-oc...	19.54	9.1	ng	219507	5	19.25	481263	20.0
Triacontane	20.31	15.6	ng	363064	6	21.03	464431	20.0
Octacosane	20.70	17.0	ng	393986	6	21.03	464431	20.0
Docosane, 11-butyl-	21.15	17.0	ng	394117	6	21.03	464431	20.0
Eicosane, 3-methyl-	22.21	8.5	ng	196777	6	21.03	464431	20.0
Heptadecane, 2,6,...	22.88	2.3	ng	54366	6	21.03	464431	20.0