LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111020\
Data File : BP003914.D
Acq On : 10 Nov 2020 21:51
Operator : CG/JU
Sample : L4594-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-03-110920

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-BP110320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP003914.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.934	3	8	21	rVB	1189415	1613311	26.24%	4.126%
2	3.093	28	35	45	rVV2	106437	259832	4.23%	0.665%
3	3.181	45	50	56	rVB	70846	103468	1.68%	0.265%
4	5.805	487	496	504	rBV	423309	632814	10.29%	1.619%
5	7.452	768	776	788	rVB	322043	535639	8.71%	1.370%
6	8.281	908	917	925	rBV	576826	897117	14.59%	2.295%
7	9.440	1103	1114	1124	rBV	206897	346846	5.64%	0.887%
8	11.110	1390	1398	1404	rBV	676827	1122843	18.26%	2.872%
9	13.522	1802	1808	1815	rBV	483990	690709	11.23%	1.767%
10	13.722	1837	1842	1850	rBV3	47541	79853	1.30%	0.204%
11	14.063	1892	1900	1908	rBV6	34268	75190	1.22%	0.192%
12	14.322	1940	1944	1951	rBV2	39895	84147	1.37%	0.215%
13	14.622	1990	1995	2000	rBV	62739	95181	1.55%	0.243%
14	14.781	2018	2022	2026	rVB	62138	74115	1.21%	0.190%
15	14.898	2036	2042	2049	rVB2	912768	1334190	21.70%	3.412%
16	14.963	2049	2053	2062	rVB2	37869	65718	1.07%	0.168%
17	15.722	2178	2182	2187	rVB	80312	96302	1.57%	0.246%
18	15.933	2214	2218	2228	rVB2	67361	115038	1.87%	0.294%
19	16.380	2289	2294	2300	rVB	329592	468143	7.61%	1.197%
20	16.580	2323	2328	2330	rBV	91034	116177	1.89%	0.297%
21	16.604	2330	2332	2337	rVB3	53375	71428	1.16%	0.183%
22	16.757	2354	2358	2362	rVB2	58042	67051	1.09%	0.171%
23	17.363	2457	2461	2466	rBV	96155	119682	1.95%	0.306%
24	17.427	2467	2472	2474	rBV2	42058	64941	1.06%	0.166%
25	17.633	2501	2507	2510	rBV	1077604	1519967	24.72%	3.888%
26	17.669	2510	2513	2520	rVV	381961	544393	8.85%	1.392%
27	17.763	2524	2529	2533	rVB	156765	216264	3.52%	0.553%
28	18.092	2581	2585	2588	rBV	103302	124345	2.02%	0.318%
29	18.127	2588	2591	2597	rVB	122827	139905	2.28%	0.358%
30	18.251	2607	2612	2617	rBV	2379075	2698908	43.89%	6.903%
31	18.480	2646	2651	2654	rBV	69359	108123	1.76%	0.277%
32	18.522	2655	2658	2663	rVB	82587	115802	1.88%	0.296%
33	18.669	2678	2683	2687	rBV3	120401	221886	3.61%	0.568%
34	18.745	2693	2696	2702	rBV	86250	106066	1.73%	0.271%
35	19.333	2791	2796	2798	rBV	3509903	4383956	71.30%	11.213%
36	19.363	2798	2801	2804	rVB	5782146	6148659	100.00%	15.726%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111020\
Data File : BP003914.D
Acq On : 10 Nov 2020 21:51
Operator : CG/JU
Sample : L4594-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-03-110920

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-BP110320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.486	2817	2822	2828	rBV	1288191	1415441	23.02%	3.620%
38	19.604	2837	2842	2847	rBV	903306	1197245	19.47%	3.062%
39	19.827	2877	2880	2885	rBV3	147285	182805	2.97%	0.468%
40	19.892	2888	2891	2893	rVV	72374	78989	1.28%	0.202%
41	19.921	2893	2896	2898	rVV2	139607	200808	3.27%	0.514%
42	19.951	2898	2901	2909	rVB	708806	977492	15.90%	2.500%
43	20.127	2926	2931	2935	rBV	838207	1038960	16.90%	2.657%
44	20.333	2964	2966	2967	rBV	75847	63656	1.04%	0.163%
45	20.404	2974	2978	2979	rBV2	131560	167101	2.72%	0.427%
46	20.421	2979	2981	2987	rVB	298173	355478	5.78%	0.909%
47	20.521	2995	2998	3002	rBV2	200140	260437	4.24%	0.666%
48	20.574	3002	3007	3011	rVV3	107471	212773	3.46%	0.544%
49	20.616	3012	3014	3018	rVB4	92224	112538	1.83%	0.288%
50	21.110	3096	3098	3104	rBV4	113212	200577	3.26%	0.513%
51	21.316	3130	3133	3136	rBV2	167269	184966	3.01%	0.473%
52	21.657	3185	3191	3196	rBV2	1279336	2397370	38.99%	6.132%
53	21.698	3196	3198	3204	rVB	403551	469160	7.63%	1.200%
54	23.386	3480	3485	3490	rBV	377574	816835	13.28%	2.089%
55	23.921	3571	3576	3584	rVB2	383236	779005	12.67%	1.992%
56	24.027	3589	3594	3605	rVB	441132	919268	14.95%	2.351%
57	24.139	3607	3613	3618	rBV	819791	1608799	26.17%	4.115%

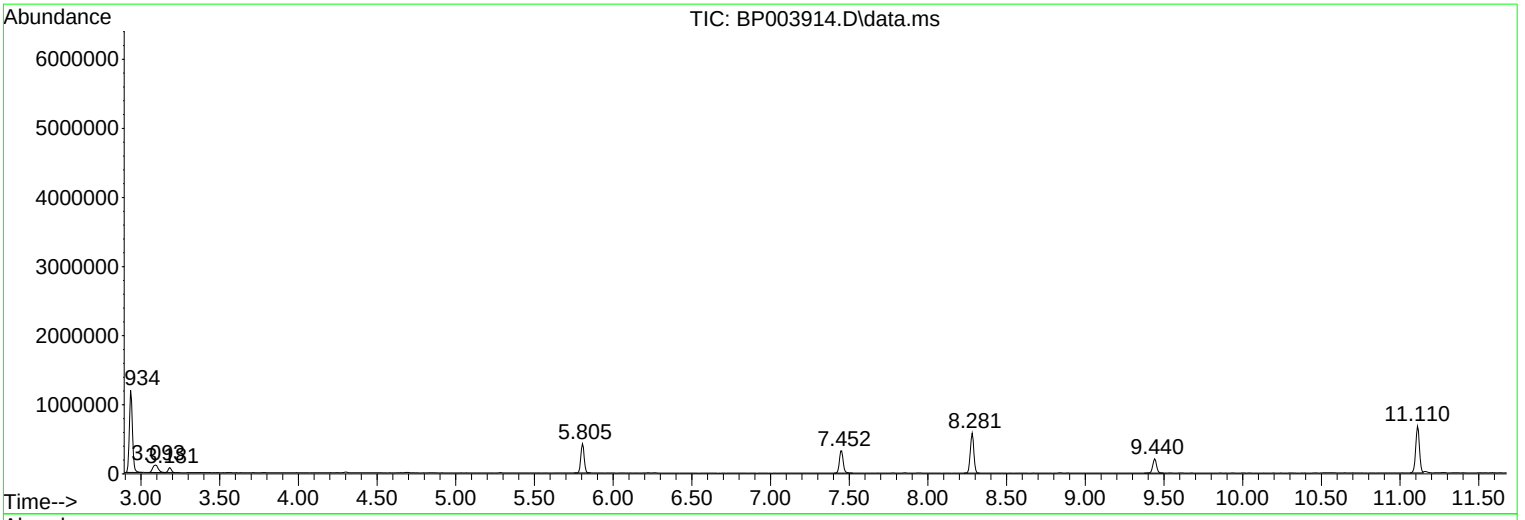
Sum of corrected areas: 39097712

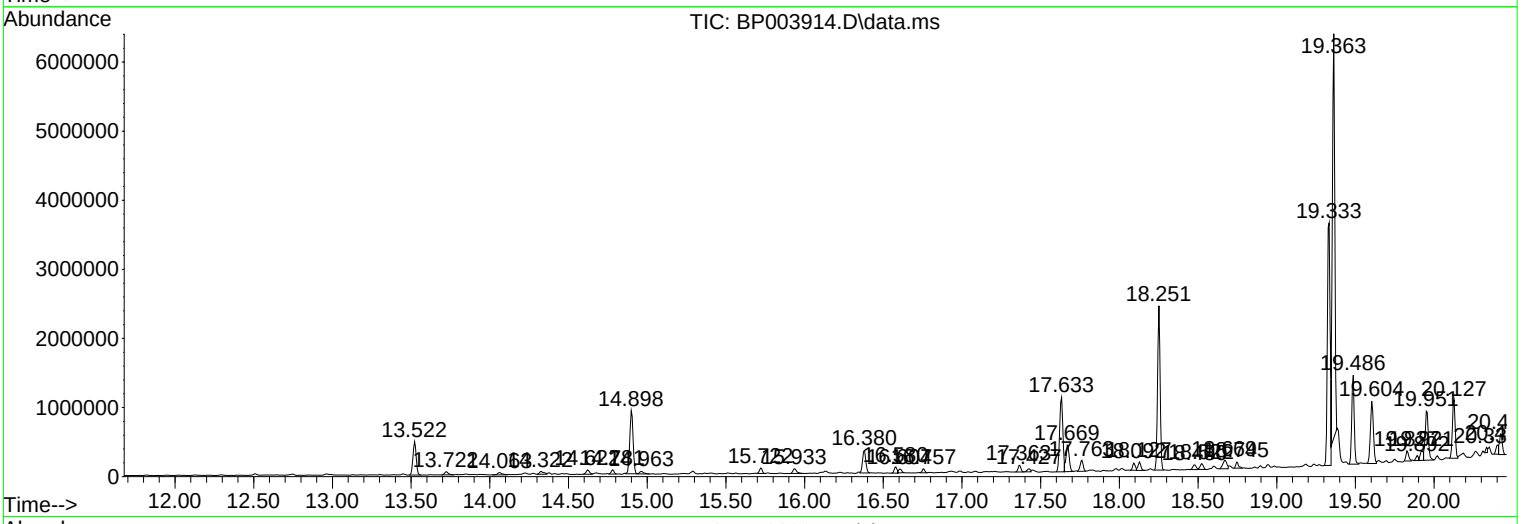
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111020\
Data File : BP003914.D
Acq On : 10 Nov 2020 21:51
Operator : CG/JU
Sample : L4594-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

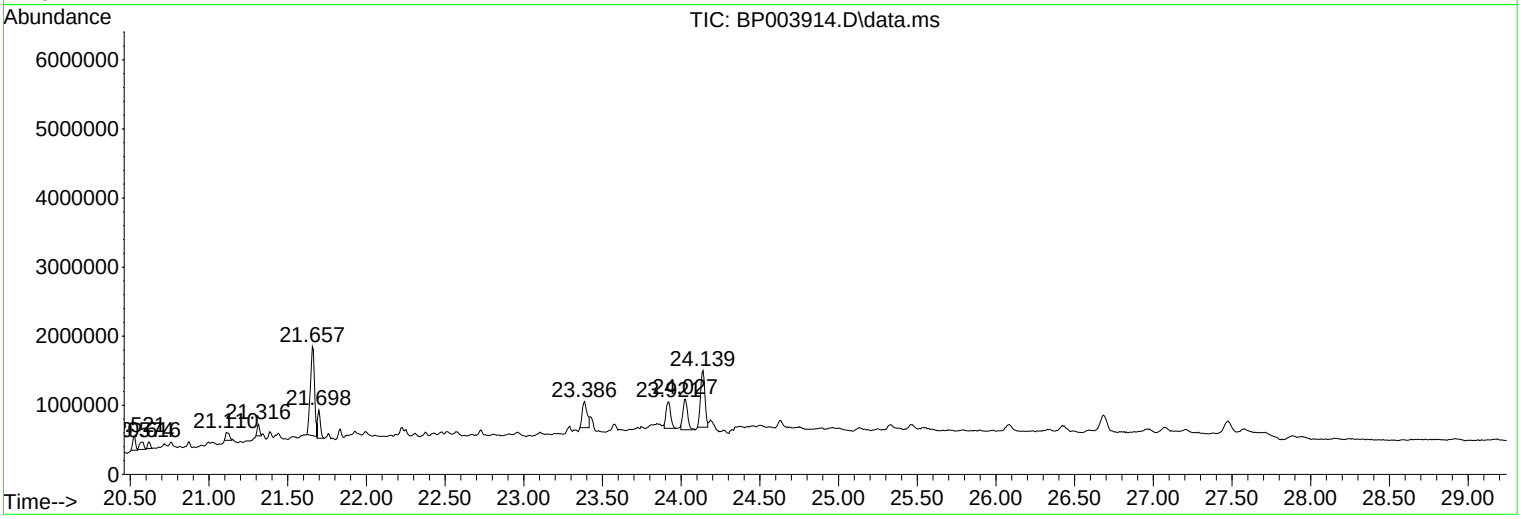
Instrument :
BNA_P
ClientSampleId :
OR-03-110920

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111020\
Data File : BP003914.D
Acq On : 10 Nov 2020 21:51
Operator : CG/JU
Sample : L4594-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-110920

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

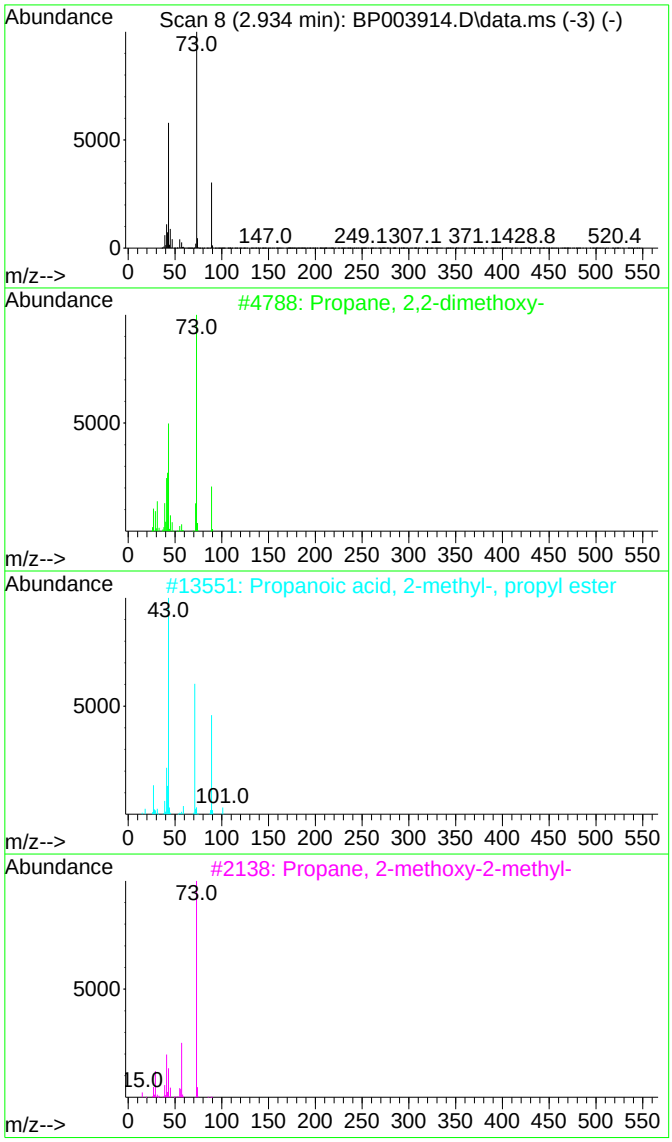
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

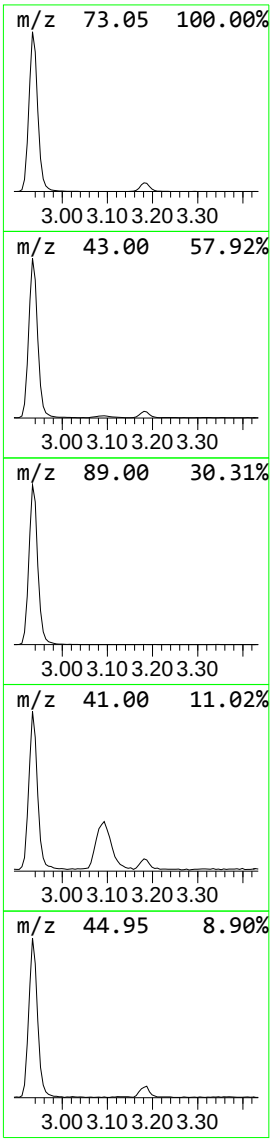
****

Peak Number 1 unknown2.934 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.934	35.97 ng	1613310	1,4-Dichlorobenzene-d4	8.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111020\
Data File : BP003914.D
Acq On : 10 Nov 2020 21:51
Operator : CG/JU
Sample : L4594-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-110920

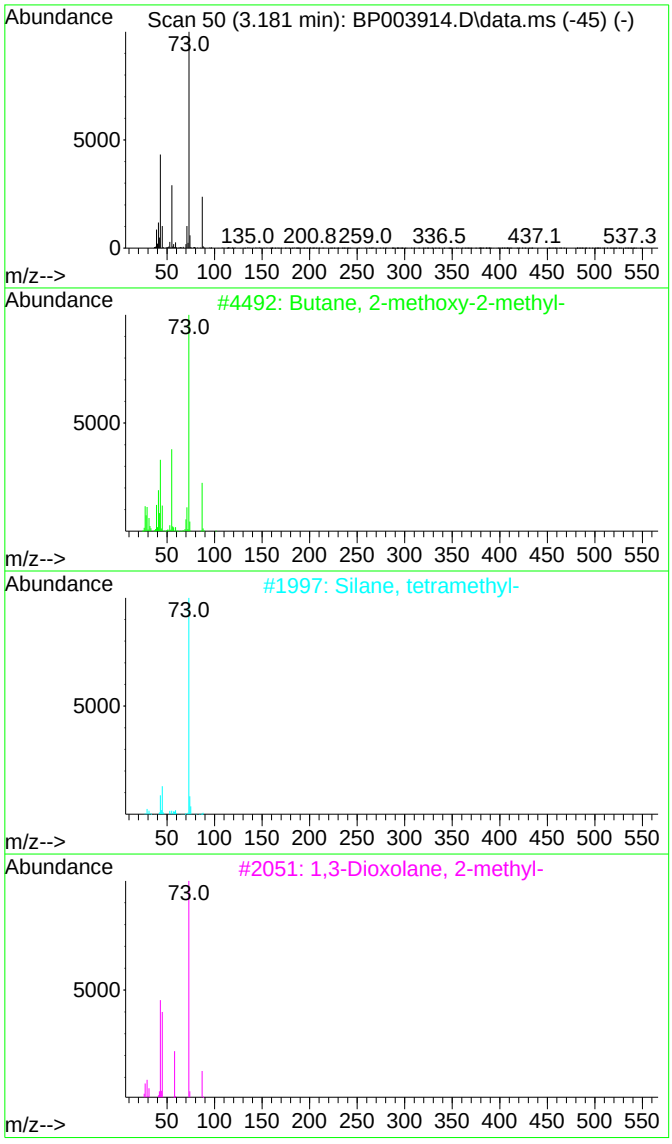
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

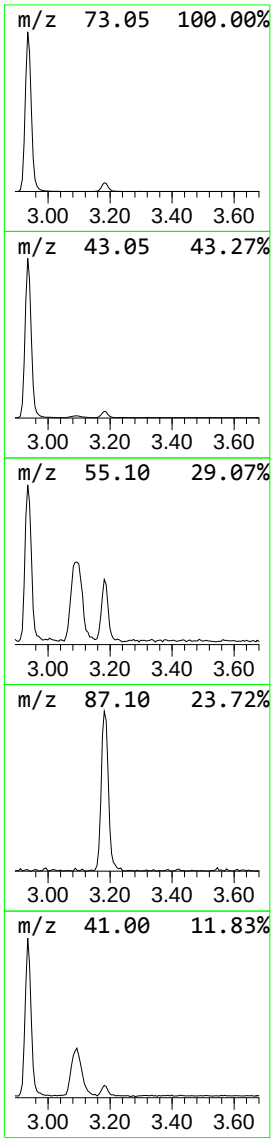
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.181	2.31 ng	103468	1,4-Dichlorobenzene-d4	8.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	d-Arabinal	116	C5H8O3	000496-61-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111020\
Data File : BP003914.D
Acq On : 10 Nov 2020 21:51
Operator : CG/JU
Sample : L4594-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-03-110920

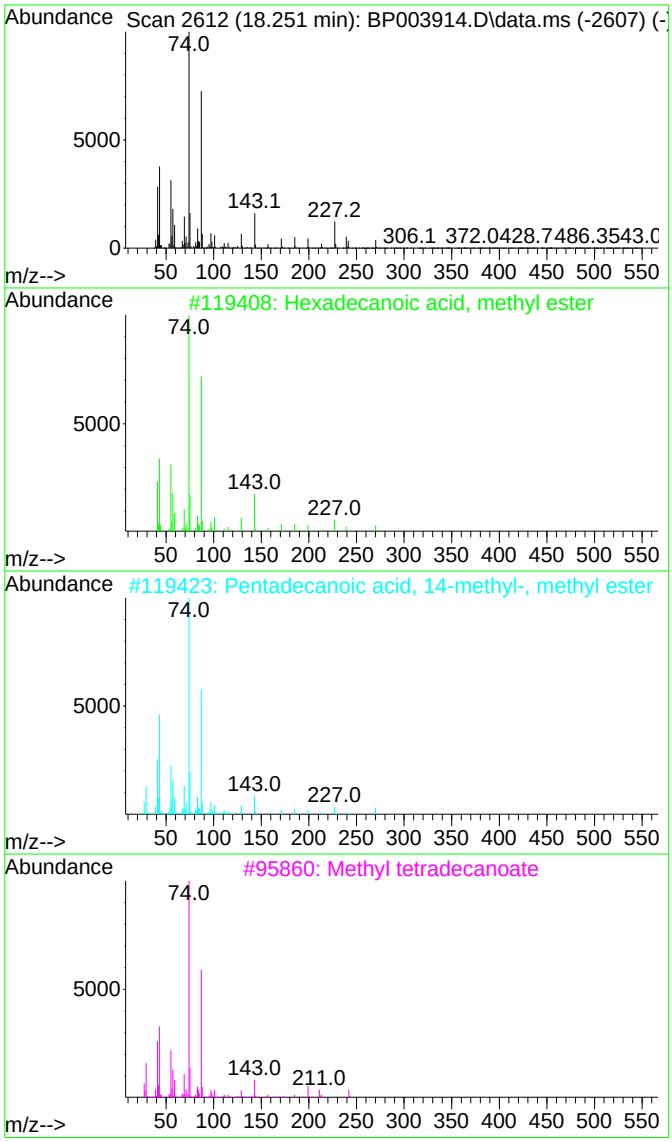
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

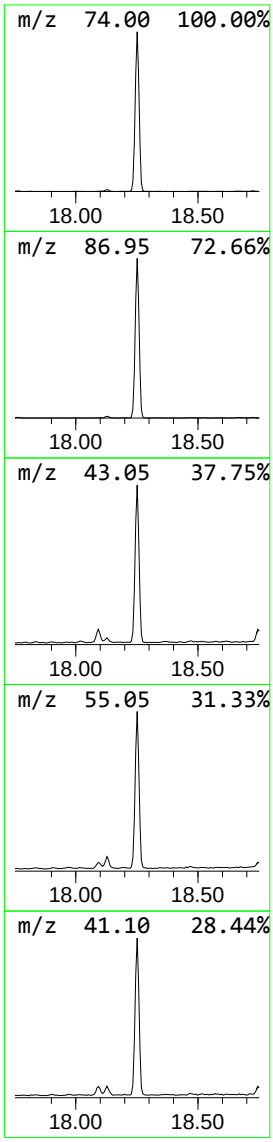
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.251	35.51 ng	2698910	Phenanthrene-d10	17.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111020\
Data File : BP003914.D
Acq On : 10 Nov 2020 21:51
Operator : CG/JU
Sample : L4594-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-110920

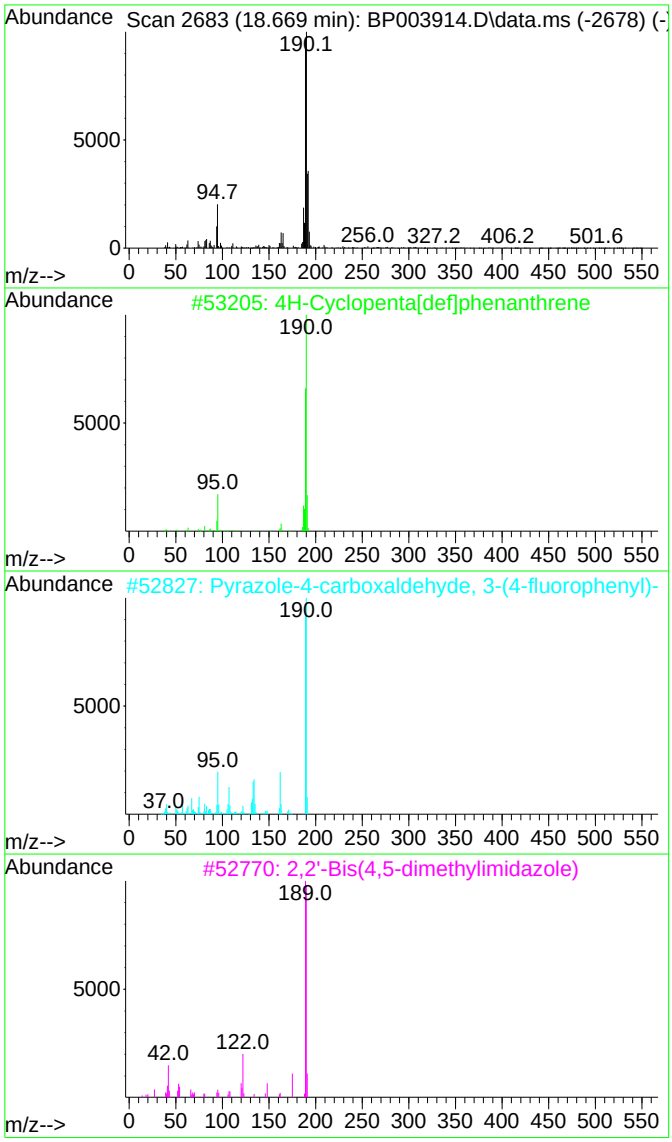
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

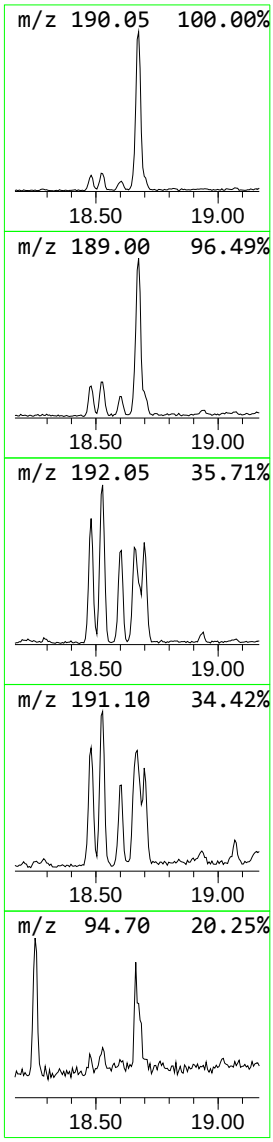
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.669	2.92 ng	221886	Phenanthrene-d10	17.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	58
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	36
4	l-Alanine, n-pentafluoropropiony...	389	C17H28F5NO3	1000323-37-8	27
5	Carbonic acid, 2-formyl-4,6-dich...	276	C11H10Cl2O4	1000331-39-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111020\
Data File : BP003914.D
Acq On : 10 Nov 2020 21:51
Operator : CG/JU
Sample : L4594-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-110920

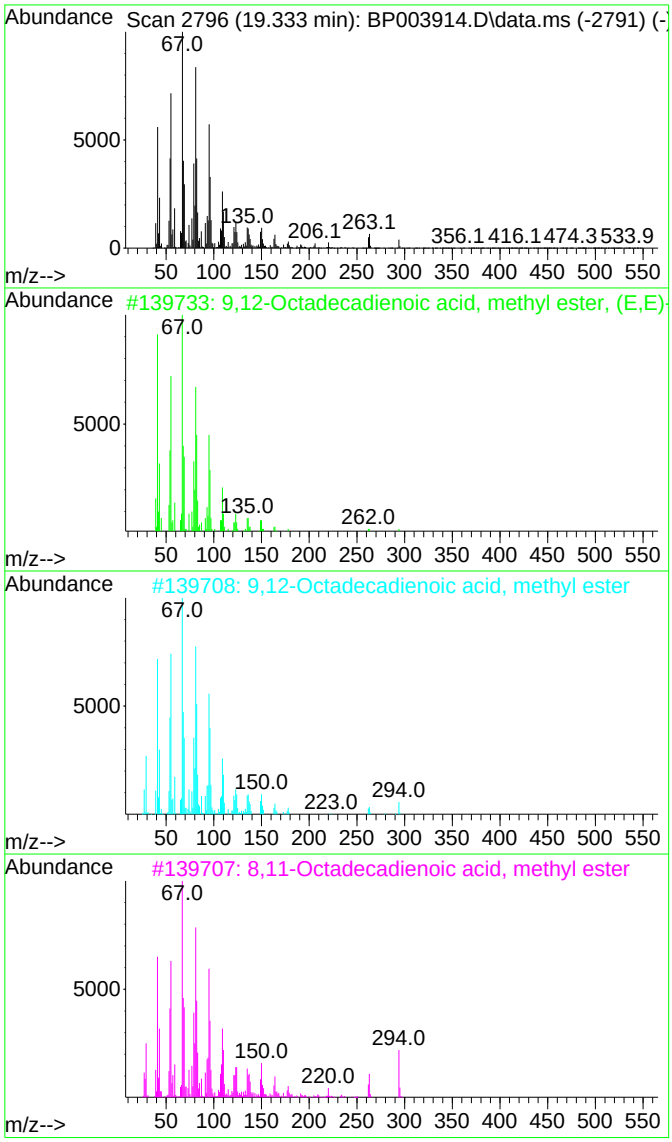
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

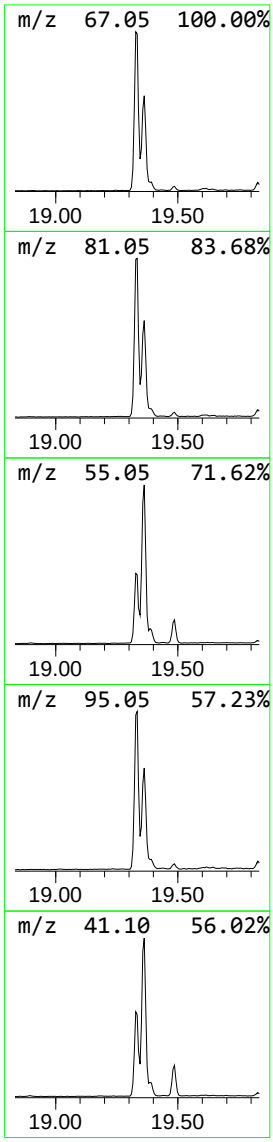
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.333	57.68 ng	4383960	Phenanthrene-d10	17.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111020\
Data File : BP003914.D
Acq On : 10 Nov 2020 21:51
Operator : CG/JU
Sample : L4594-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-110920

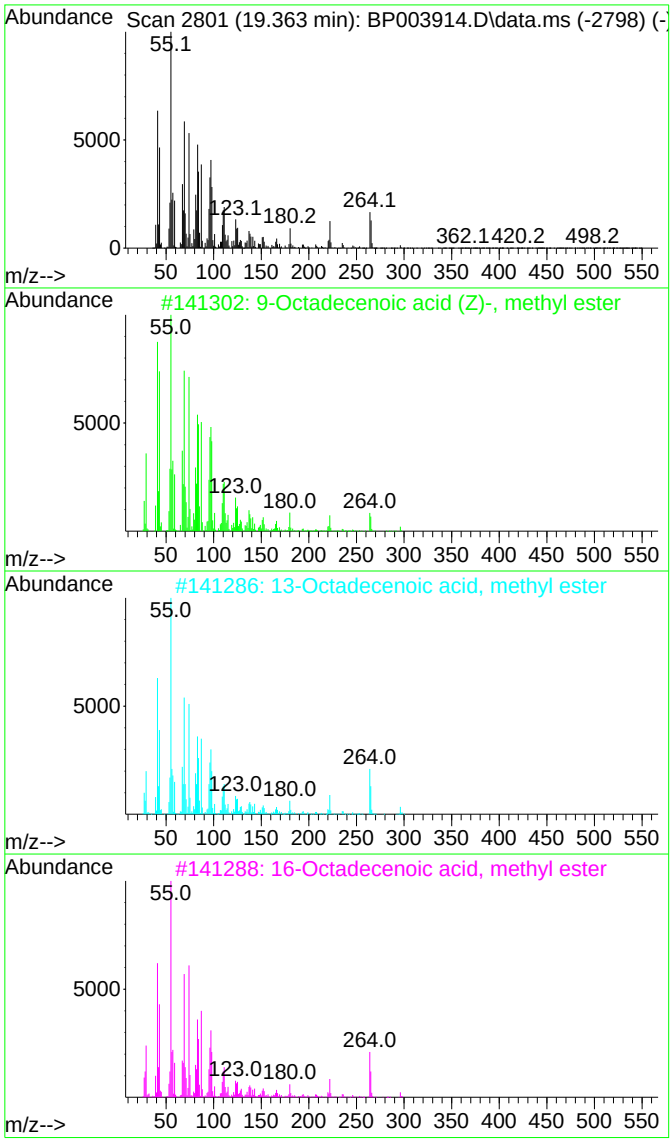
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

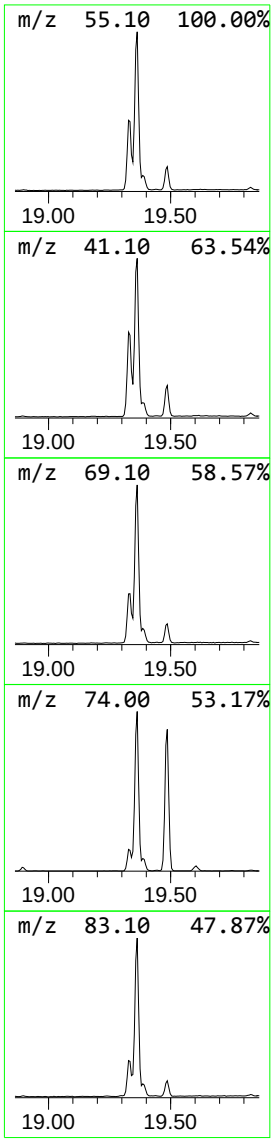
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.363	80.91 ng	6148660	Phenanthrene-d10	17.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
5	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111020\
Data File : BP003914.D
Acq On : 10 Nov 2020 21:51
Operator : CG/JU
Sample : L4594-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-110920

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

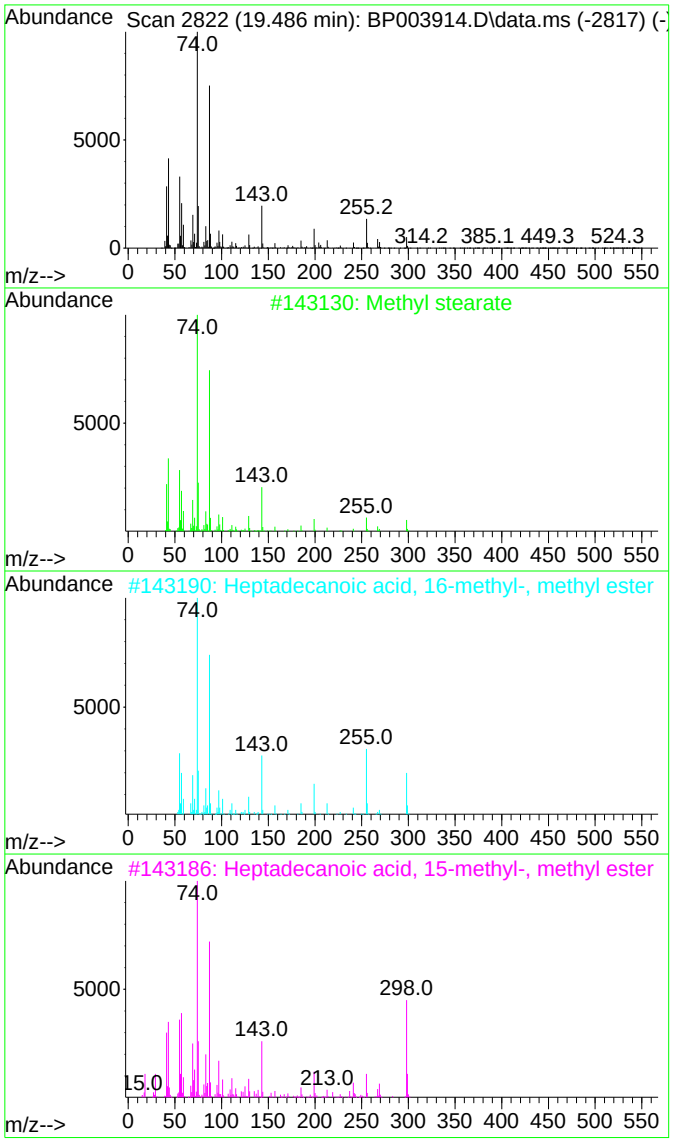
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

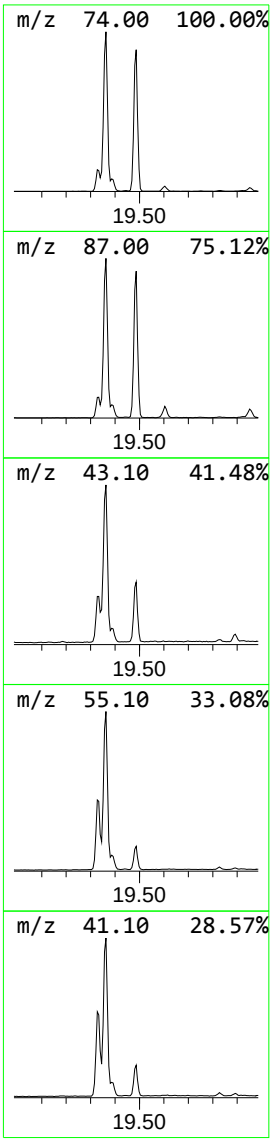
****

Peak Number 8 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.486	18.62 ng	1415440	Phenanthrene-d10	17.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
3	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	90
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87





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Acq On : 10 Nov 2020 21:51
Operator : CG/JU
Sample : L4594-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-110920

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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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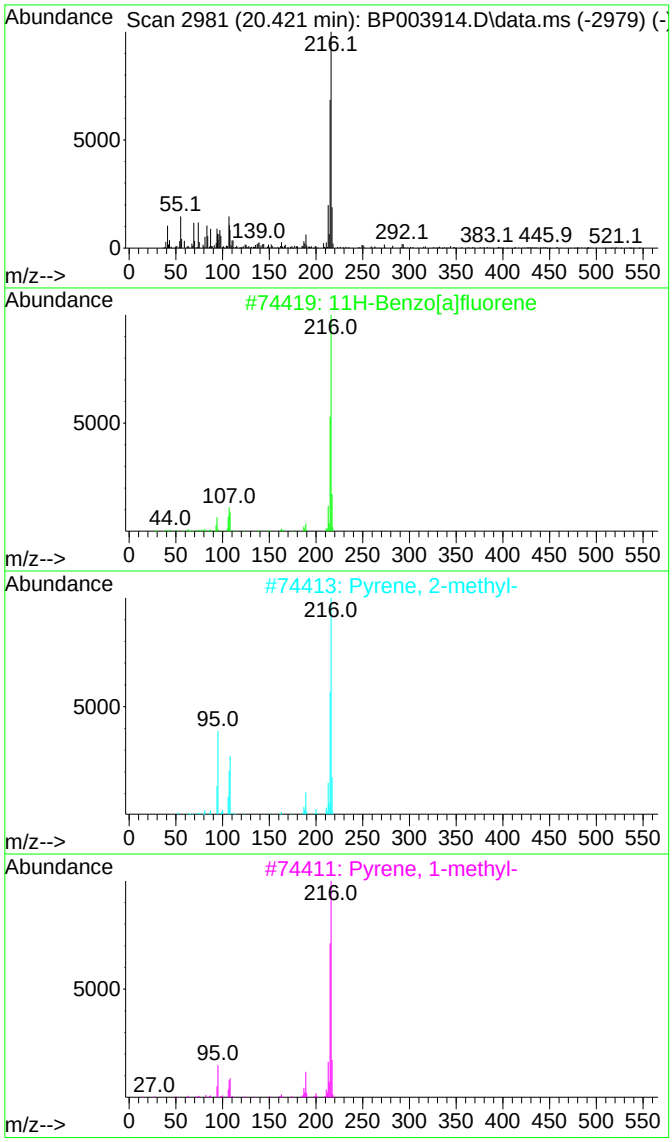
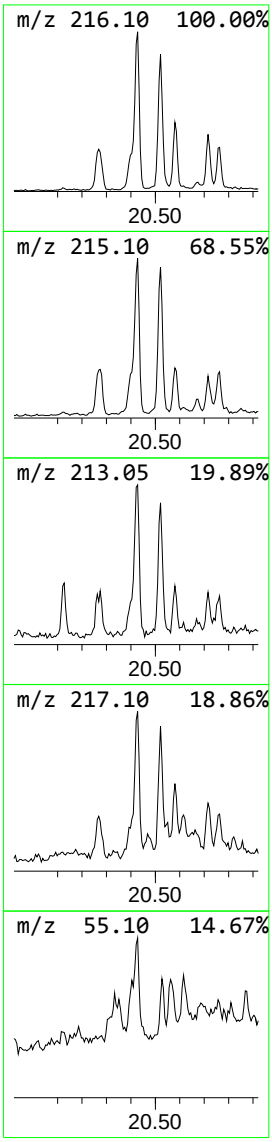
Peak Number 9 11H-Benzo[a]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.422	2.97 ng	355478	Chrysene-d12	21.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111020\
Data File : BP003914.D
Acq On : 10 Nov 2020 21:51
Operator : CG/JU
Sample : L4594-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-110920

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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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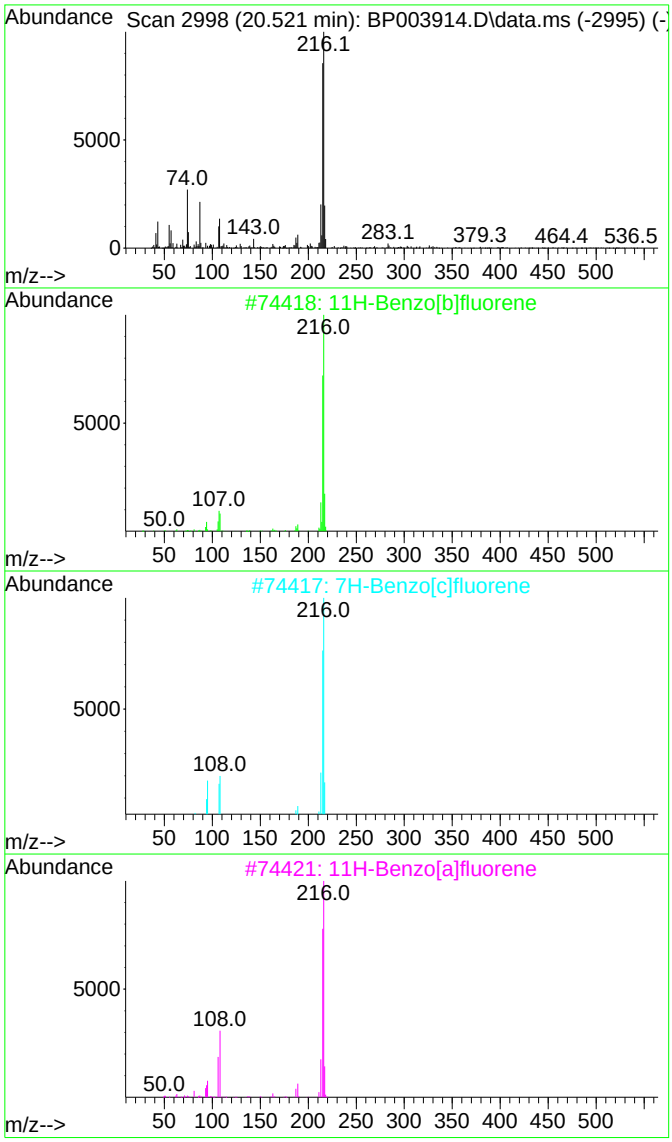
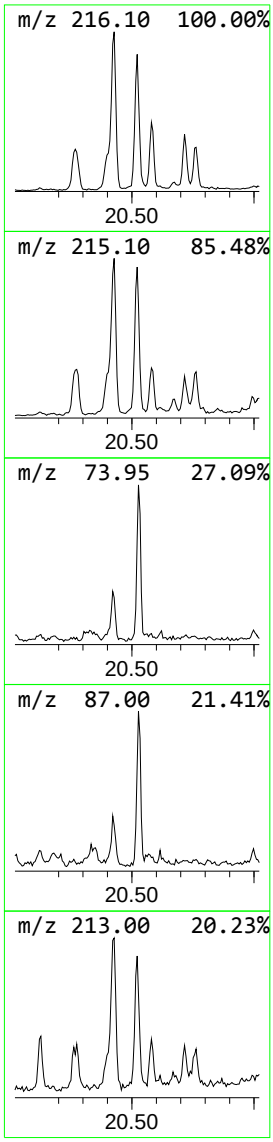
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.521	2.17 ng	260437	Chrysene-d12	21.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
2	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	68
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111020\
Data File : BP003914.D
Acq On : 10 Nov 2020 21:51
Operator : CG/JU
Sample : L4594-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-03-110920

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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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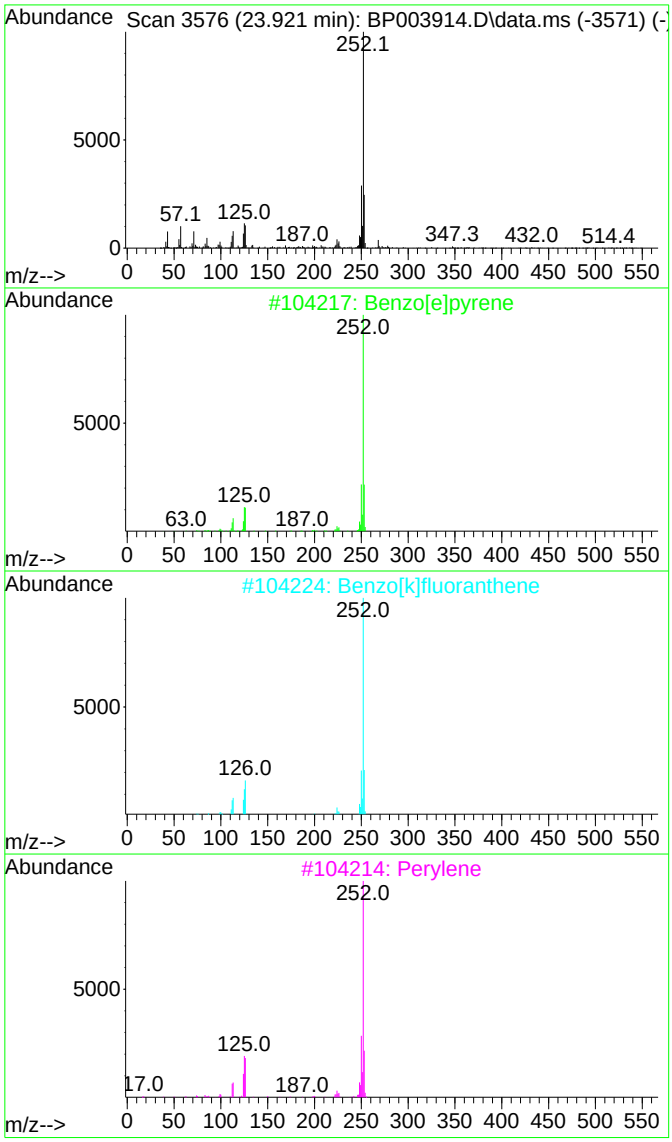
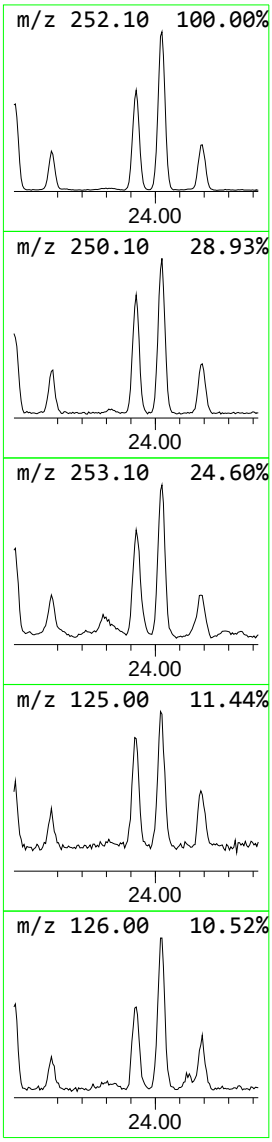
Peak Number 11 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.921	9.68 ng	779005	Perylene-d12	24.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Perylene	252	C20H12	000198-55-0	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111020\
Data File : BP003914.D
Acq On : 10 Nov 2020 21:51
Operator : CG/JU
Sample : L4594-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-03-110920

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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
unknown2.934	2.934	36.0	ng	1613310	1	8.281	897117	20.0
Butane, 2-metho...	3.181	2.3	ng	103468	1	8.281	897117	20.0
Hexadecanoic ac...	18.251	35.5	ng	2698910	4	17.633	1519970	20.0
4H-Cyclopenta[d...	18.669	2.9	ng	221886	4	17.633	1519970	20.0
9,12-Octadecadi...	19.333	57.7	ng	4383960	4	17.633	1519970	20.0
9-Octadecenoic ...	19.363	80.9	ng	6148660	4	17.633	1519970	20.0
Methyl stearate	19.486	18.6	ng	1415440	4	17.633	1519970	20.0
11H-Benzo[a]flu...	20.422	3.0	ng	355478	5	21.663	2397370	20.0
11H-Benzo[b]flu...	20.521	2.2	ng	260437	5	21.663	2397370	20.0
Benzo[e]pyrene	23.921	9.7	ng	779005	6	24.139	1608800	20.0