LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001401.D
Acq On : 24 Dec 2019 22:34
Operator : JU
Sample : K6396-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-1-(0-2)

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	143032	240730	14.72%	1.523%
2	6.205	694	700	714	rBV	942079	1218008	74.48%	7.706%
3	7.752	956	963	973	rBV	1034313	1396141	85.37%	8.833%
4	7.928	986	993	997	rBV	1152783	1381064	84.45%	8.737%
5	8.281	1048	1053	1062	rVB	294719	339598	20.76%	2.148%
6	8.528	1089	1095	1099	rBV	899417	1062994	65.00%	6.725%
7	9.169	1196	1204	1208	rBV	697975	881280	53.89%	5.575%
8	10.322	1391	1400	1404	rBV	332376	427493	26.14%	2.704%
9	12.099	1695	1702	1706	rBV	1380273	1635453	100.00%	10.347%
10	12.763	1807	1815	1820	rBV	54840	65243	3.99%	0.413%
11	12.946	1841	1846	1854	rBV	18563	25024	1.53%	0.158%
12	13.181	1878	1886	1891	rBV	424830	505927	30.93%	3.201%
13	14.081	2034	2039	2047	rVB	13501	17546	1.07%	0.111%
14	14.475	2097	2106	2117	rBV	848544	1062297	64.95%	6.721%
15	15.281	2238	2243	2252	rVB2	9574	20375	1.25%	0.129%
16	15.375	2255	2259	2263	rBV4	10263	17320	1.06%	0.110%
17	15.581	2289	2294	2297	rBV	414540	472198	28.87%	2.987%
18	15.616	2297	2300	2305	rVB	186720	200233	12.24%	1.267%
19	15.693	2305	2313	2316	rBV	42988	55019	3.36%	0.348%
20	16.334	2419	2422	2426	rBV	30030	32681	2.00%	0.207%
21	16.375	2426	2429	2434	rVB	41665	49757	3.04%	0.315%
22	16.440	2437	2440	2442	rBV	18555	22115	1.35%	0.140%
23	16.469	2442	2445	2452	rVV3	74584	164486	10.06%	1.041%
24	16.522	2452	2454	2462	rVB2	25741	36622	2.24%	0.232%
25	16.769	2493	2496	2503	rVB2	27556	44812	2.74%	0.283%
26	17.122	2552	2556	2560	rBV2	20762	27962	1.71%	0.177%
27	17.328	2586	2591	2595	rBV	354714	371081	22.69%	2.348%
28	17.457	2610	2613	2617	rVB	19311	21647	1.32%	0.137%
29	17.528	2621	2625	2627	rBV3	17967	27556	1.68%	0.174%
30	17.557	2628	2630	2635	rVV5	21397	25004	1.53%	0.158%
31	17.634	2638	2643	2647	rVB2	314103	388319	23.74%	2.457%
32	17.804	2670	2672	2676	rVB	20550	20737	1.27%	0.131%
33	17.869	2677	2683	2687	rVB	1262643	1328217	81.21%	8.403%
34	18.175	2733	2735	2738	rBV2	21397	22460	1.37%	0.142%

LSC Area Percent Report

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Acq On : 24 Dec 2019 22:34
Operator : JU
Sample : K6396-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-1-(0-2)

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	18.222	2740	2743	2749	rVB4	56559	83604	5.11%	0.529%
36	18.339	2761	2763	2767	rVB2	24648	24789	1.52%	0.157%
37	18.681	2819	2821	2824	rBV3	23837	24433	1.49%	0.155%
38	19.104	2889	2893	2904	rBV2	121519	206797	12.64%	1.308%
39	19.228	2908	2914	2917	rBV2	351314	583581	35.68%	3.692%
40	19.257	2917	2919	2923	rVB	151038	136823	8.37%	0.866%
41	19.516	2960	2963	2967	rVB2	73000	78760	4.82%	0.498%
42	19.904	3026	3029	3032	rBV	74192	73077	4.47%	0.462%
43	20.280	3090	3093	3097	rVB2	87261	93805	5.74%	0.593%
44	20.510	3128	3132	3135	rBV	148621	229842	14.05%	1.454%
45	20.675	3156	3160	3165	rVB	107179	148606	9.09%	0.940%
46	20.922	3198	3202	3206	rVB	133413	177900	10.88%	1.125%
47	20.992	3210	3214	3218	rBV	247332	337375	20.63%	2.134%

Sum of corrected areas: 15806791

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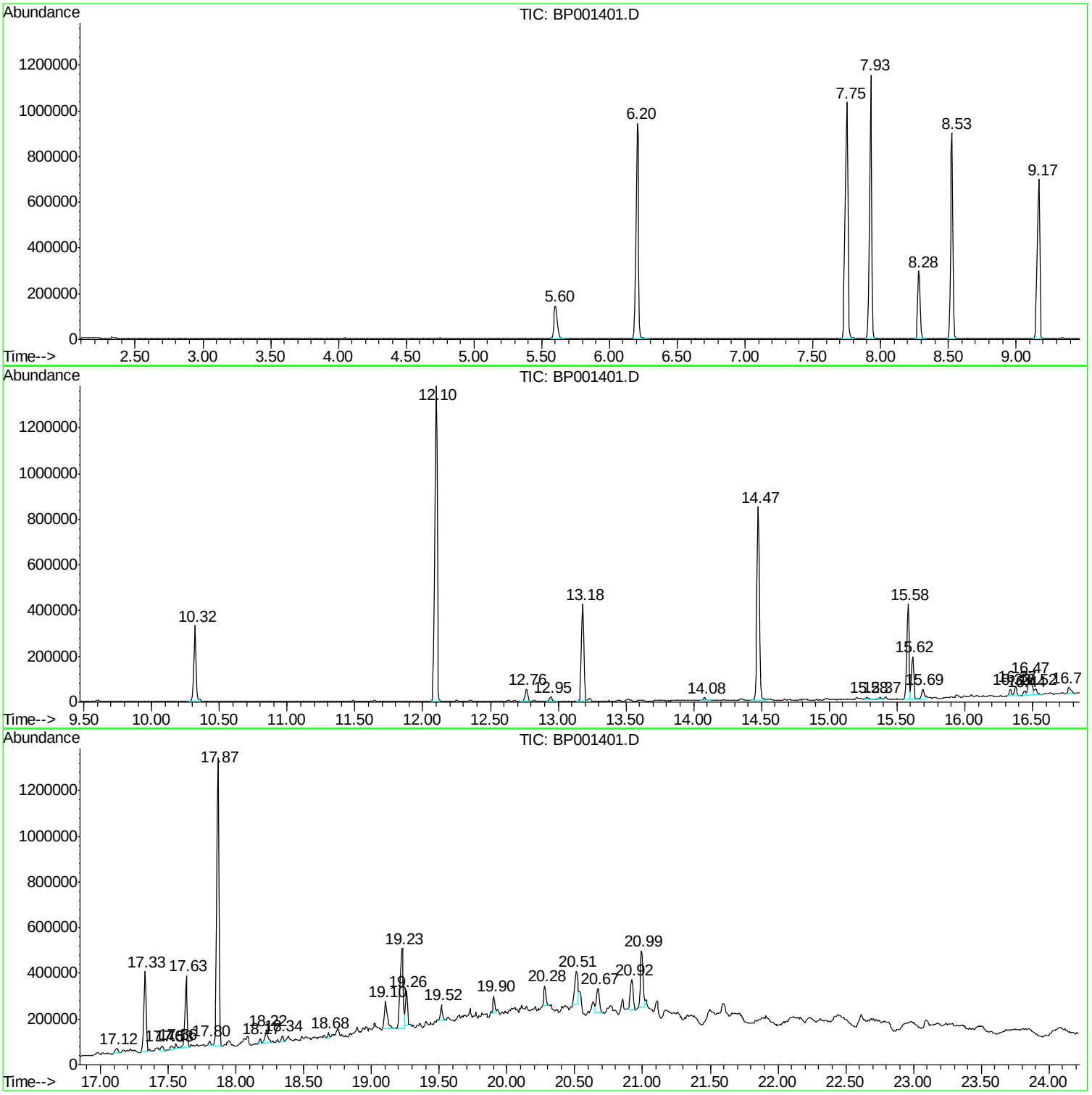
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1-(0-2)

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 : BP001401.D
Acq On : 24 Dec 2019 22:34
Operator : JU
Sample : K6396-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1-(0-2)

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

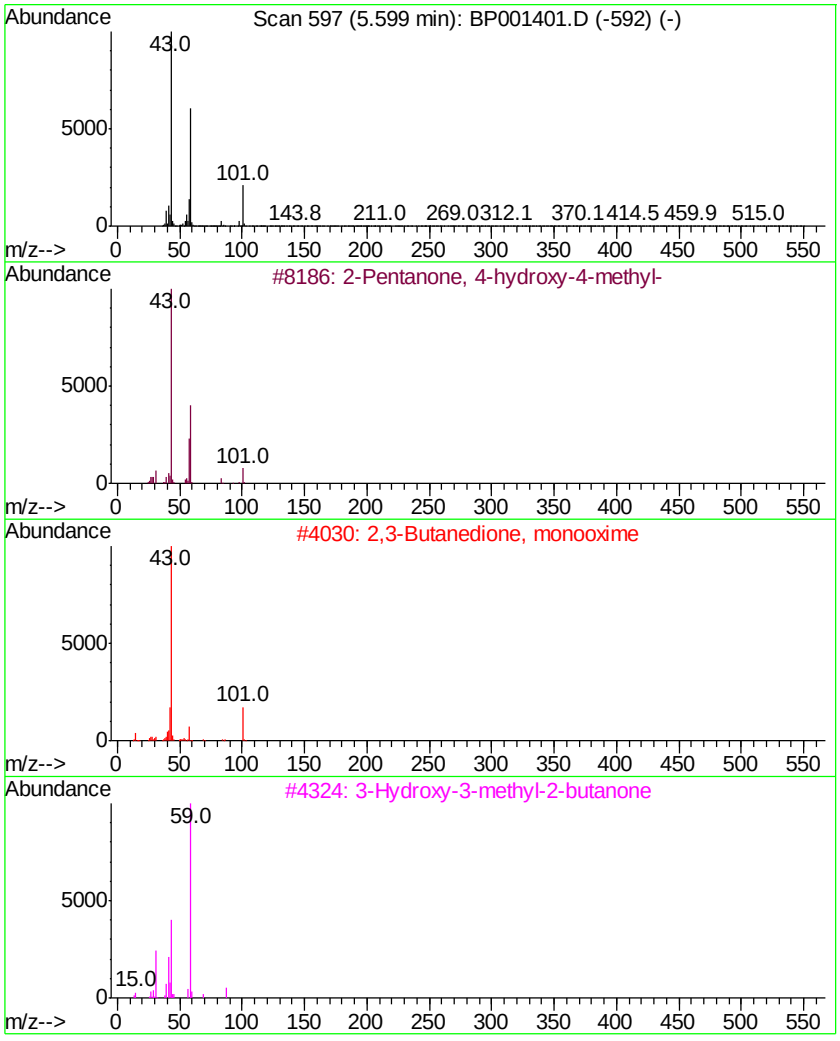
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

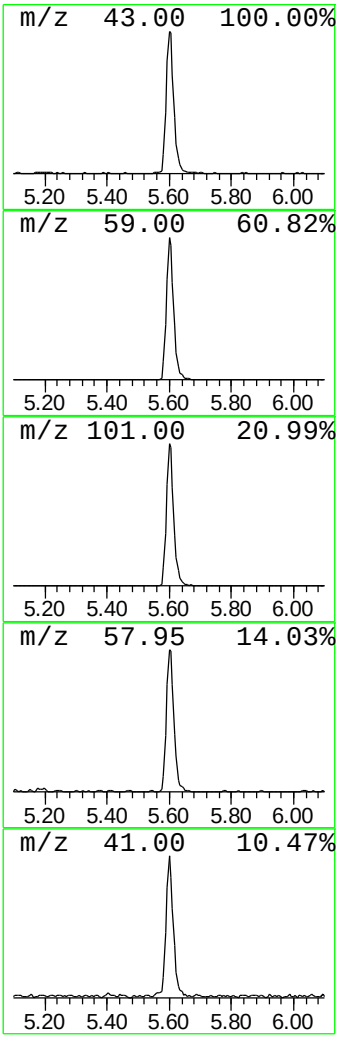
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	14.18 ng	240730	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	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

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Data File : BP001401.D
Acq On : 24 Dec 2019 22:34
Operator : JU
Sample : K6396-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-1-(0-2)

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

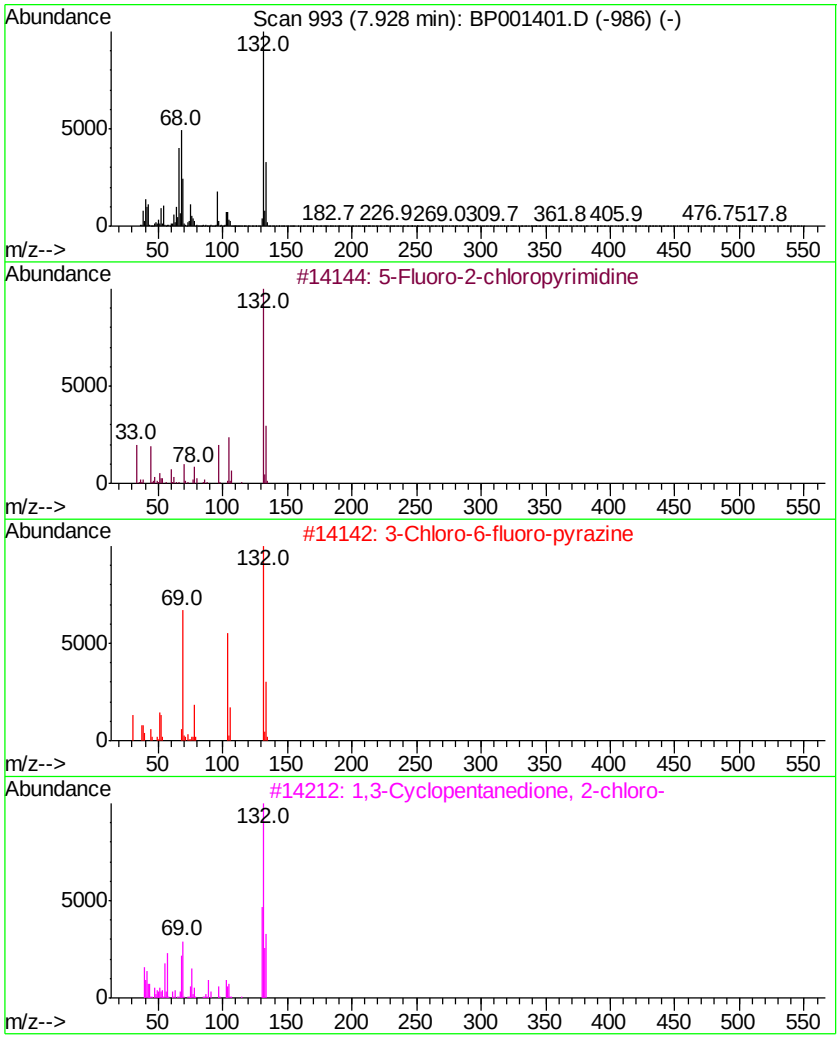
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

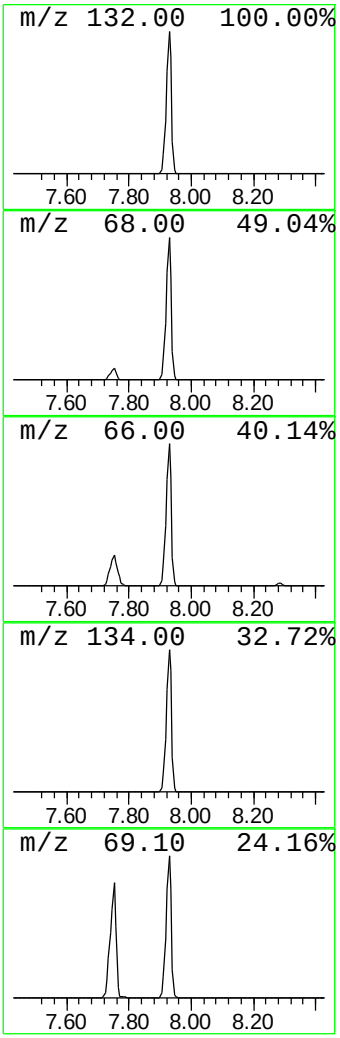
****

Peak Number 2 unknown7.93 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	81.34 ng	1381060	1,4-Dichlorobenzene-d4	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	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	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\BP122419\
Data File : BP001401.D
Acq On : 24 Dec 2019 22:34
Operator : JU
Sample : K6396-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-1-(0-2)

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

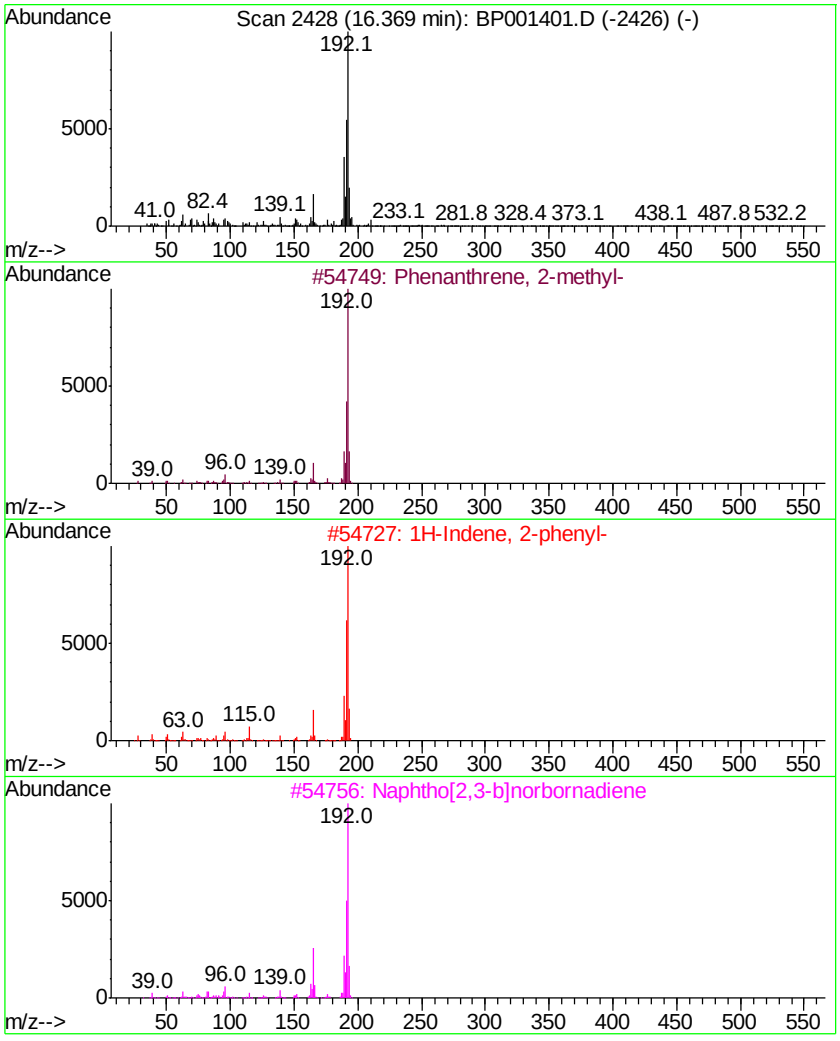
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

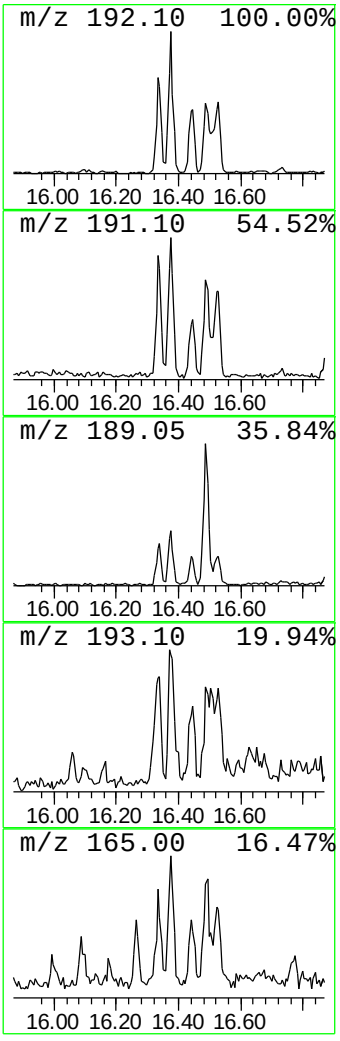
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	2.11 ng	49757	Phenanthrene-d10	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
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Operator : JU
Sample : K6396-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-1-(0-2)

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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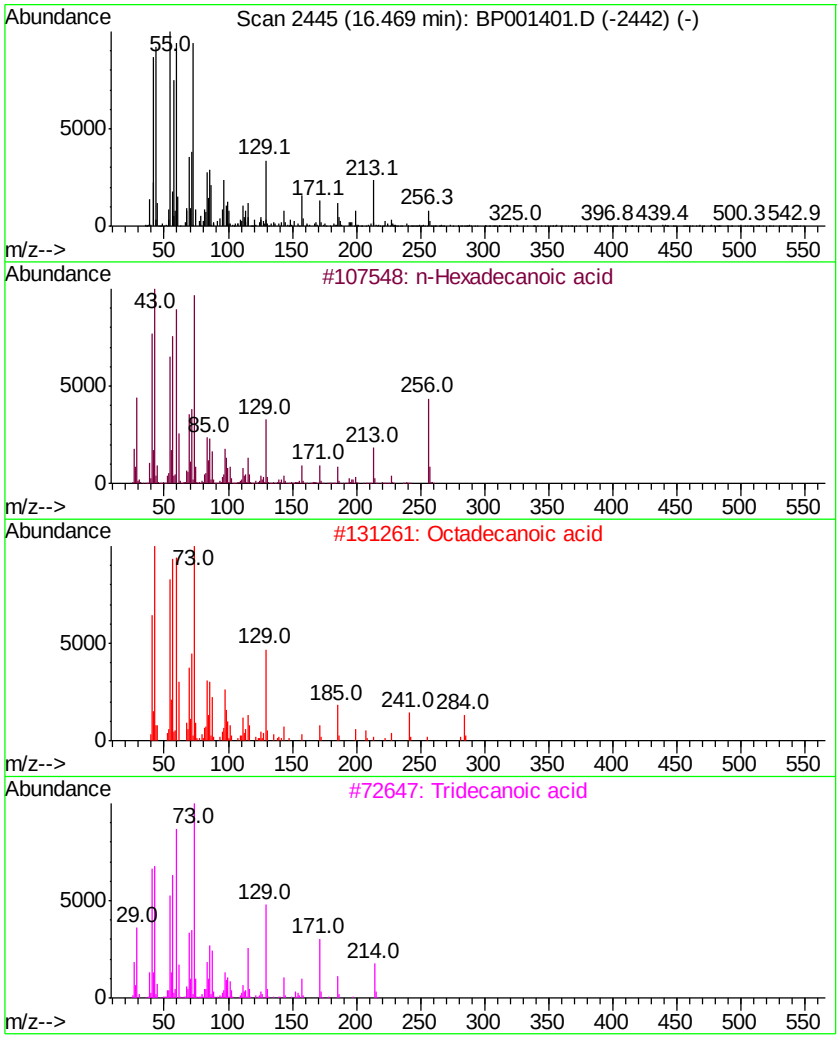
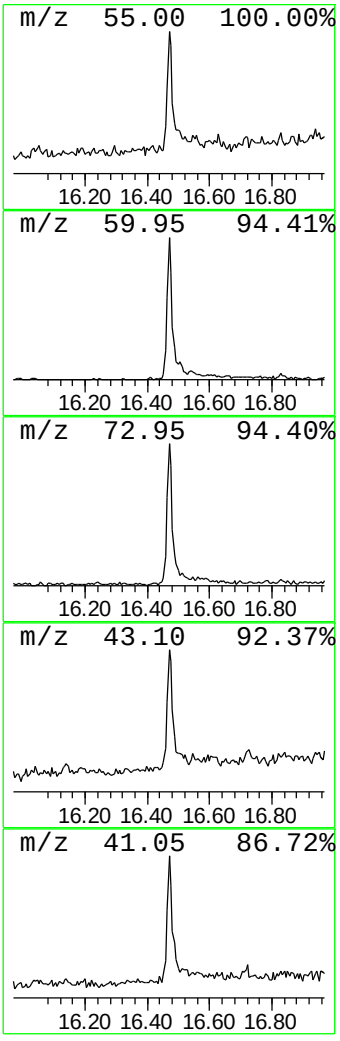
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	6.97 ng	164486	Phenanthrene-d10	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Octadecanoic acid	284	C18H36O2	000057-11-4	80
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Undecanoic acid	186	C11H22O2	000112-37-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Library Search Compound Report

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Data File : BP001401.D
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Operator : JU
Sample : K6396-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-1-(0-2)

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

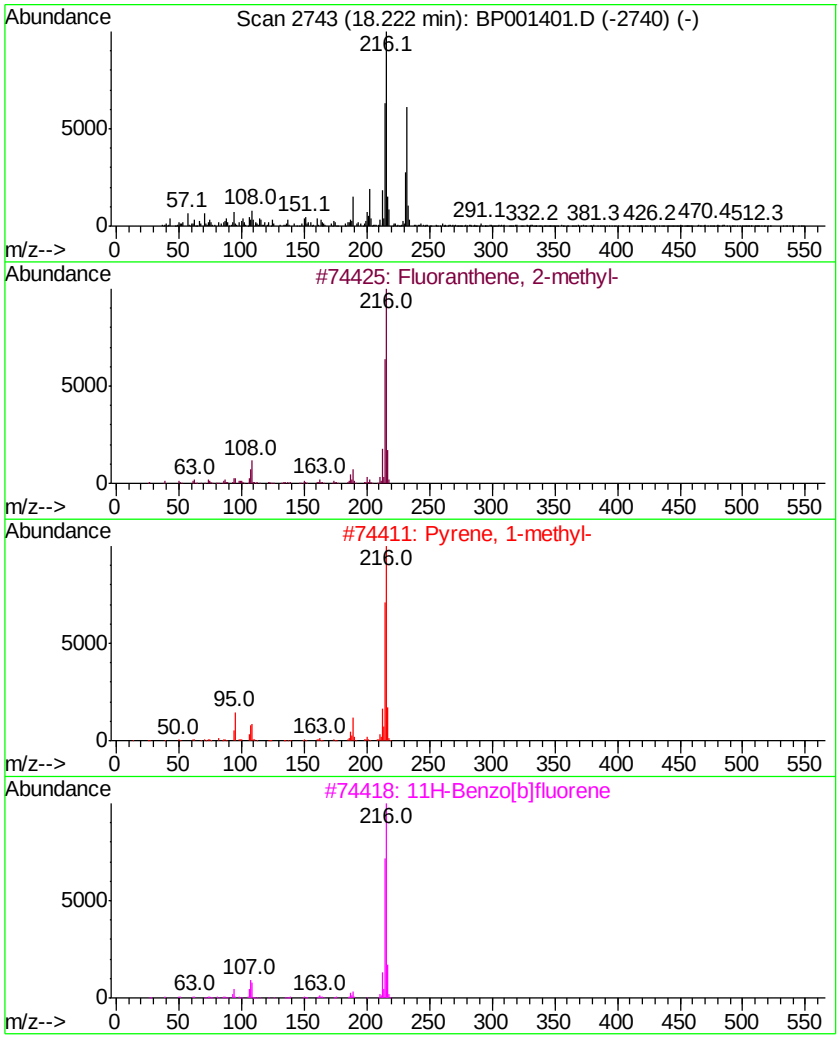
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

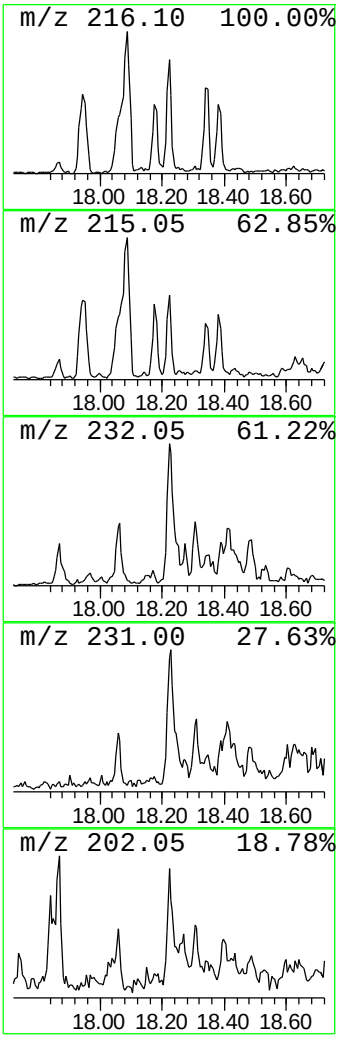
****

Peak Number 7 Fluoranthene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	2.87 ng	83604	Chrysene-d12	19.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	78
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58
5	Allopregnane-3.alpha.,20.alpha.-...	320	C21H36O2	000566-58-5	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001401.D
Acq On : 24 Dec 2019 22:34
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Sample : K6396-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-1-(0-2)

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
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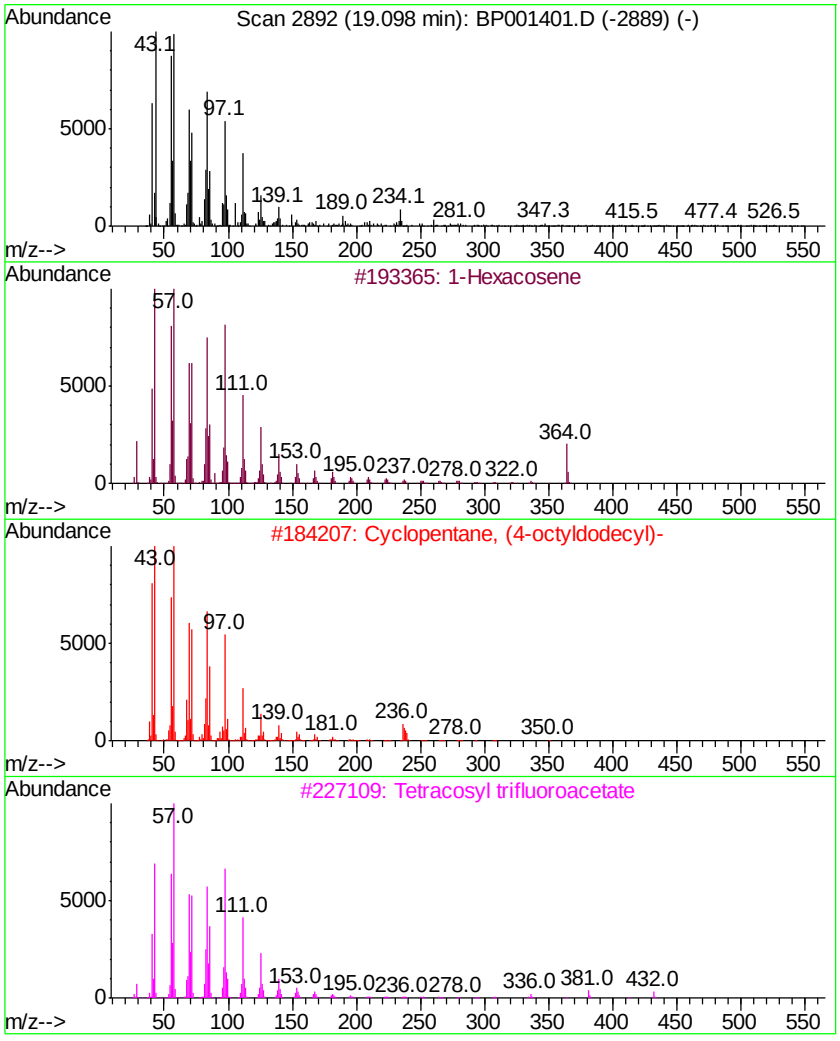
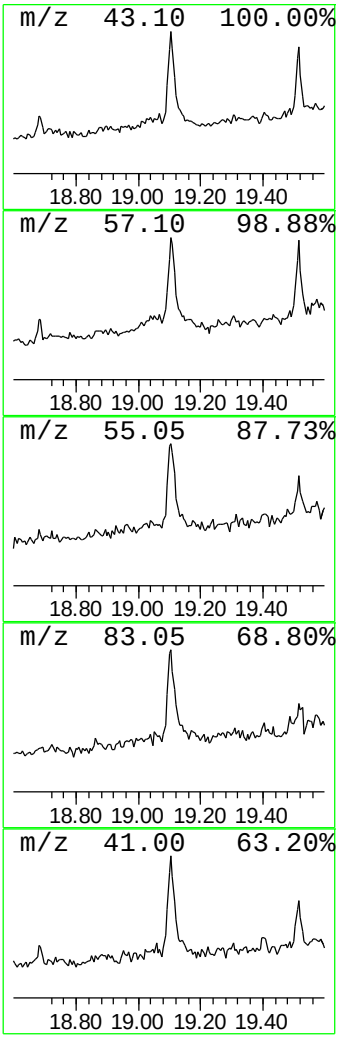
****

Peak Number 8 1-Hexacosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	7.09 ng	206797	Chrysene-d12	19.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	96
2	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	94
3	Tetracosyl trifluoroacetate	450	C26H49F3O2	1000351-76-4	90
4	Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	90
5	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	90





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Misc :
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Instrument : BNA_P
ClientSampleId : SB-1-(0-2)

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

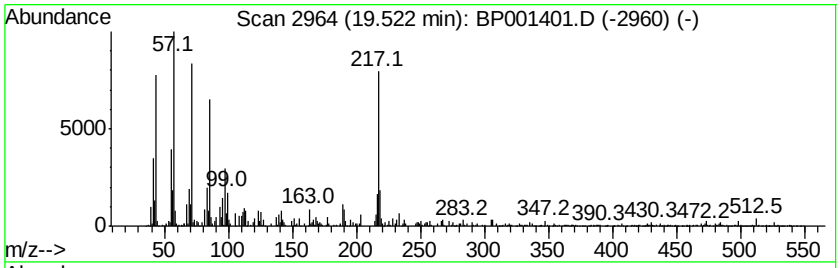
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

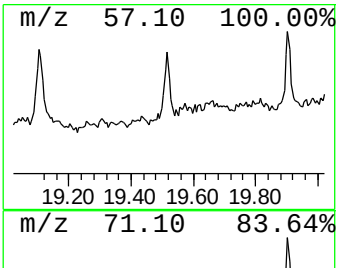
****

Peak Number 9 unknown19.52 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.52	2.70 ng	78760	Chrysene-d12	19.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1-iodo-	268	C10H21I	002050-77-3	49
2	Hexacosane	366	C26H54	000630-01-3	49
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	49
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	49
5	Octacosane	394	C28H58	000630-02-4	49





Library Search Compound Report

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Data File : BP001401.D
Acq On : 24 Dec 2019 22:34
Operator : JU
Sample : K6396-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-1-(0-2)

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

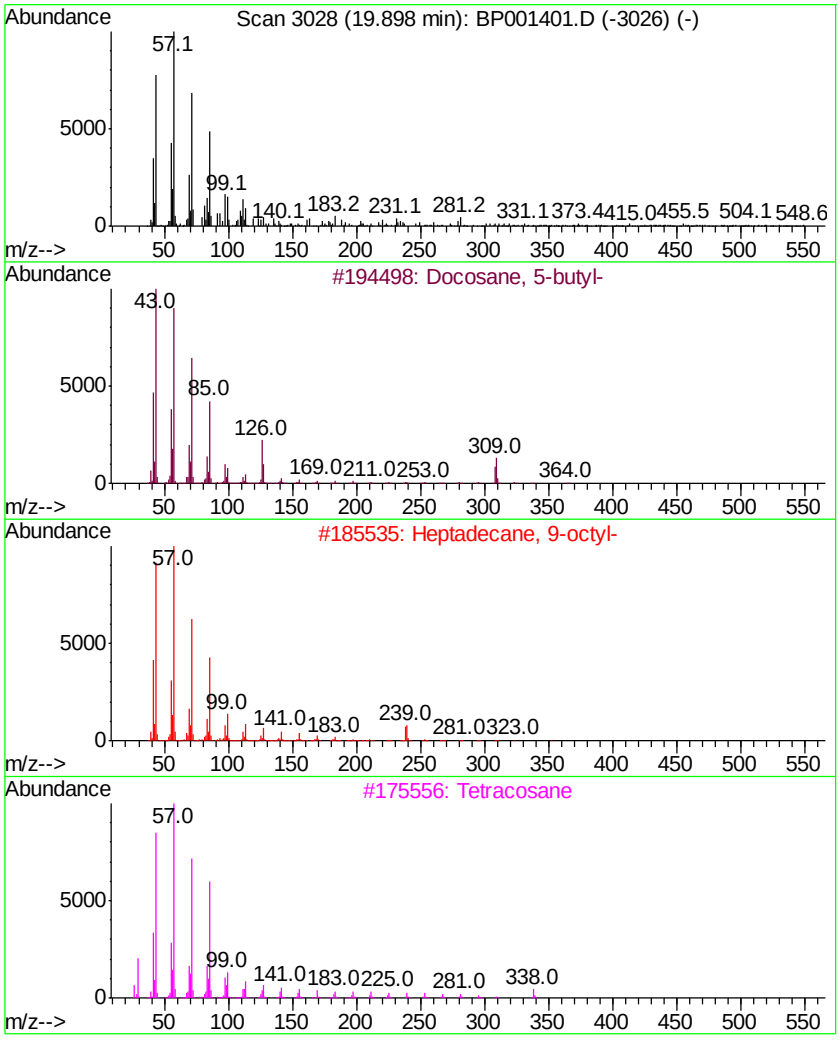
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

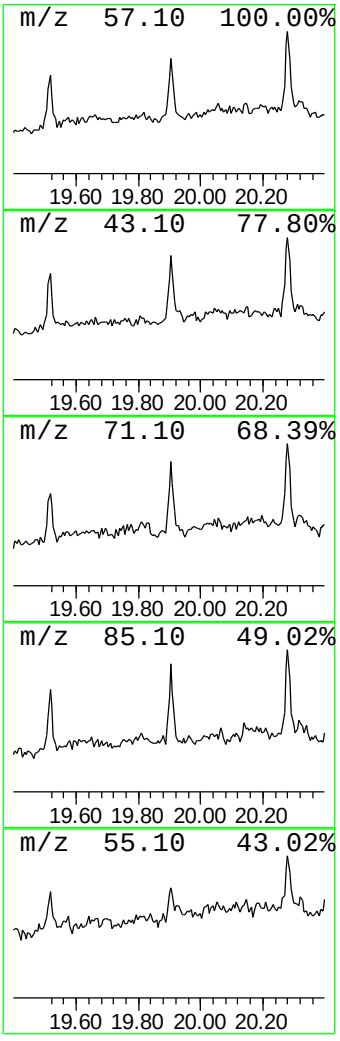
****

Peak Number 10 Docosane, 5-butyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	2.50 ng	73077	Chrysene-d12	19.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 5-butyl-	366	C26H54	055282-16-1	90
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	89
3	Tetracosane	338	C24H50	000646-31-1	87
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
5	Tritriacontane	465	C33H68	000630-05-7	76





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Acq On : 24 Dec 2019 22:34
Operator : JU
Sample : K6396-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-1-(0-2)

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

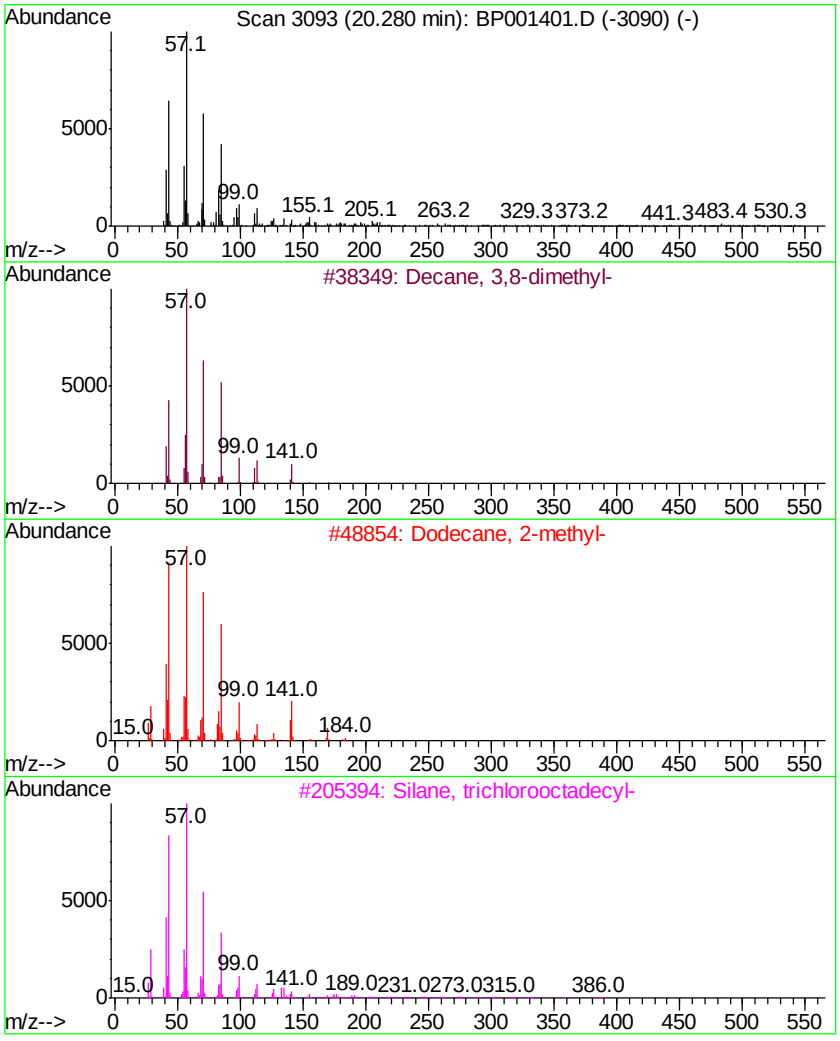
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

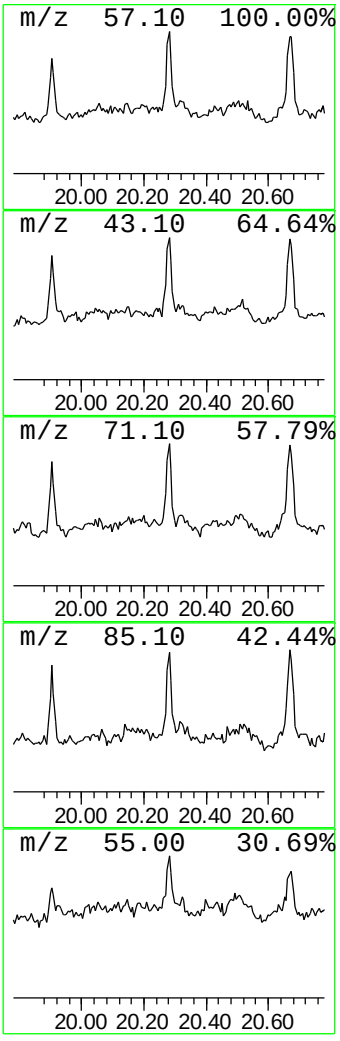
****

Peak Number 11 Decane, 3,8-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	5.56 ng	93805	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	81
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	81
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	78
4	Octacosane	394	C28H58	000630-02-4	74
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001401.D
Acq On : 24 Dec 2019 22:34
Operator : JU
Sample : K6396-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-1-(0-2)

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

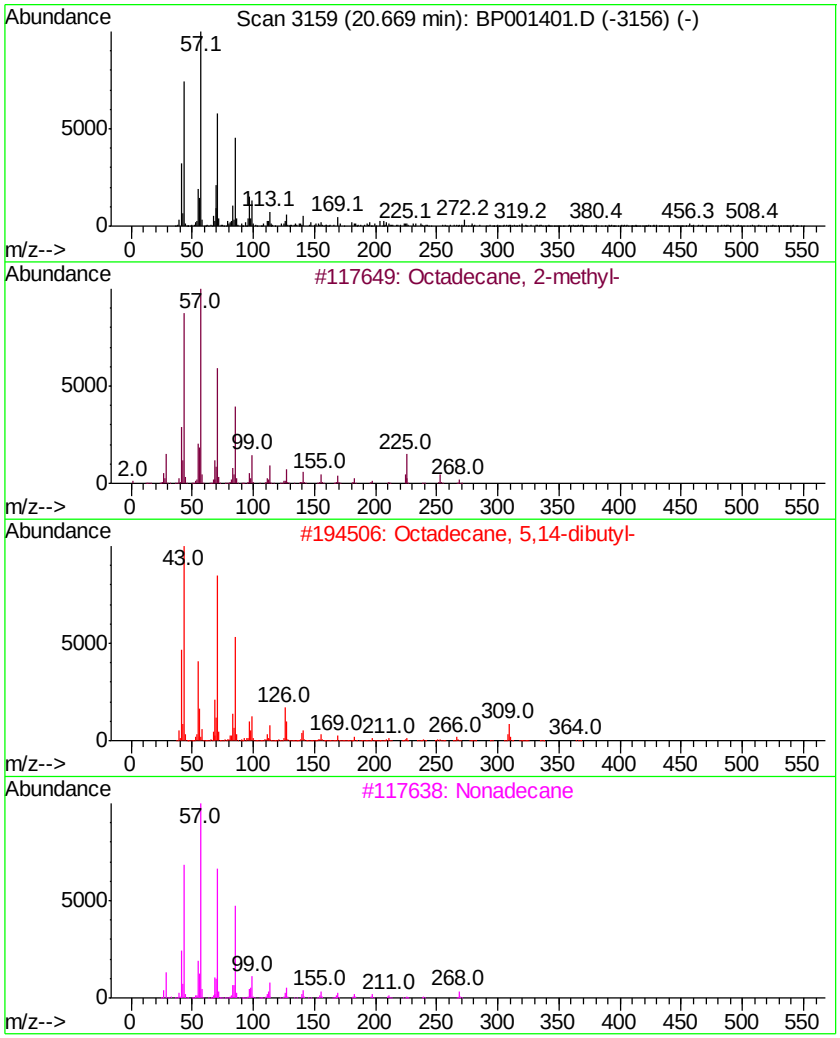
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

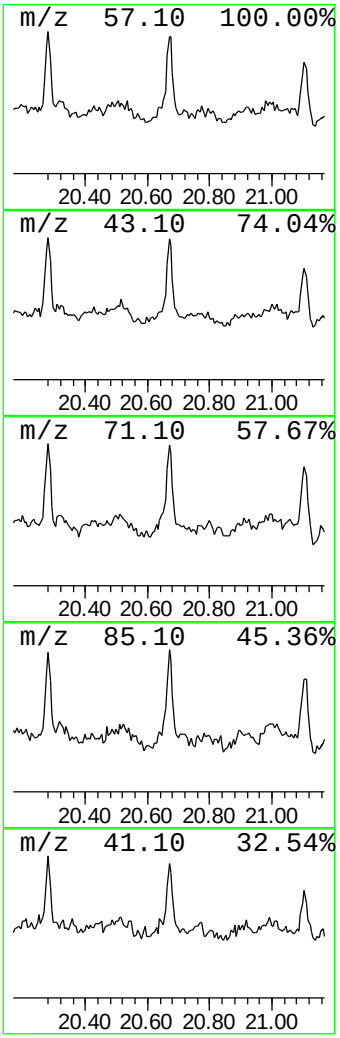
****

Peak Number 12 Octadecane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.67	8.81 ng	148606	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
2	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	90
3	Nonadecane	268	C19H40	000629-92-5	81
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	81
5	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP122419\
Data File : BP001401.D
Acq On : 24 Dec 2019 22:34
Operator : JU
Sample : K6396-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-1-(0-2)

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	14.2	ng	240730	1	8.28	339598	20.0
unknown7.93	7.93	81.3	ng	1381060	1	8.28	339598	20.0
Phenanthrene, 2-m...	16.37	2.1	ng	49757	4	15.58	472198	20.0
n-Hexadecanoic acid	16.47	7.0	ng	164486	4	15.58	472198	20.0
Fluoranthene, 2-m...	18.22	2.9	ng	83604	5	19.23	583581	20.0
1-Hexacosene	19.10	7.1	ng	206797	5	19.23	583581	20.0
unknown19.52	19.52	2.7	ng	78760	5	19.23	583581	20.0
Docosane, 5-butyl-	19.90	2.5	ng	73077	5	19.23	583581	20.0
Decane, 3,8-dimet...	20.28	5.6	ng	93805	6	20.99	337375	20.0
Octadecane, 2-met...	20.67	8.8	ng	148606	6	20.99	337375	20.0