LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
Data File : BP001225.D
Acq On : 05 Dec 2019 21:56
Operator : JU
Sample : K6120-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TH-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_P\METHODS\8270-BP112719.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	5.628	597	602	613	rVB	283293	434668	16.45%	1.648%
2	6.222	696	703	712	rBV	1725709	2154308	81.54%	8.167%
3	7.764	948	965	978	rBV	1880196	2475959	93.72%	9.386%
4	7.952	991	997	1007	rVB	1866879	2257008	85.43%	8.556%
5	8.311	1053	1058	1074	rBV	495140	585426	22.16%	2.219%
6	8.558	1094	1100	1104	rBV	1418548	1725865	65.33%	6.543%
7	9.193	1201	1208	1212	rBV	1204754	1449766	54.87%	5.496%
8	9.975	1334	1341	1349	rBV3	13646	27044	1.02%	0.103%
9	10.346	1399	1404	1408	rBV	605442	685547	25.95%	2.599%
10	10.975	1507	1511	1520	rBV3	18202	31453	1.19%	0.119%
11	12.128	1697	1707	1711	rBV	2155173	2495177	94.44%	9.459%
12	12.793	1812	1820	1826	rBV	197357	220752	8.36%	0.837%
13	12.975	1842	1851	1863	rBV2	16088	30305	1.15%	0.115%
14	13.210	1885	1891	1896	rBV	656881	801840	30.35%	3.040%
15	14.104	2039	2043	2048	rBV	37893	46142	1.75%	0.175%
16	14.498	2104	2110	2123	rBV	1358728	1819257	68.86%	6.897%
17	15.604	2289	2298	2301	rBV	748039	856282	32.41%	3.246%
18	15.640	2301	2304	2310	rVB	296405	319912	12.11%	1.213%
19	15.716	2314	2317	2320	rBV	50949	51329	1.94%	0.195%
20	16.357	2422	2426	2430	rBV	43649	53946	2.04%	0.205%
21	16.398	2430	2433	2439	rVB	55739	67130	2.54%	0.254%
22	16.492	2446	2449	2456	rBV2	133728	233623	8.84%	0.886%
23	16.545	2456	2458	2463	rVB	31417	37534	1.42%	0.142%
24	16.798	2496	2501	2508	rBV2	27989	53181	2.01%	0.202%
25	17.145	2556	2560	2563	rBV	23999	29596	1.12%	0.112%
26	17.351	2590	2595	2599	rBV	320147	349819	13.24%	1.326%
27	17.657	2642	2647	2652	rVV	288340	338969	12.83%	1.285%
28	17.892	2681	2687	2691	rBV	2289132	2641952	100.00%	10.016%
29	18.110	2721	2724	2731	rVB	51371	57118	2.16%	0.217%
30	18.198	2736	2739	2742	rBV	43449	43986	1.66%	0.167%
31	18.245	2744	2747	2752	rBV3	44591	68688	2.60%	0.260%
32	18.363	2764	2767	2771	rBV	19040	26954	1.02%	0.102%
33	19.128	2893	2897	2910	rBV2	257960	541458	20.49%	2.053%
34	19.245	2912	2917	2921	rVV2	732610	986856	37.35%	3.741%

LSC Area Percent Report

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Data File : BP001225.D
Acq On : 05 Dec 2019 21:56
Operator : JU
Sample : K6120-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TH-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_P\METHODS\8270-BP112719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.281	2921	2923	2927	rVB	135419	121063	4.58%	0.459%
36	19.539	2965	2967	2972	rVB	39391	42624	1.61%	0.162%
37	19.933	3031	3034	3036	rBV2	101150	116840	4.42%	0.443%
38	20.116	3062	3065	3070	rVB	322681	358434	13.57%	1.359%
39	20.304	3095	3097	3100	rVB	60169	59921	2.27%	0.227%
40	20.469	3123	3125	3129	rVB2	48766	49153	1.86%	0.186%
41	20.533	3132	3136	3139	rBV	98448	157427	5.96%	0.597%
42	20.704	3161	3165	3169	rBV	223092	279790	10.59%	1.061%
43	20.875	3192	3194	3201	rVB	74672	99412	3.76%	0.377%
44	20.945	3203	3206	3210	rVB	89664	108008	4.09%	0.409%
45	21.022	3214	3219	3223	rBV	520361	747353	28.29%	2.833%
46	21.639	3320	3324	3332	rVB	142172	239439	9.06%	0.908%

Sum of corrected areas: 26378314

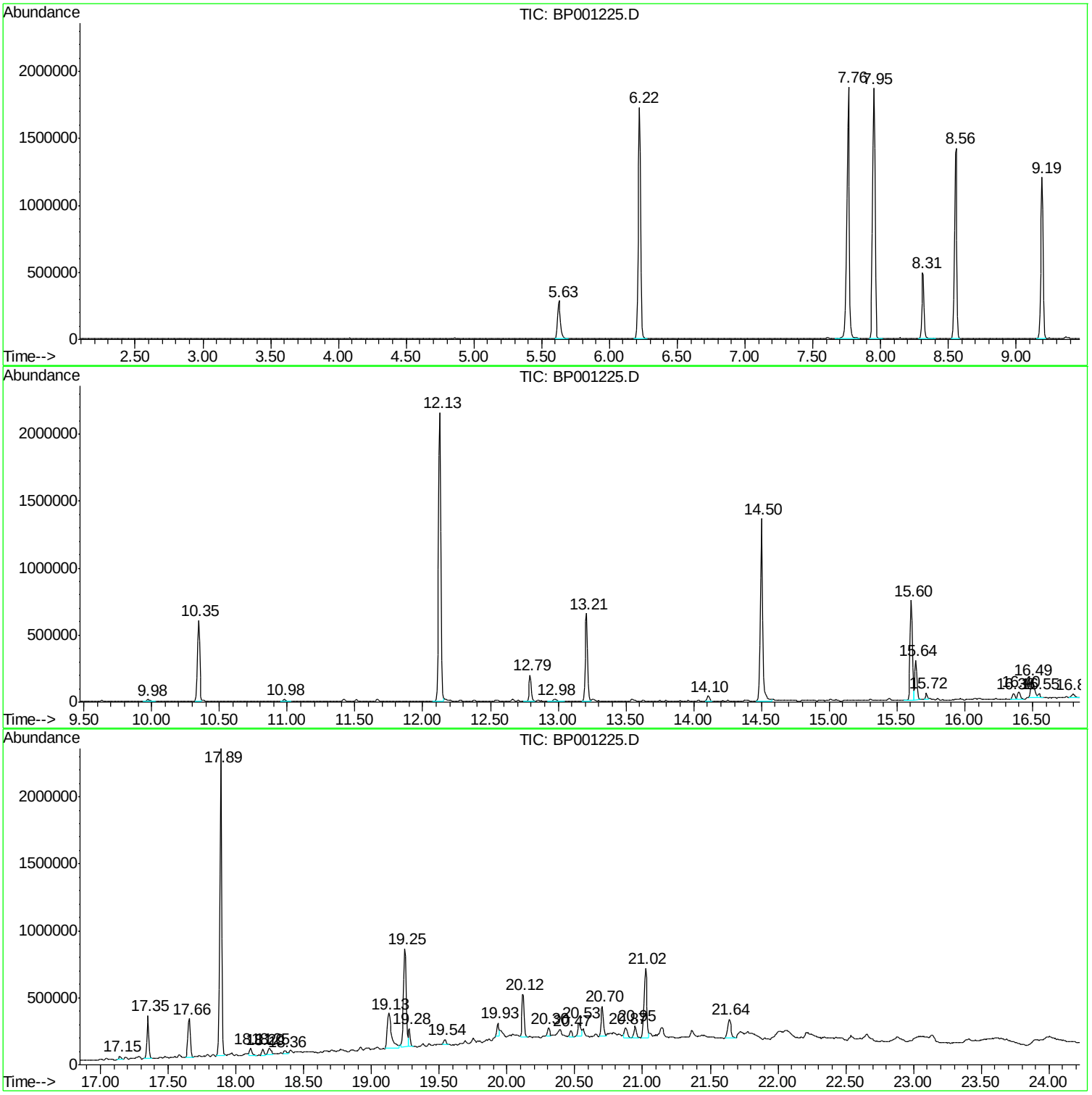
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
Data File : BP001225.D
Acq On : 05 Dec 2019 21:56
Operator : JU
Sample : K6120-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TH-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.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\BP120519\
Data File : BP001225.D
Acq On : 05 Dec 2019 21:56
Operator : JU
Sample : K6120-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TH-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

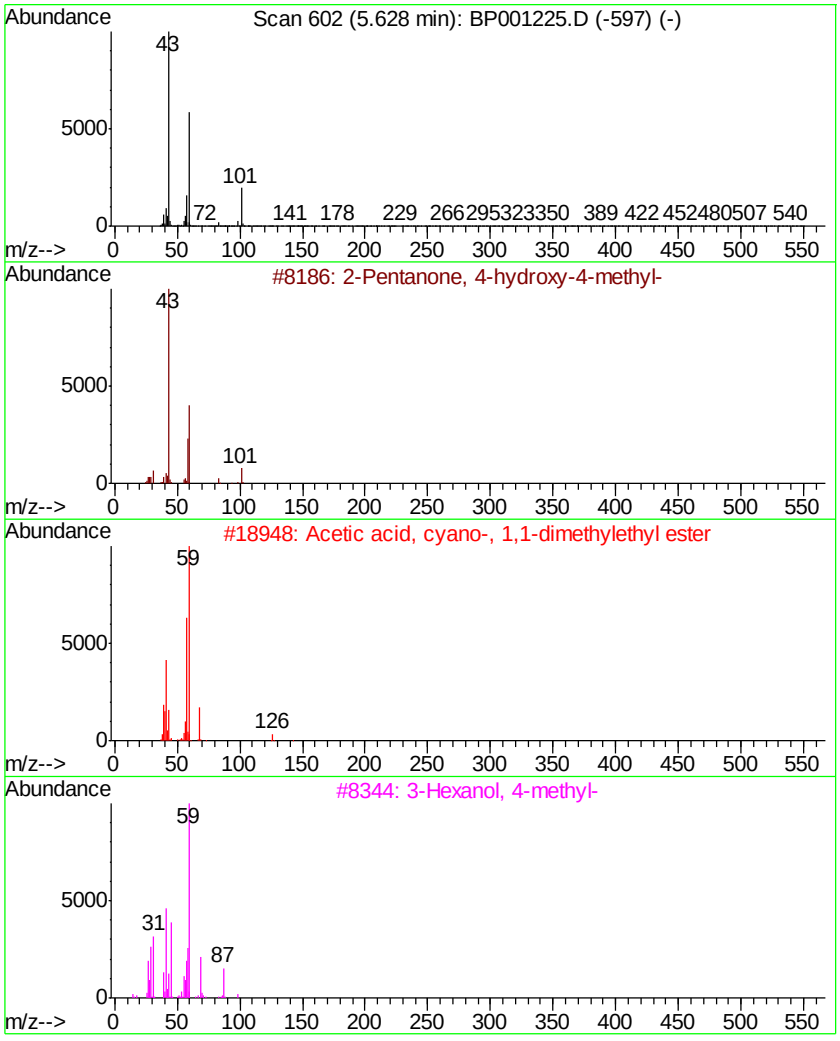
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

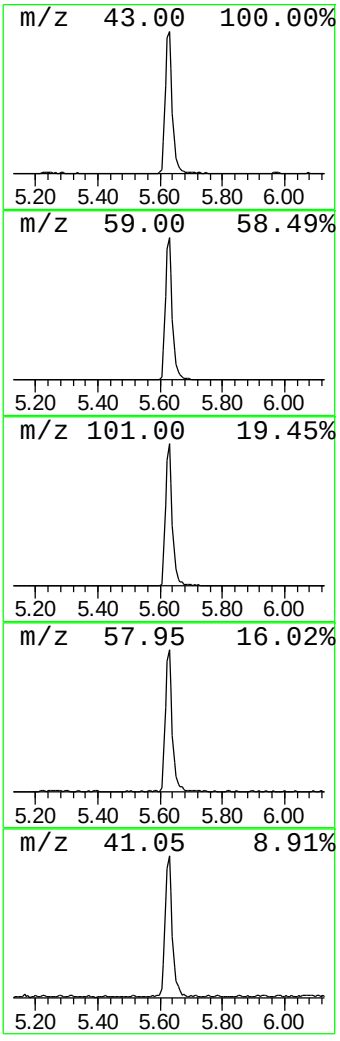
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.63	14.85 ng	434668	1,4-Dichlorobenzene-d4	8.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	Acetone	58	C3H6O	000067-64-1	10





Library Search Compound Report

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Data File : BP001225.D
Acq On : 05 Dec 2019 21:56
Operator : JU
Sample : K6120-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TH-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

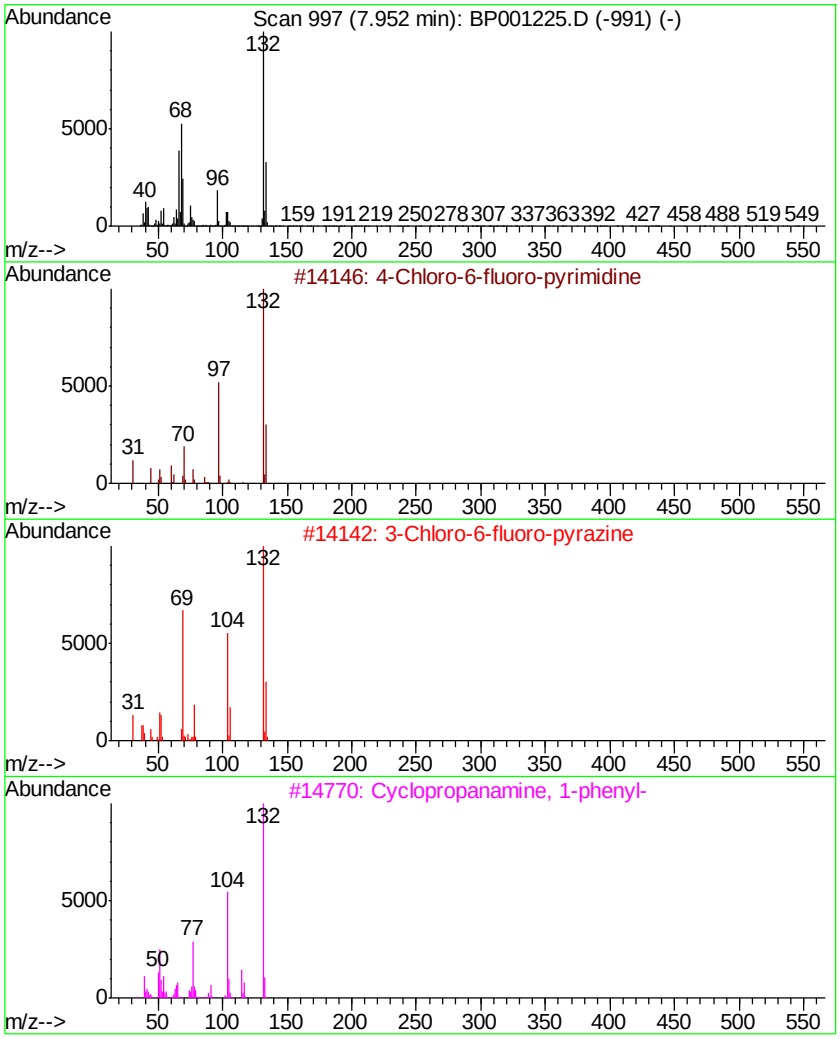
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

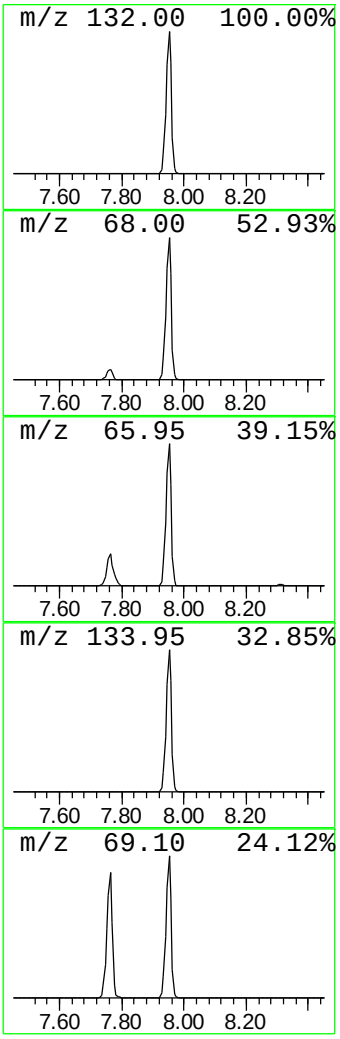
****

Peak Number 2 unknown7.95 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	77.11 ng	2257010	1,4-Dichlorobenzene-d4	8.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10
3	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
Data File : BP001225.D
Acq On : 05 Dec 2019 21:56
Operator : JU
Sample : K6120-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TH-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

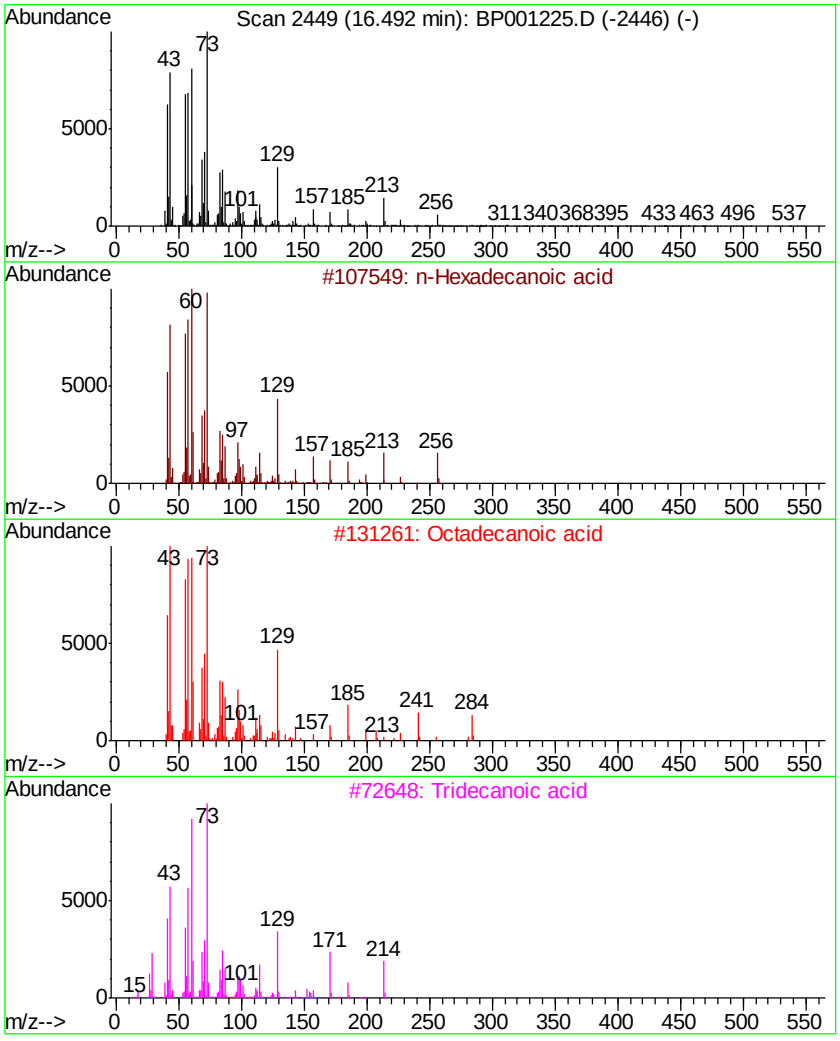
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

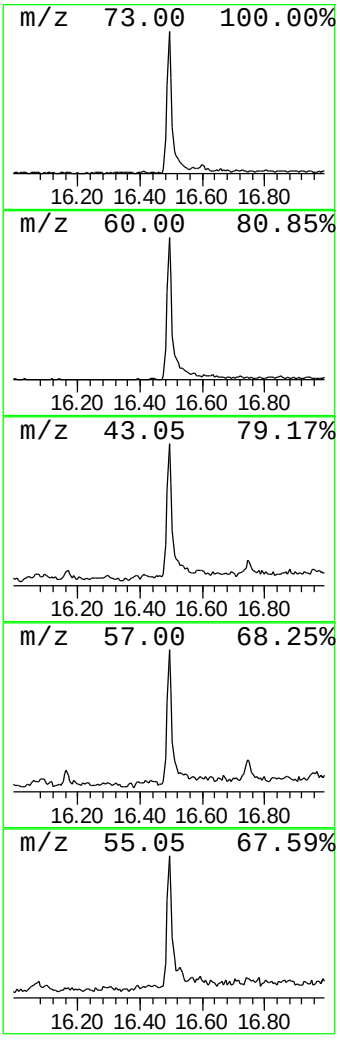
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	5.46 ng	233623	Phenanthrene-d10	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5	Dodecanoic acid	200	C12H24O2	000143-07-7	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
Data File : BP001225.D
Acq On : 05 Dec 2019 21:56
Operator : JU
Sample : K6120-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TH-5

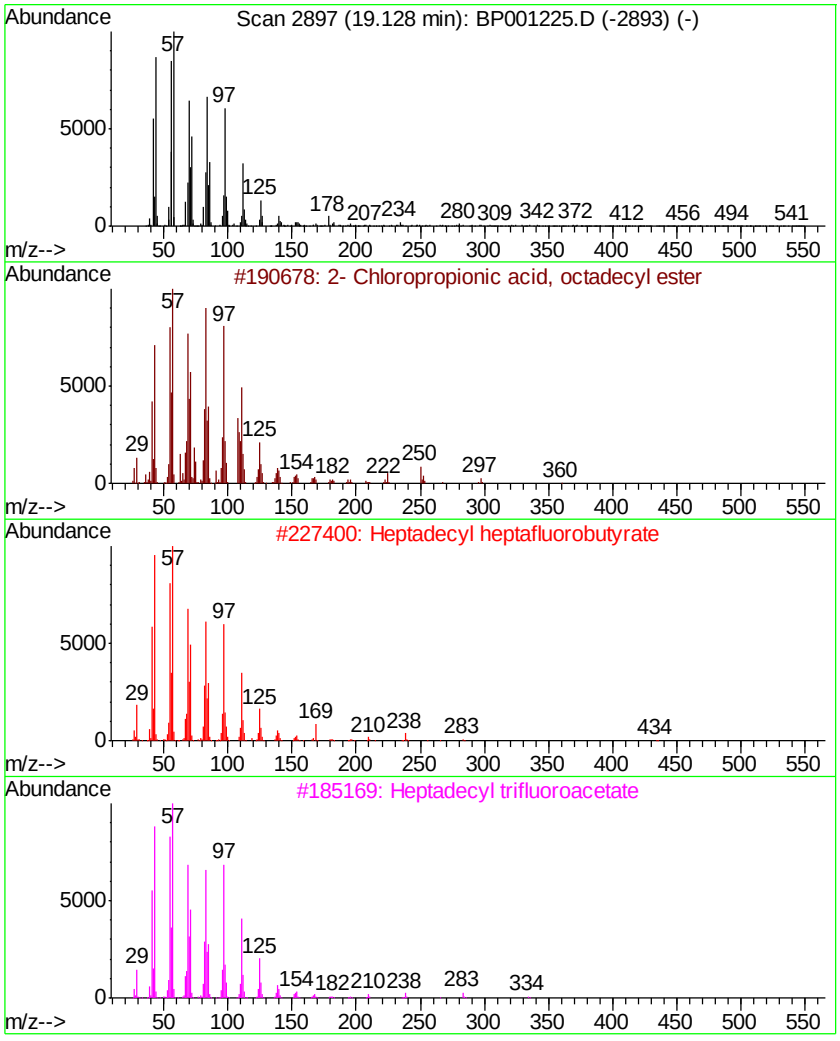
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

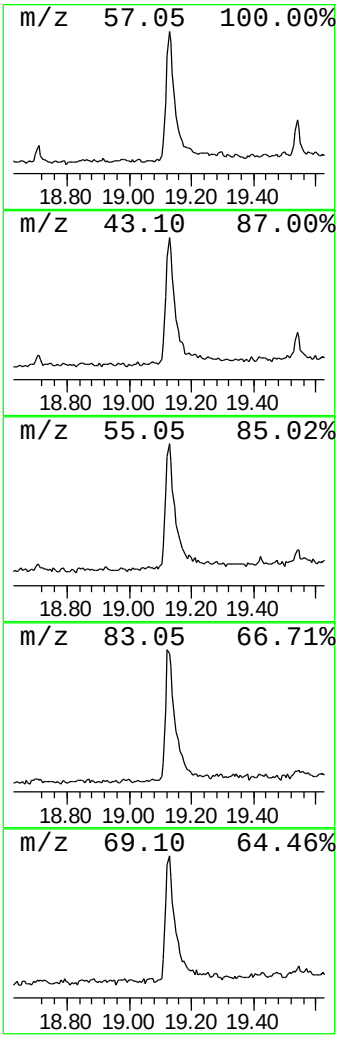
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2- Chloropropionic acid, oc... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	10.97 ng	541458	Chrysene-d12	19.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	95
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94





Library Search Compound Report

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Acq On : 05 Dec 2019 21:56
Operator : JU
Sample : K6120-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TH-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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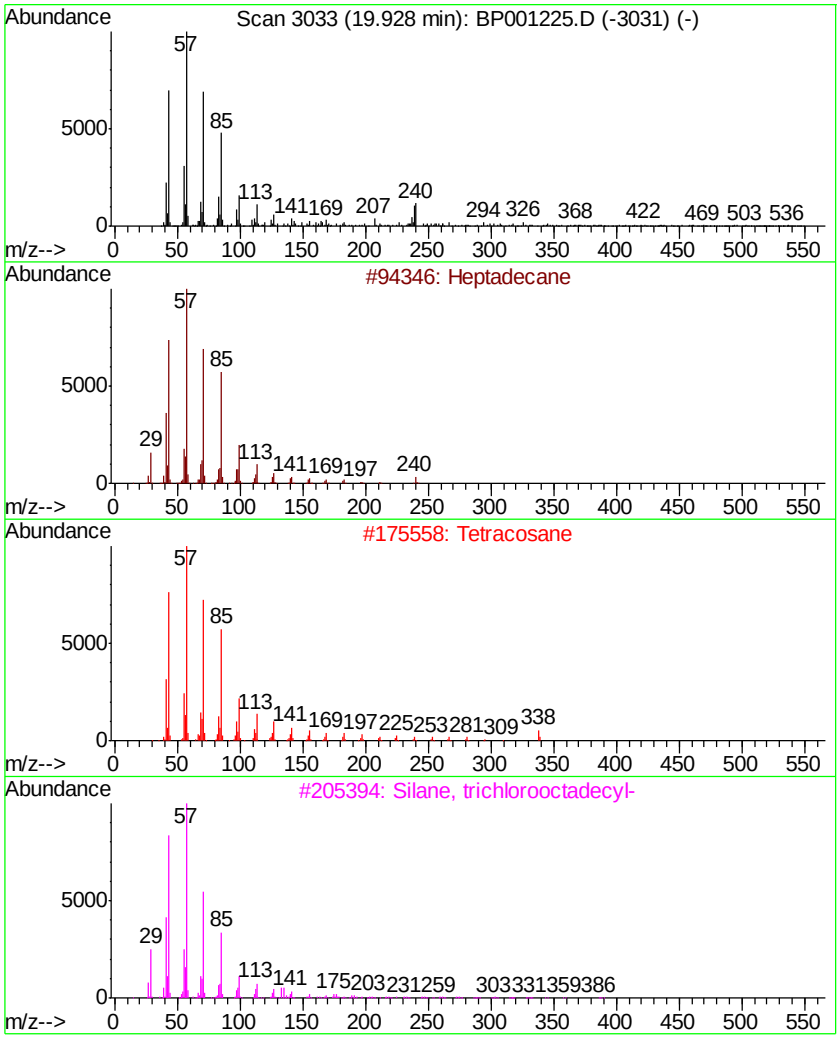
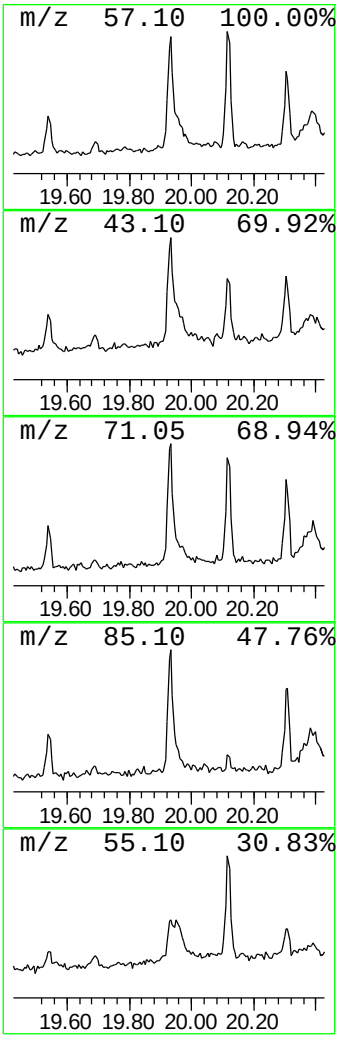
****

Peak Number 6 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	2.37 ng	116840	Chrysene-d12	19.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Tetracosane	338	C24H50	000646-31-1	91
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	87
4	Tritriacontane	465	C33H68	000630-05-7	83
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83





Library Search Compound Report

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Data File : BP001225.D
Acq On : 05 Dec 2019 21:56
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Sample : K6120-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TH-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.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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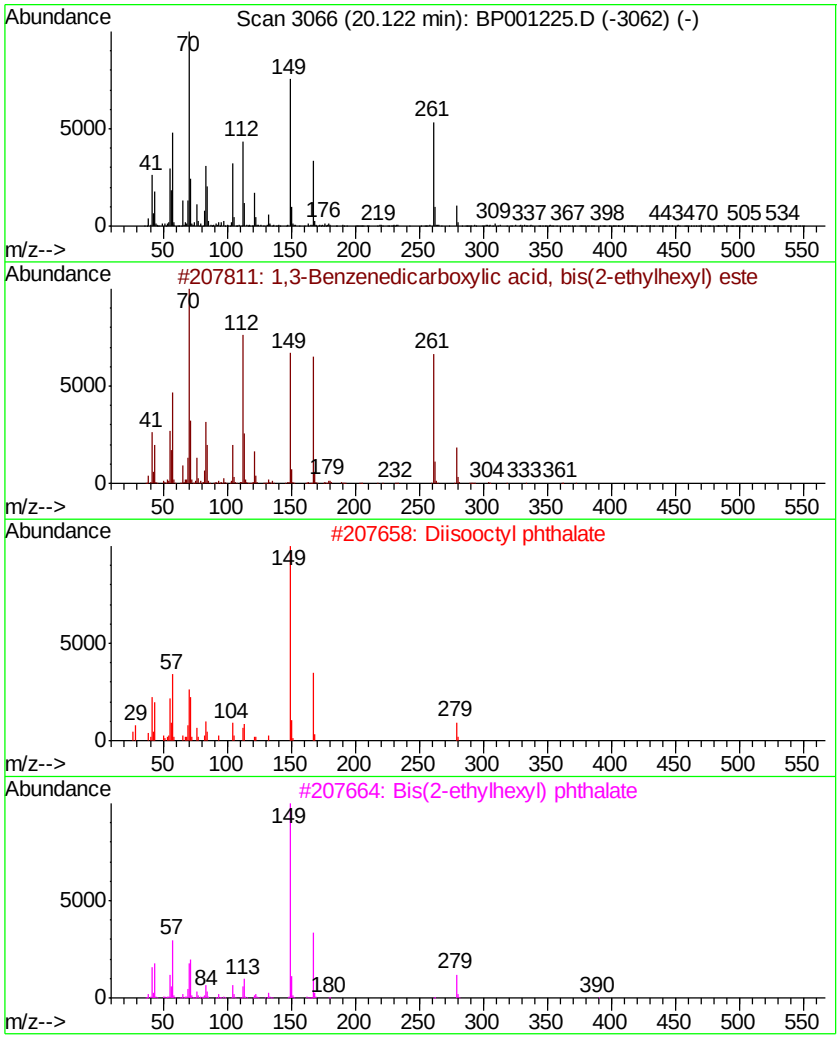
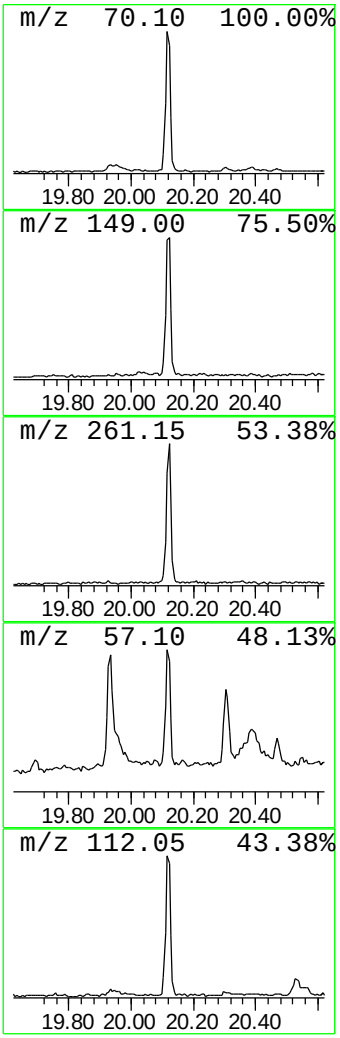
Peak Number 7 1,3-Benzenedicarboxylic aci... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.12	7.26 ng	358434	Chrysene-d12	19.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	52
2	Diisooctyl phthalate	390	C24H38O4	000131-20-4	22
3	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	22
4	9-(2',2'-Dimethylpropanoilhydraz...	576	C30H42Cl2N4O3	1000111-04-6	22
5	Phthalic acid, 6-ethyloct-3-yl 2...	418	C26H42O4	1000315-53-8	14





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Instrument : BNA_P
ClientSampleId : TH-5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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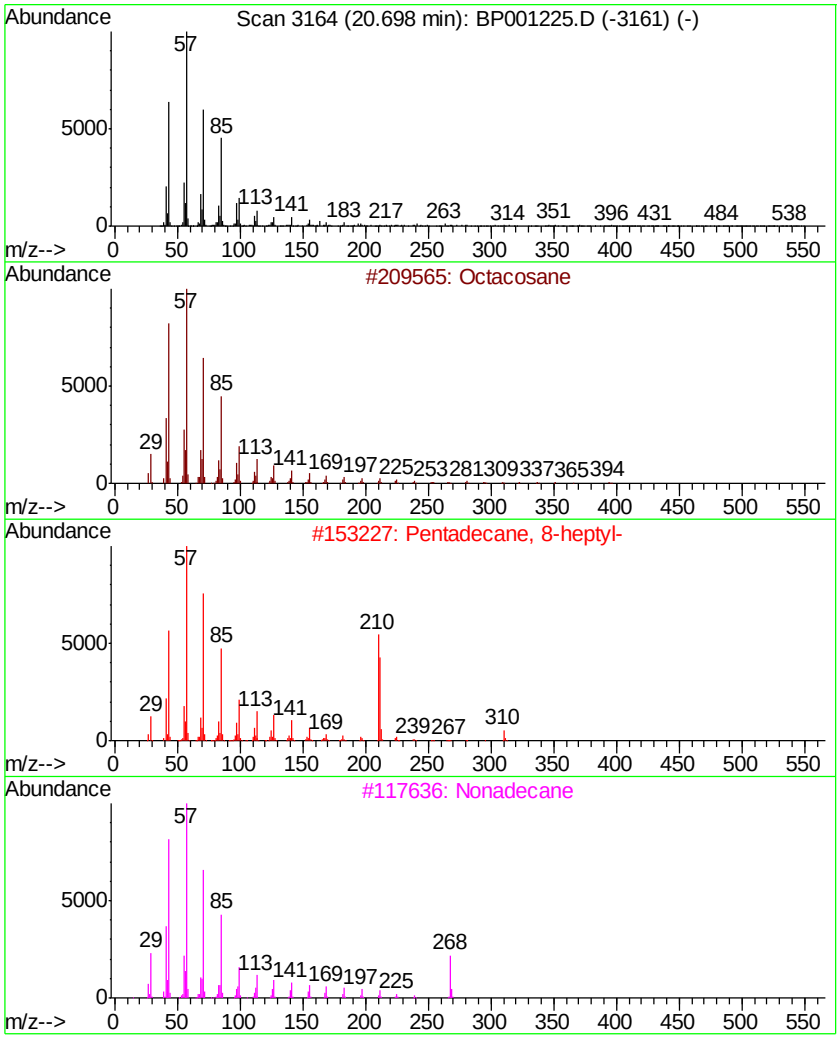
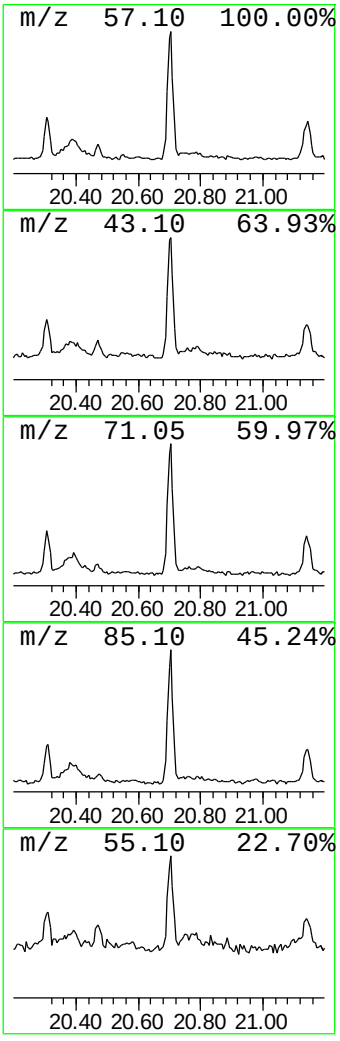
Peak Number 8 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.70	7.49 ng	279790	Perylene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	96
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	93
3	Nonadecane	268	C19H40	000629-92-5	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





Library Search Compound Report

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Data File : BP001225.D
Acq On : 05 Dec 2019 21:56
Operator : JU
Sample : K6120-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TH-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.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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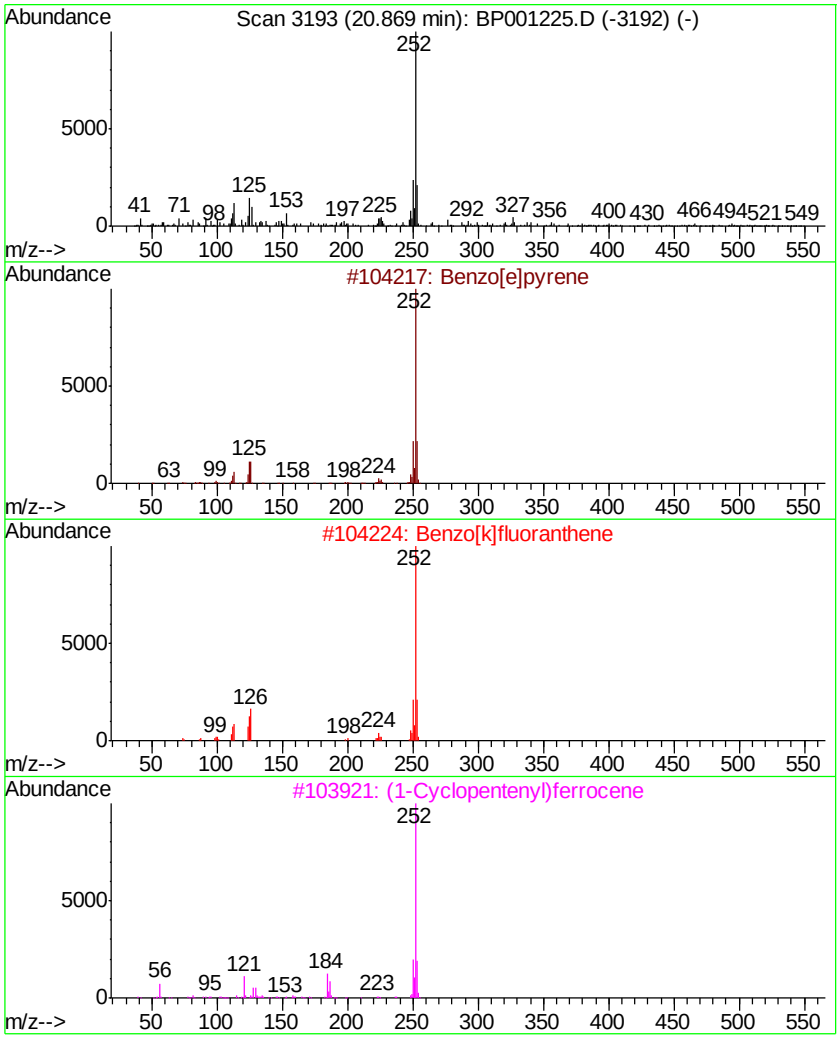
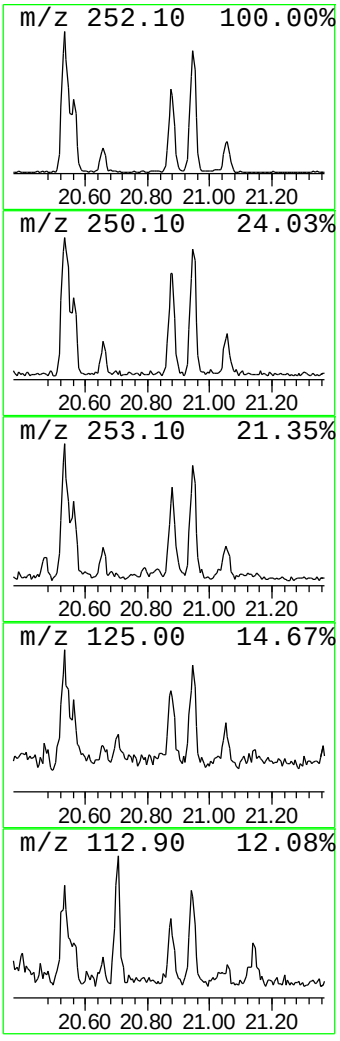
Peak Number 9 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	2.66 ng	99412	Perylene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
3	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	78
4	Perylene	252	C20H12	000198-55-0	76
5	Benzo[a]pyrene	252	C20H12	000050-32-8	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
Data File : BP001225.D
Acq On : 05 Dec 2019 21:56
Operator : JU
Sample : K6120-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TH-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

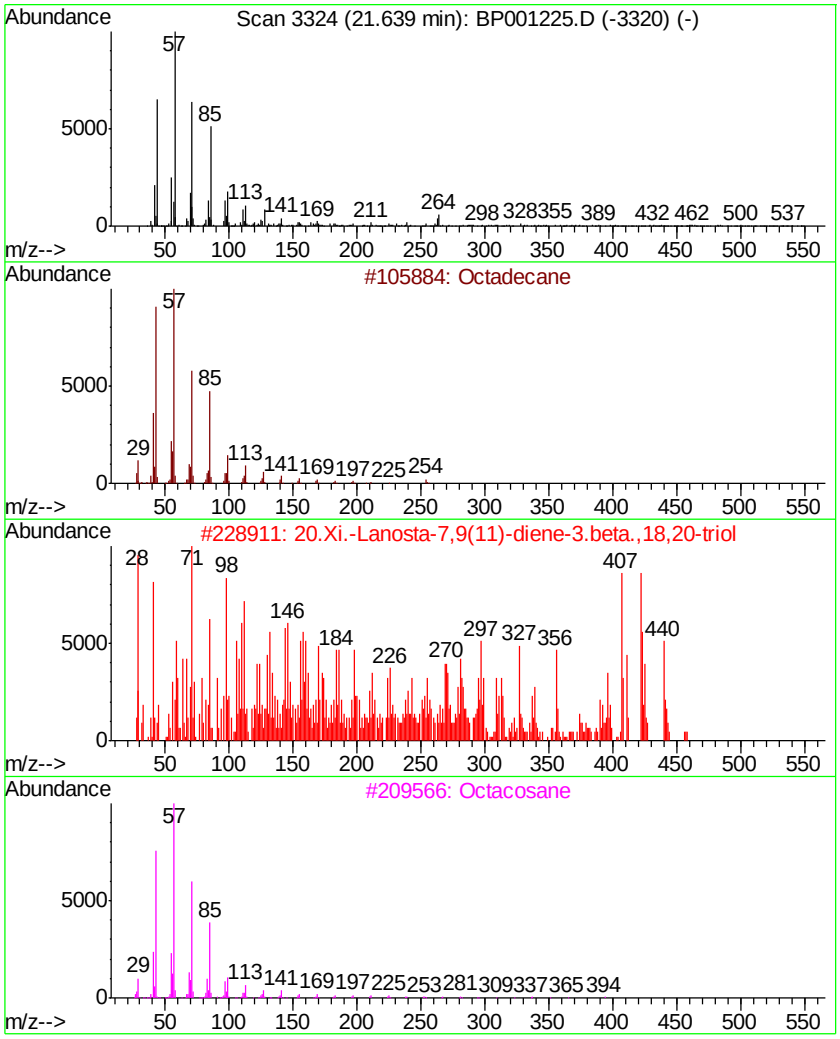
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

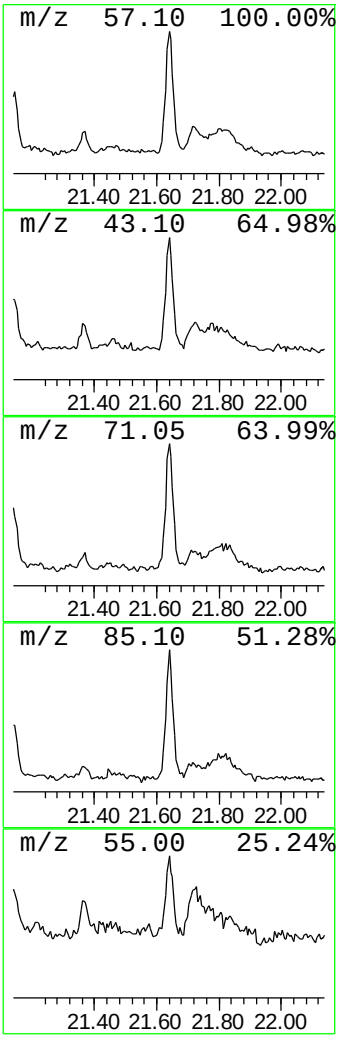
****

Peak Number 10 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.64	6.41 ng	239439	Perylene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	20.Xi.-Lanosta-7,9(11)-diene-3.b...	458	C30H50O3	025116-58-9	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	90
5	Hexacosane	366	C26H54	000630-01-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP120519\
Data File : BP001225.D
Acq On : 05 Dec 2019 21:56
Operator : JU
Sample : K6120-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TH-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.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...	5.63	14.9	ng	434668	1	8.32	585426	20.0
unknown7.95	7.95	77.1	ng	2257010	1	8.32	585426	20.0
n-Hexadecanoic acid	16.49	5.5	ng	233623	4	15.60	856282	20.0
2- Chloropropioni...	19.13	11.0	ng	541458	5	19.25	986856	20.0
Heptadecane	19.93	2.4	ng	116840	5	19.25	986856	20.0
1,3-Benzenedicarb...	20.12	7.3	ng	358434	5	19.25	986856	20.0
Octacosane	20.70	7.5	ng	279790	6	21.02	747353	20.0
Benzo[e]pyrene	20.87	2.7	ng	99412	6	21.02	747353	20.0
Octadecane	21.64	6.4	ng	239439	6	21.02	747353	20.0