LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001399.D
Acq On : 24 Dec 2019 21:34
Operator : JU
Sample : K6413-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : K005-AA-WC-2

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	5.599	592	597	609	rVB	147275	234564	14.87%	1.589%
2	6.205	694	700	712	rBV	951952	1163642	73.78%	7.884%
3	7.752	955	963	974	rBV	972025	1325667	84.05%	8.982%
4	7.928	987	993	1004	rVB	1102198	1298433	82.33%	8.797%
5	8.281	1044	1053	1061	rBV	320426	365466	23.17%	2.476%
6	8.522	1088	1094	1099	rBV	846765	986164	62.53%	6.681%
7	9.163	1196	1203	1207	rBV	606475	824436	52.27%	5.586%
8	10.316	1393	1399	1404	rBV	384075	456818	28.96%	3.095%
9	12.098	1694	1702	1706	rBV	1309338	1555861	98.65%	10.541%
10	12.763	1810	1815	1820	rBV	69587	81493	5.17%	0.552%
11	13.181	1879	1886	1891	rBV	434219	563649	35.74%	3.819%
12	14.475	2098	2106	2118	rBV	922251	1158473	73.45%	7.849%
13	15.575	2288	2293	2297	rBV	483910	568361	36.04%	3.851%
14	15.610	2297	2299	2305	rVB	95863	91788	5.82%	0.622%
15	15.686	2309	2312	2315	rBV	16520	18864	1.20%	0.128%
16	16.369	2425	2428	2435	rVB2	17557	23537	1.49%	0.159%
17	16.469	2441	2445	2452	rBV2	102885	142811	9.05%	0.968%
18	17.116	2551	2555	2559	rBV5	10161	15916	1.01%	0.108%
19	17.322	2584	2590	2595	rBV	136524	151201	9.59%	1.024%
20	17.557	2627	2630	2637	rBV4	25547	34568	2.19%	0.234%
21	17.627	2637	2642	2647	rVB	128509	153389	9.73%	1.039%
22	17.863	2675	2682	2686	rBV	1478949	1577169	100.00%	10.686%
23	18.222	2738	2743	2754	rVB5	20904	44533	2.82%	0.302%
24	18.680	2817	2821	2824	rVV	21170	19879	1.26%	0.135%
25	18.745	2828	2832	2840	rBV2	13256	21446	1.36%	0.145%
26	18.892	2852	2857	2861	rBV2	11346	16667	1.06%	0.113%
27	19.098	2887	2892	2903	rBV2	112126	220921	14.01%	1.497%
28	19.221	2907	2913	2916	rVV2	435141	513265	32.54%	3.477%
29	19.251	2916	2918	2922	rVB	53056	53905	3.42%	0.365%
30	19.516	2959	2963	2967	rVB	33863	37788	2.40%	0.256%
31	19.904	3022	3029	3039	rBV2	39840	63675	4.04%	0.431%
32	20.239	3082	3086	3089	rBV	49665	58385	3.70%	0.396%
33	20.274	3089	3092	3099	rVV	42336	55424	3.51%	0.376%
34	20.357	3103	3106	3111	rVB	15718	18839	1.19%	0.128%

LSC Area Percent Report

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Acq On : 24 Dec 2019 21:34
Operator : JU
Sample : K6413-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : K005-AA-WC-2

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

35	20.504	3126	3131	3135	rBV	46228	80563	5.11%	0.546%
36	20.668	3155	3159	3164	rVB	45423	53442	3.39%	0.362%
37	20.845	3185	3189	3196	rVB	25550	36794	2.33%	0.249%
38	20.916	3196	3201	3206	rBV	36455	48048	3.05%	0.326%
39	20.992	3208	3214	3223	rBV	278970	394164	24.99%	2.671%
40	21.104	3228	3233	3240	rVB	41711	62018	3.93%	0.420%
41	21.592	3311	3316	3322	rBV2	29093	48162	3.05%	0.326%
42	21.663	3324	3328	3334	rBV7	11430	28559	1.81%	0.193%
43	22.157	3407	3412	3419	rBV3	15253	28121	1.78%	0.191%
44	22.604	3483	3488	3498	rVB3	15404	38002	2.41%	0.257%
45	23.080	3565	3569	3576	rVB4	12741	24948	1.58%	0.169%

Sum of corrected areas: 14759818

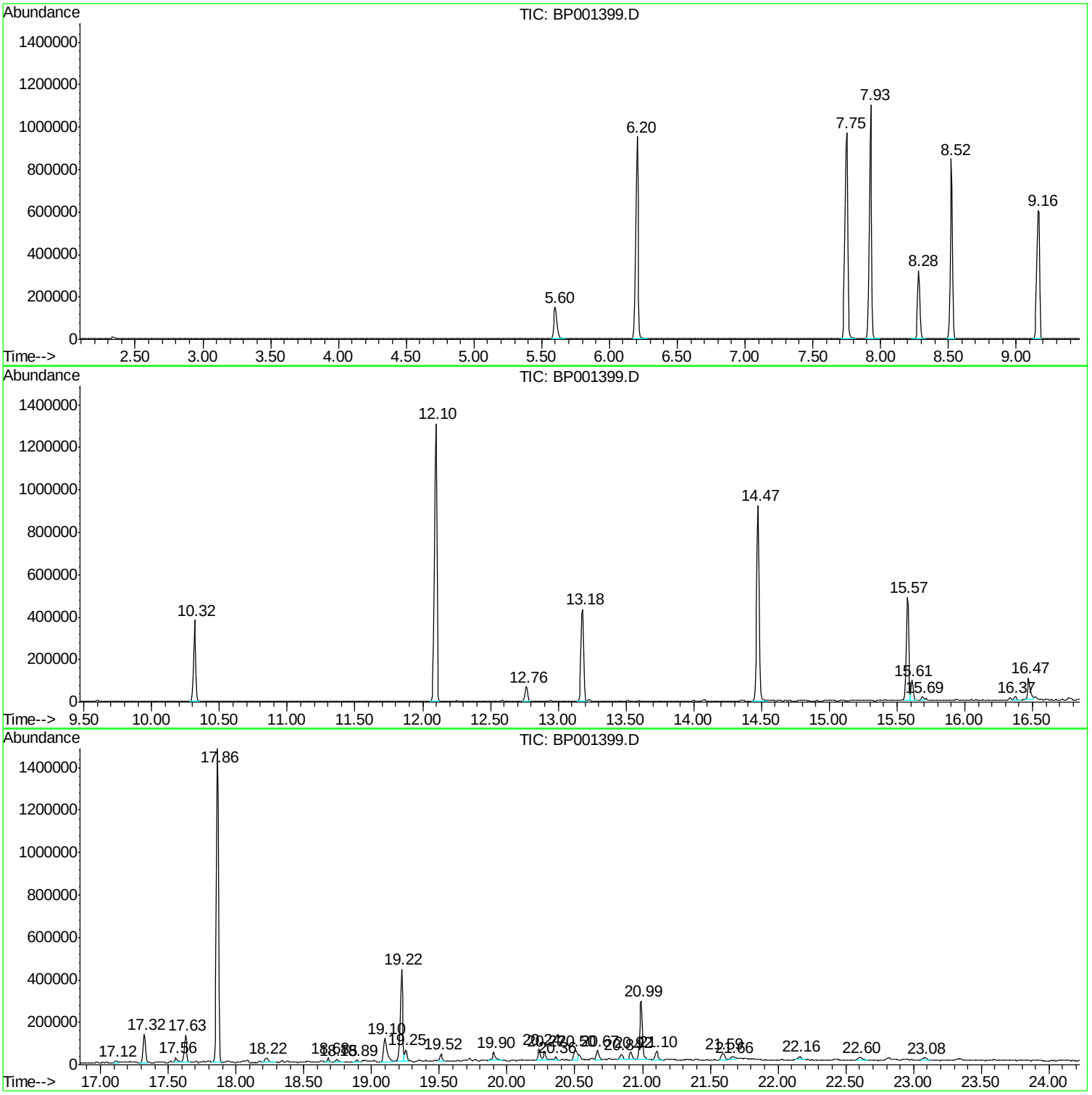
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001399.D
Acq On : 24 Dec 2019 21:34
Operator : JU
Sample : K6413-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : K005-AA-WC-2

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\BP122419\
Data File : BP001399.D
Acq On : 24 Dec 2019 21:34
Operator : JU
Sample : K6413-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : K005-AA-WC-2

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

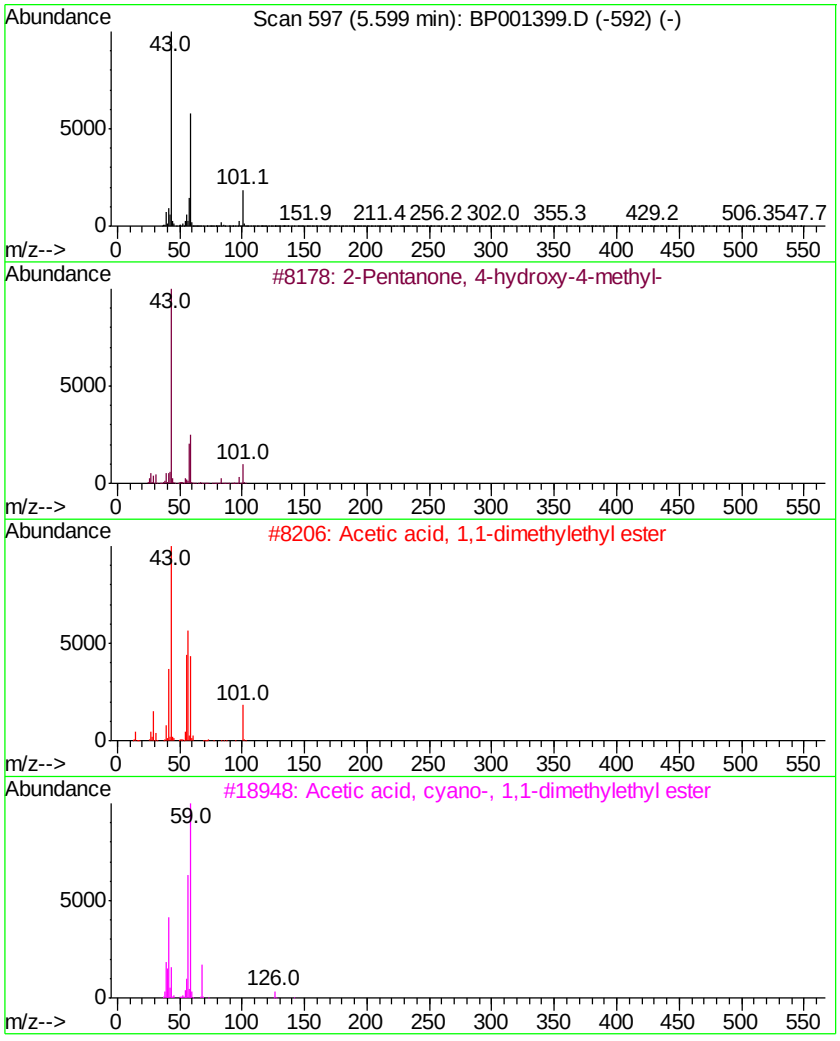
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

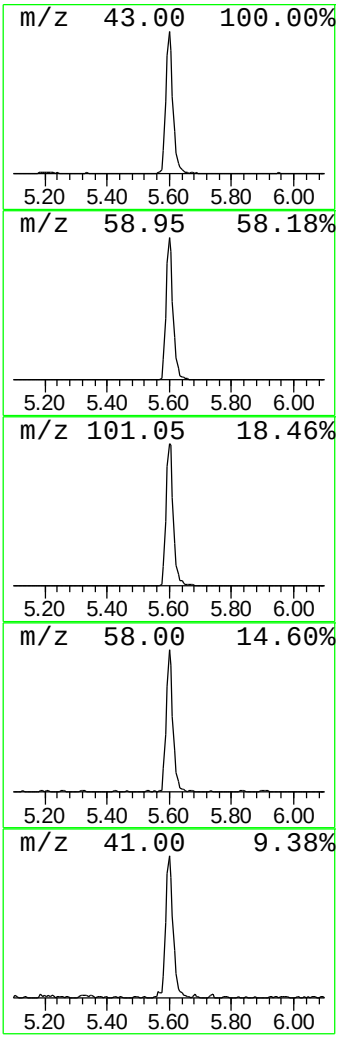
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	12.84 ng	234564	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	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10





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Data File : BP001399.D
Acq On : 24 Dec 2019 21:34
Operator : JU
Sample : K6413-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : K005-AA-WC-2

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

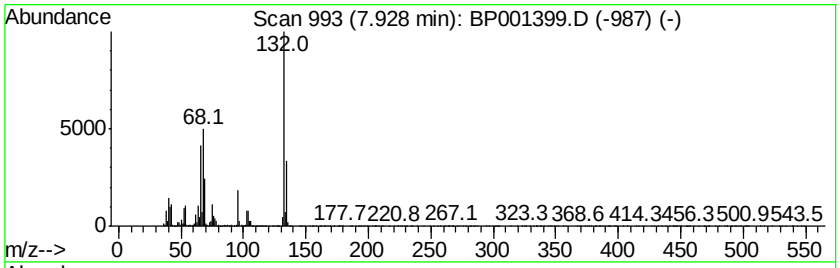
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

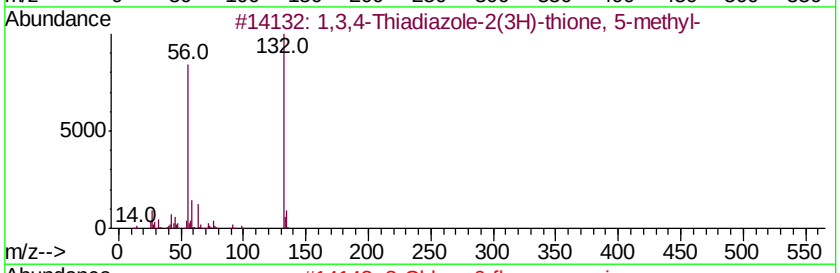
****

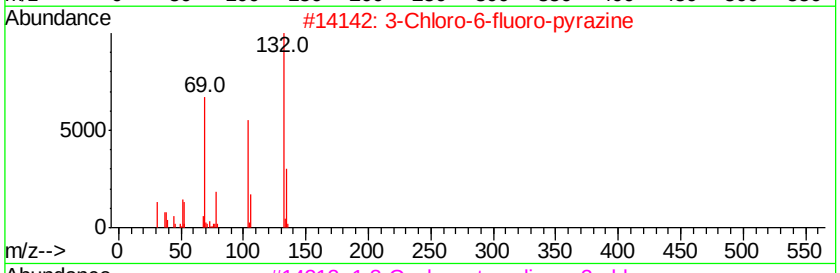
Peak Number 2 unknown7.93 Concentration Rank 1

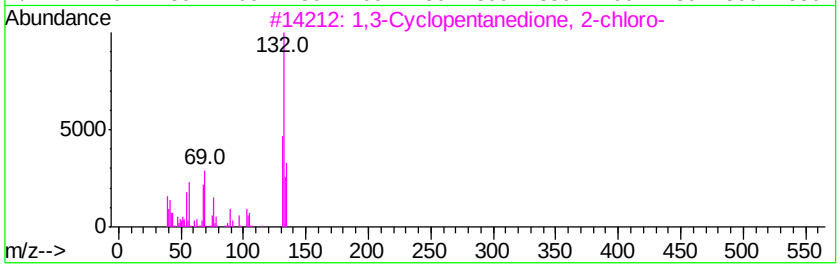
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	71.06 ng	1298430	1,4-Dichlorobenzene-d4	8.28

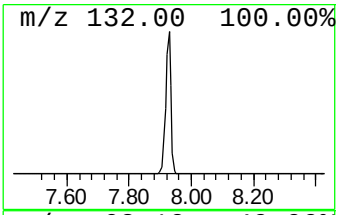
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10

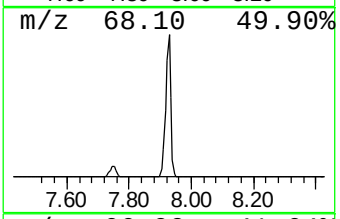


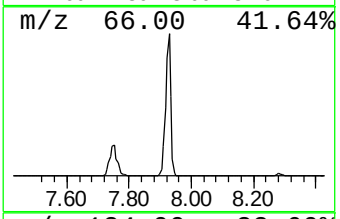


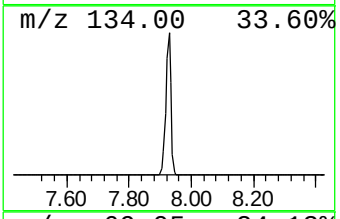


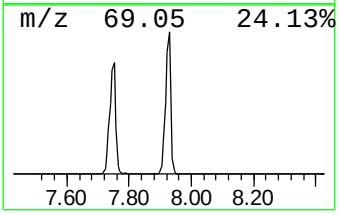












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001399.D
Acq On : 24 Dec 2019 21:34
Operator : JU
Sample : K6413-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : K005-AA-WC-2

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

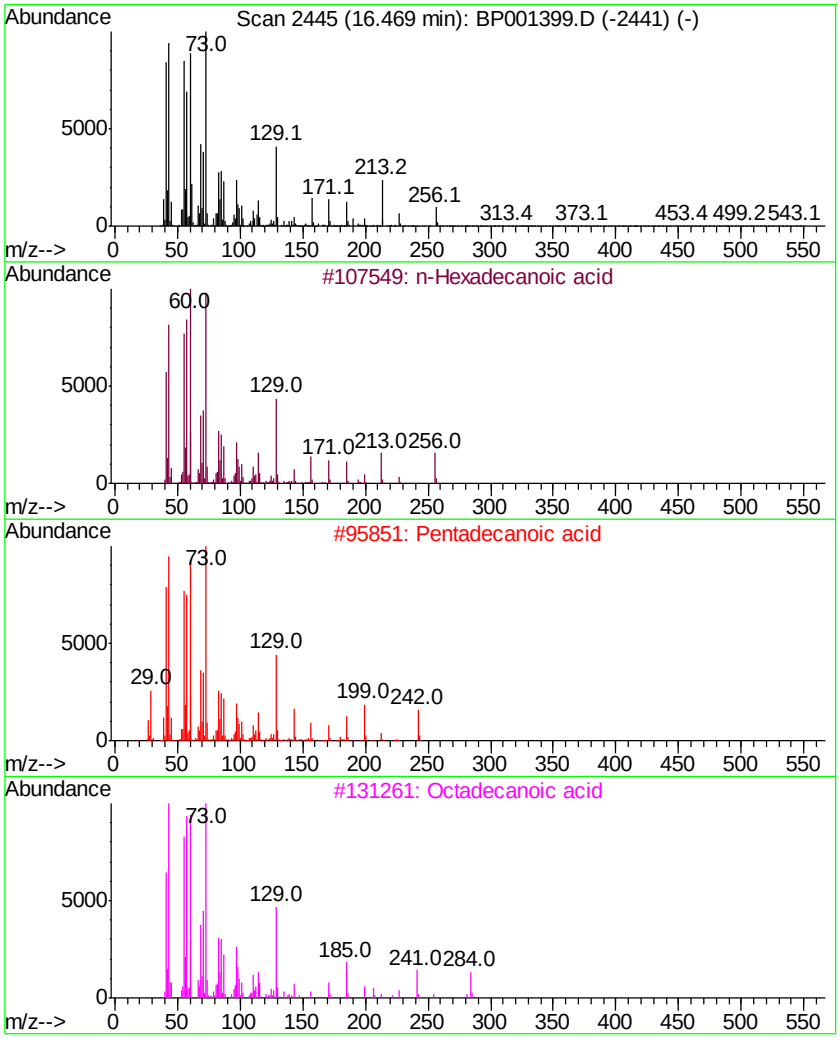
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

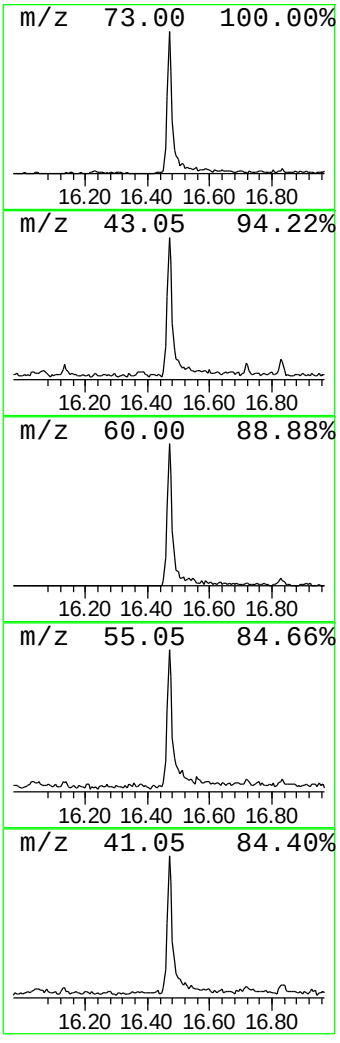
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	5.03 ng	142811	Phenanthrene-d10	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : K005-AA-WC-2

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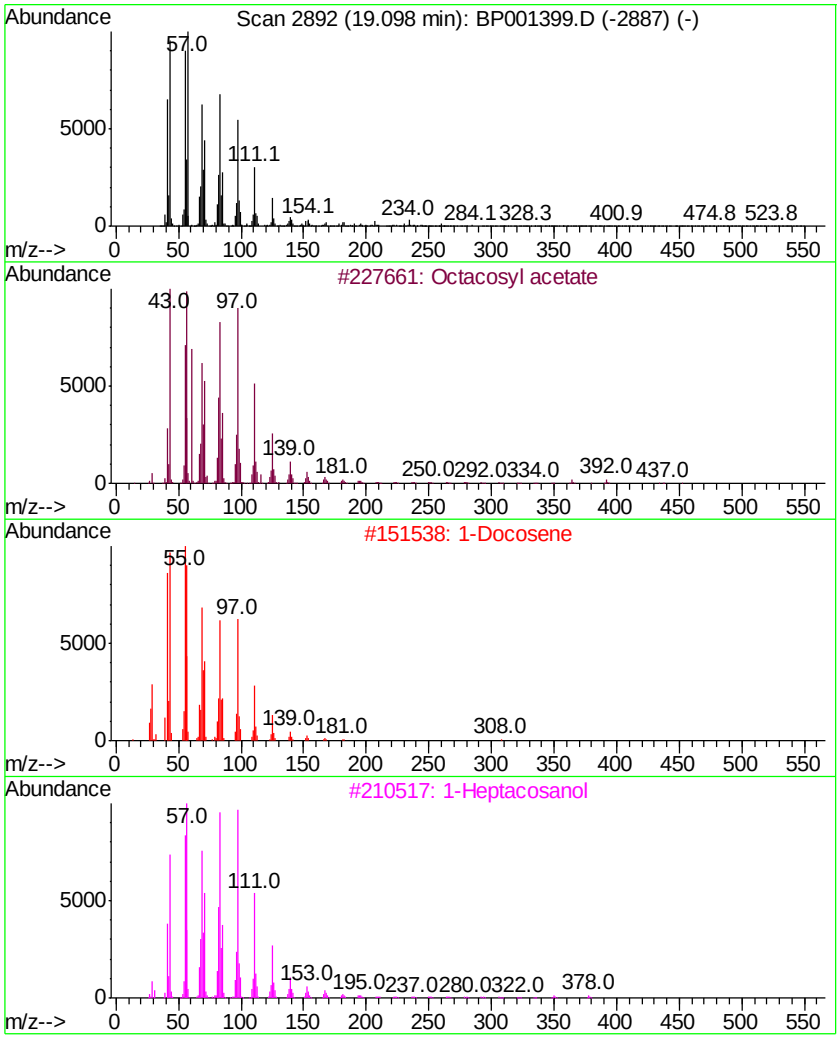
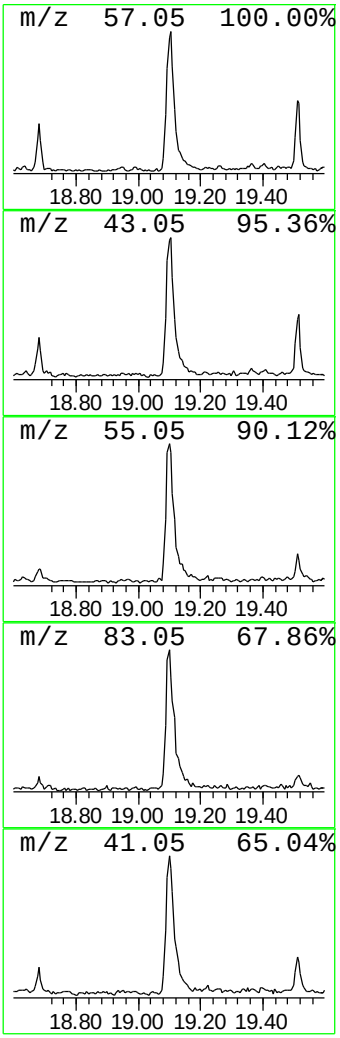
****

Peak Number 5 Octacosyl acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	8.61 ng	220921	Chrysene-d12	19.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl acetate	452	C30H60O2	018206-97-8	96
2	1-Docosene	308	C22H44	001599-67-3	93
3	1-Heptacosanol	396	C27H56O	002004-39-9	91
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

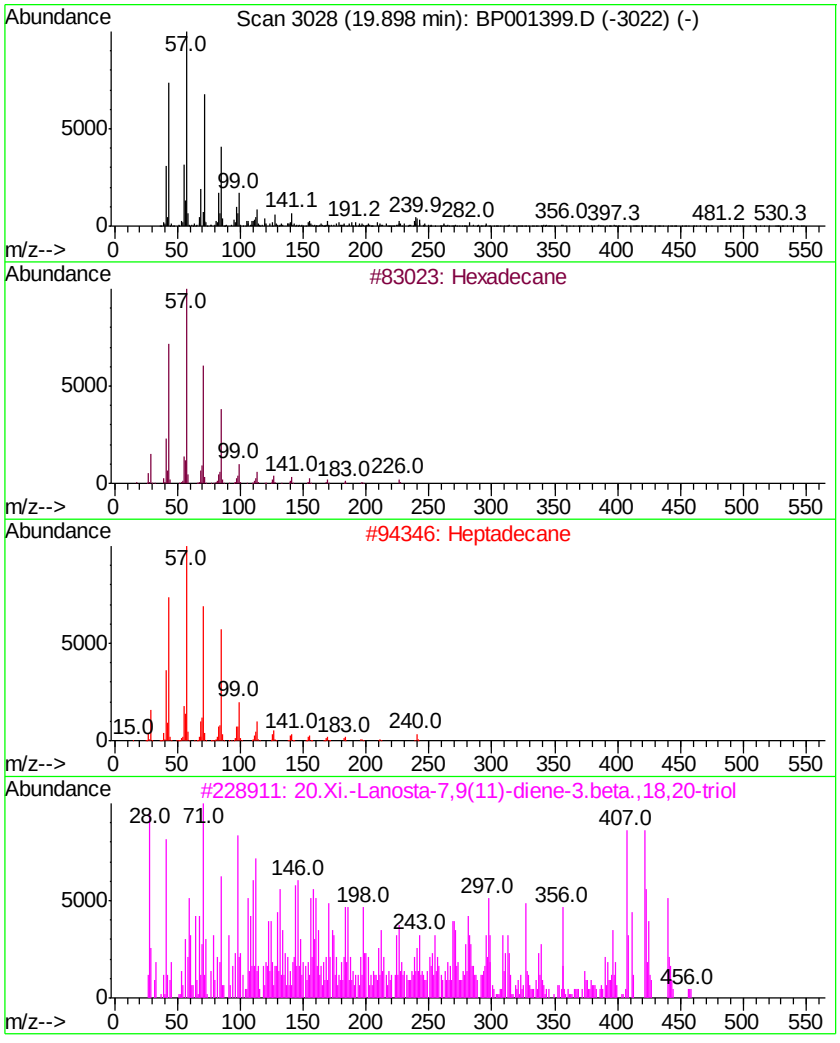
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

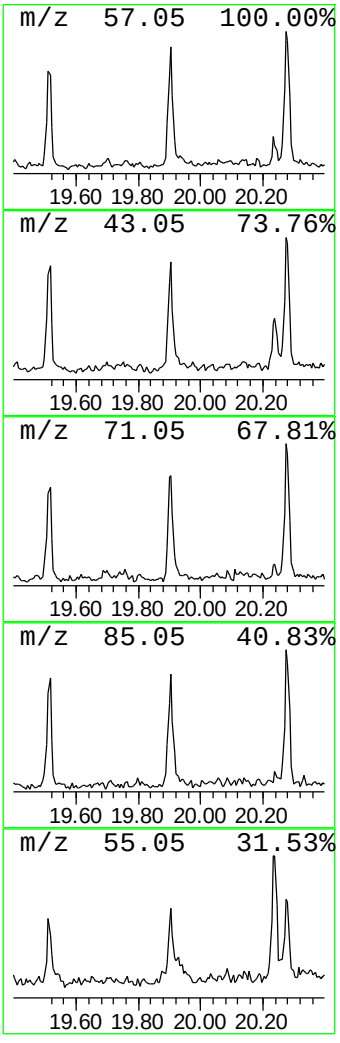
****

Peak Number 6 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	2.48 ng	63675	Chrysene-d12	19.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Heptadecane	240	C17H36	000629-78-7	93
3	20.Xi.-Lanosta-7,9(11)-diene-3.b...	458	C30H50O3	025116-58-9	91
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : K005-AA-WC-2

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

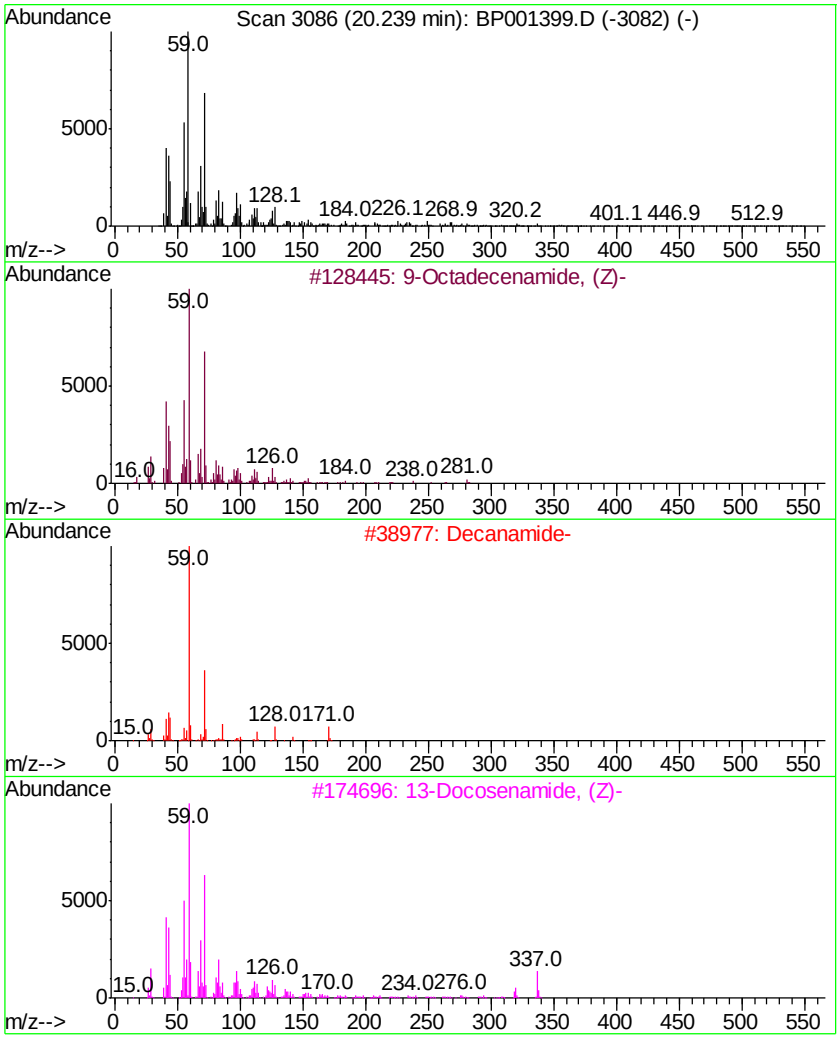
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

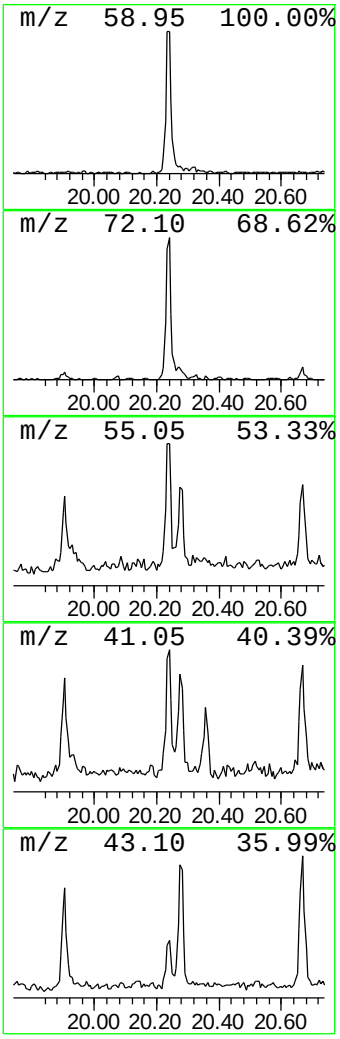
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	2.96 ng	58385	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	86
2	Decanamide-	171	C10H21NO	002319-29-1	72
3	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	70
4	7-Nonenamide	155	C9H17NO	090949-53-4	64
5	Octadecanamide	283	C18H37NO	000124-26-5	53





Library Search Compound Report

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Data File : BP001399.D
Acq On : 24 Dec 2019 21:34
Operator : JU
Sample : K6413-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : K005-AA-WC-2

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

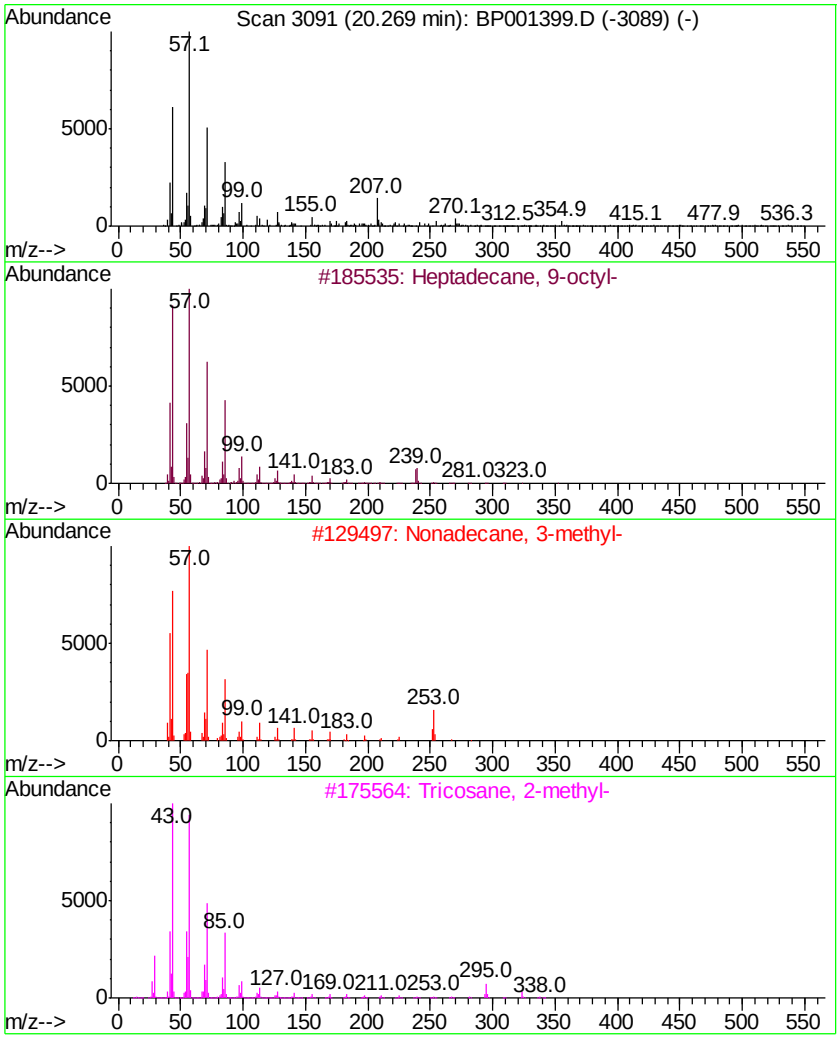
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

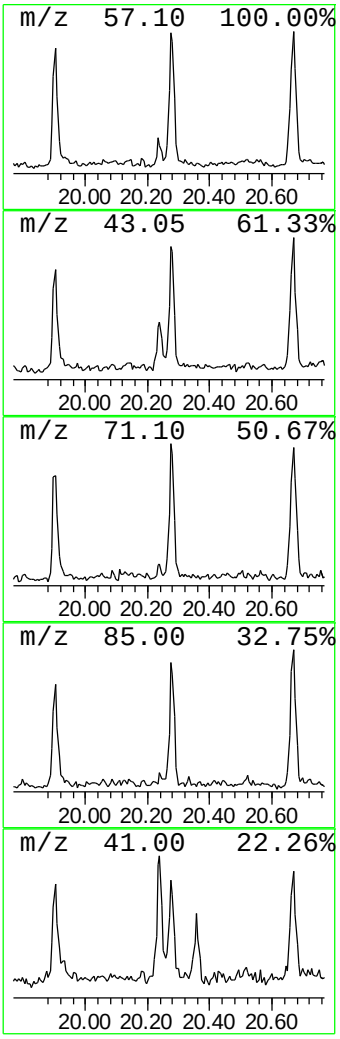
****

Peak Number 8 Heptadecane, 9-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.27	2.81 ng	55424	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
2	Nonadecane, 3-methyl-	282	C20H42	006418-45-7	90
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Heptadecane	240	C17H36	000629-78-7	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001399.D
Acq On : 24 Dec 2019 21:34
Operator : JU
Sample : K6413-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : K005-AA-WC-2

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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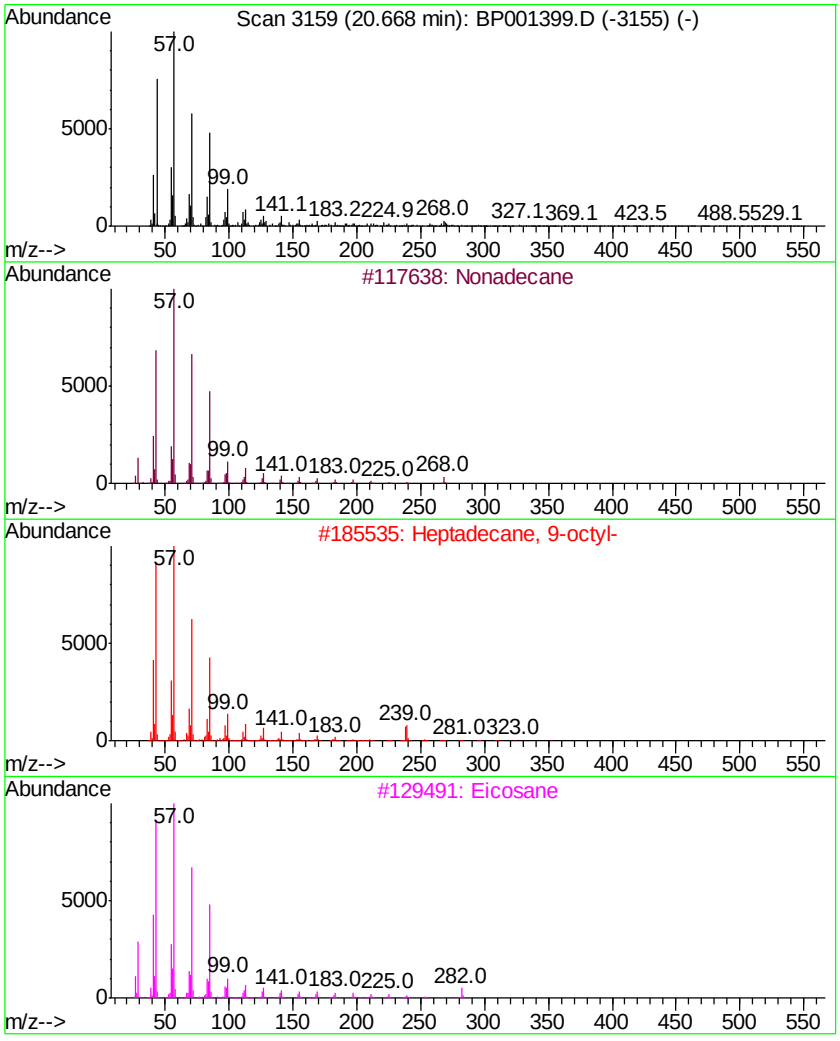
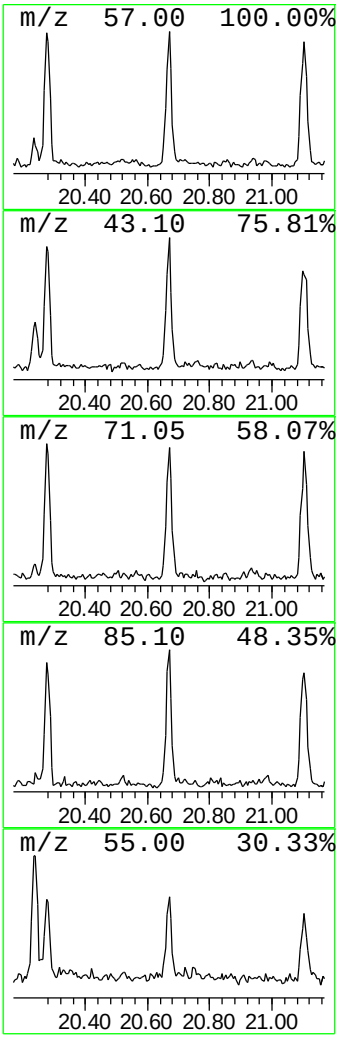
Peak Number 9 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.67	2.71 ng	53442	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	98
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
3	Eicosane	282	C20H42	000112-95-8	94
4	Eicosane, 3-methyl-	296	C21H44	006418-46-8	89
5	Heneicosane	296	C21H44	000629-94-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001399.D
Acq On : 24 Dec 2019 21:34
Operator : JU
Sample : K6413-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : K005-AA-WC-2

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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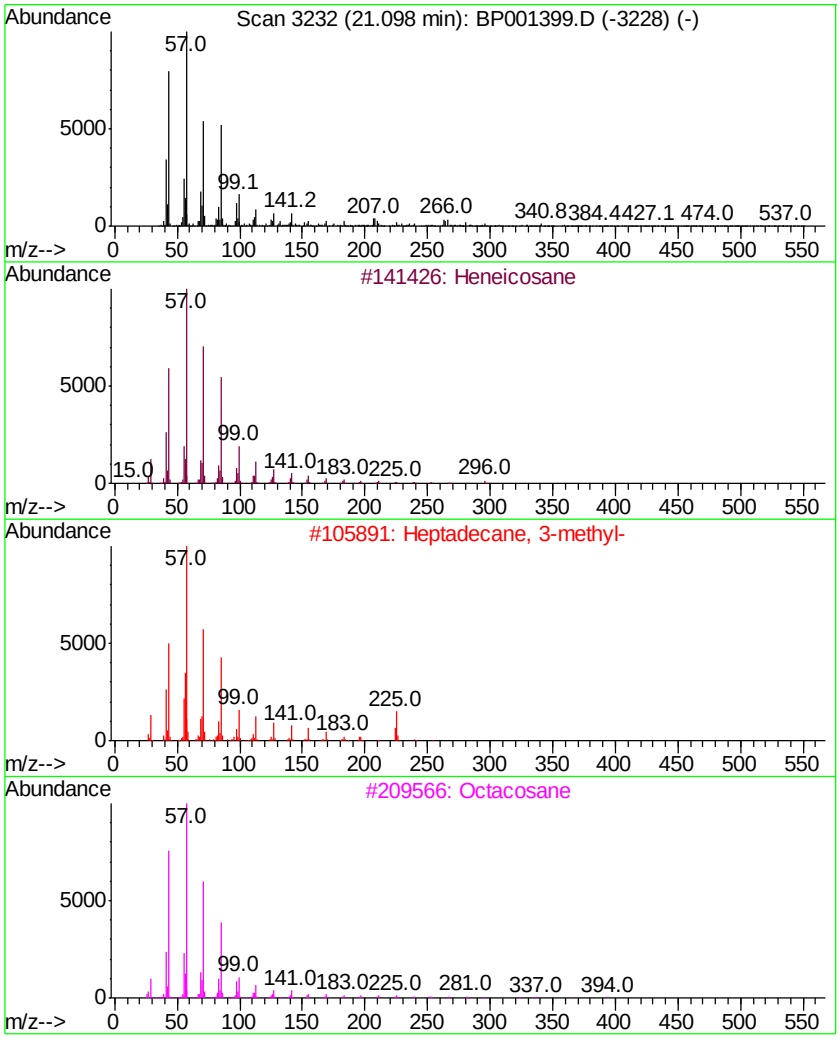
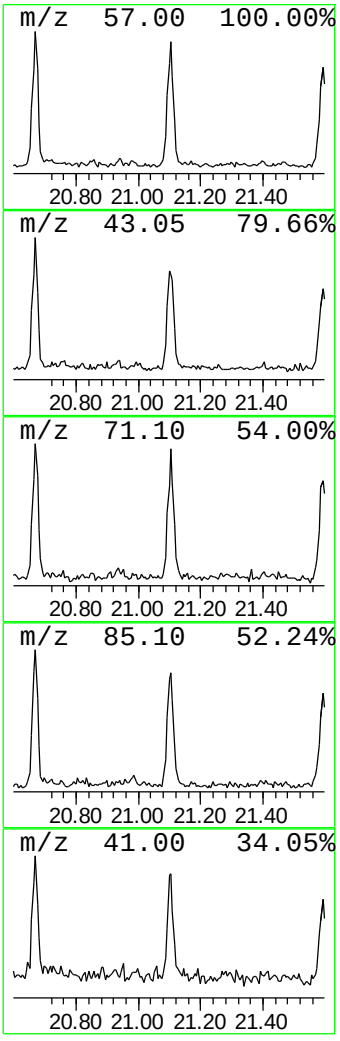
Peak Number 10 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	3.15 ng	62018	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	93
3	Octacosane	394	C28H58	000630-02-4	90
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
5	Octadecane	254	C18H38	000593-45-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001399.D
Acq On : 24 Dec 2019 21:34
Operator : JU
Sample : K6413-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : K005-AA-WC-2

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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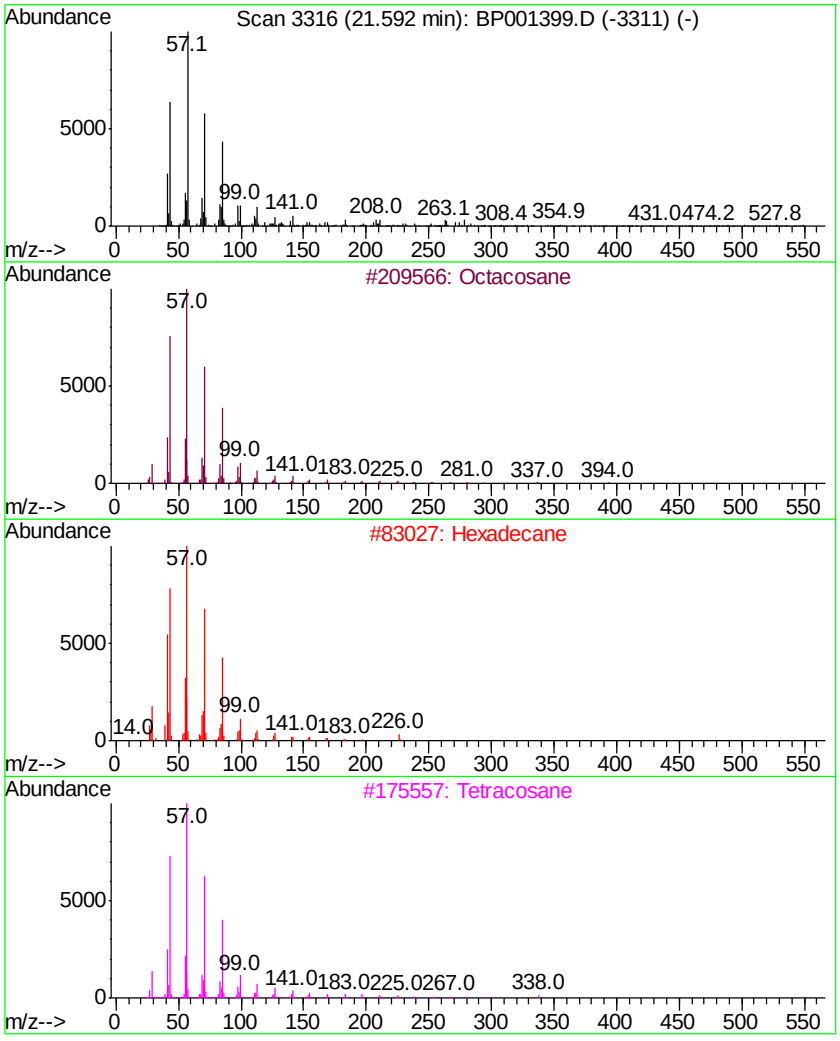
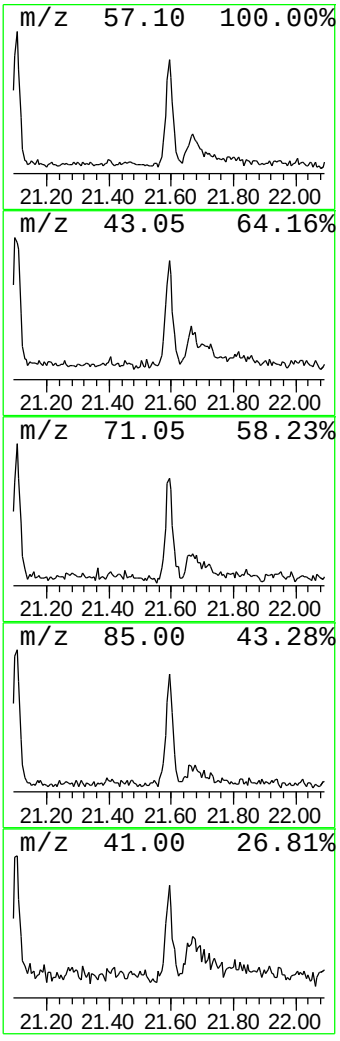
Peak Number 11 Octacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	2.44 ng	48162	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Hexadecane	226	C16H34	000544-76-3	80
3	Tetracosane	338	C24H50	000646-31-1	72
4	Heneicosane	296	C21H44	000629-94-7	72
5	Tetradecane	198	C14H30	000629-59-4	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP122419\
Data File : BP001399.D
Acq On : 24 Dec 2019 21:34
Operator : JU
Sample : K6413-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : K005-AA-WC-2

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...	5.60	12.8	ng	234564	1	8.28	365466	20.0
unknown7.93	7.93	71.1	ng	1298430	1	8.28	365466	20.0
n-Hexadecanoic acid	16.47	5.0	ng	142811	4	15.57	568361	20.0
Octacosyl acetate	19.10	8.6	ng	220921	5	19.22	513265	20.0
Hexadecane	19.90	2.5	ng	63675	5	19.22	513265	20.0
9-Octadecenamide,...	20.24	3.0	ng	58385	6	20.99	394164	20.0
Heptadecane, 9-oc...	20.27	2.8	ng	55424	6	20.99	394164	20.0
Nonadecane	20.67	2.7	ng	53442	6	20.99	394164	20.0
Heneicosane	21.10	3.1	ng	62018	6	20.99	394164	20.0
Octacosane	21.59	2.4	ng	48162	6	20.99	394164	20.0