LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
Data File : BP003329.D
Acq On : 18 Sep 2020 19:23
Operator : CG/JU
Sample : L3871-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-08-091720

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-BP091520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP003329.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.834	156	161	171	rVB	97562	135409	2.17%	0.252%
2	5.216	389	396	405	rBV	2124316	3154769	50.52%	5.860%
3	5.287	405	408	419	rVB	49532	82152	1.32%	0.153%
4	6.799	654	665	681	rBV	1950472	3277858	52.49%	6.089%
5	7.210	730	735	739	rBV	67687	108237	1.73%	0.201%
6	7.257	739	743	753	rVB	55962	96405	1.54%	0.179%
7	7.599	794	801	812	rBV	658570	1019751	16.33%	1.894%
8	8.751	984	997	1009	rBV	1392190	2363482	37.85%	4.390%
9	10.381	1266	1274	1278	rBV	847434	1452039	23.25%	2.697%
10	10.428	1278	1282	1293	rVB	385619	654952	10.49%	1.217%
11	12.051	1551	1558	1568	rBV	173900	302626	4.85%	0.562%
12	12.275	1586	1596	1607	rVB	131781	223410	3.58%	0.415%
13	12.863	1689	1696	1715	rBV	3394391	5350530	85.68%	9.938%
14	13.075	1728	1732	1741	rVB	39293	68425	1.10%	0.127%
15	13.410	1784	1789	1800	rBV3	49682	133204	2.13%	0.247%
16	13.569	1810	1816	1821	rBV	82125	147250	2.36%	0.274%
17	13.622	1821	1825	1832	rVB	56337	84375	1.35%	0.157%
18	13.710	1832	1840	1851	rBV	574699	841716	13.48%	1.563%
19	13.810	1851	1857	1860	rBV	40149	64538	1.03%	0.120%
20	13.969	1878	1884	1897	rVB2	141549	240454	3.85%	0.447%
21	14.245	1924	1931	1938	rBV2	1271767	1972294	31.58%	3.663%
22	14.310	1938	1942	1947	rVV	80387	109752	1.76%	0.204%
23	14.651	1994	2000	2008	rVB	135638	215139	3.45%	0.400%
24	15.304	2105	2111	2117	rBV	223347	336020	5.38%	0.624%
25	15.604	2157	2162	2172	rVB2	48880	105317	1.69%	0.196%
26	15.751	2179	2187	2198	rBV	2502559	3864727	61.89%	7.179%
27	15.992	2222	2228	2231	rBV4	38120	68678	1.10%	0.128%
28	16.316	2276	2283	2287	rBV2	51373	105811	1.69%	0.197%
29	16.822	2366	2369	2380	rVB	64172	119830	1.92%	0.223%
30	17.004	2394	2400	2404	rBV	1535542	2201803	35.26%	4.090%
31	17.045	2404	2407	2413	rVB	791898	1041326	16.68%	1.934%
32	17.139	2418	2423	2429	rVB	265083	374361	6.00%	0.695%
33	17.204	2429	2434	2440	rBV3	52690	95175	1.52%	0.177%
34	17.416	2466	2470	2474	rBV	53632	76727	1.23%	0.143%
35	17.880	2544	2549	2553	rBV	143234	194288	3.11%	0.361%
36	17.927	2553	2557	2563	rVV	240269	329231	5.27%	0.612%
37	18.004	2567	2570	2575	rVV	93653	142477	2.28%	0.265%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
Data File : BP003329.D
Acq On : 18 Sep 2020 19:23
Operator : CG/JU
Sample : L3871-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-08-091720

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-BP091520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

38	18.069	2575	2581	2585	rVV2	331002	567764	9.09%	1.055%
39	18.104	2585	2587	2595	rVB	123430	161318	2.58%	0.300%
40	18.369	2628	2632	2636	rVB	88576	104663	1.68%	0.194%
41	18.657	2678	2681	2685	rBV	51552	68036	1.09%	0.126%
42	18.774	2697	2701	2706	rBV	144702	221420	3.55%	0.411%
43	18.839	2706	2712	2715	rBV2	88084	159565	2.56%	0.296%
44	18.910	2720	2724	2732	rBV4	84664	189693	3.04%	0.352%
45	19.027	2739	2744	2751	rBV	1285991	1670105	26.75%	3.102%
46	19.174	2766	2769	2773	rVV	64084	76601	1.23%	0.142%
47	19.269	2781	2785	2789	rBV2	47669	69454	1.11%	0.129%
48	19.380	2795	2804	2814	rBV	1245583	1991019	31.88%	3.698%
49	19.463	2814	2818	2823	rVB3	76254	131853	2.11%	0.245%
50	19.586	2831	2839	2844	rBV	5107066	6244478	100.00%	11.599%
51	19.698	2854	2858	2866	rBV5	107521	263488	4.22%	0.489%
52	19.833	2877	2881	2882	rBV4	88177	105807	1.69%	0.197%
53	19.869	2883	2887	2891	rVB	321303	411348	6.59%	0.764%
54	19.963	2899	2903	2907	rBV	244020	296523	4.75%	0.551%
55	20.021	2909	2913	2918	rVB2	166013	226214	3.62%	0.420%
56	20.157	2933	2936	2940	rBV3	108782	127659	2.04%	0.237%
57	20.204	2940	2944	2949	rBV	107880	147867	2.37%	0.275%
58	20.763	3036	3039	3042	rBV	65831	80124	1.28%	0.149%
59	20.792	3042	3044	3047	rVV	91791	86855	1.39%	0.161%
60	20.833	3047	3051	3061	rVV2	869527	1206044	19.31%	2.240%
61	21.104	3091	3097	3101	rBV2	1615346	2773390	44.41%	5.152%
62	21.139	3101	3103	3112	rVB	565332	671286	10.75%	1.247%
63	21.263	3120	3124	3129	rBV2	125995	226866	3.63%	0.421%
64	21.704	3195	3199	3205	rBV2	318267	498254	7.98%	0.925%
65	22.657	3356	3361	3365	rBV	479203	954277	15.28%	1.773%
66	23.127	3437	3441	3449	rVB	261378	462414	7.41%	0.859%
67	23.221	3452	3457	3464	rVB	459366	829290	13.28%	1.540%
68	23.321	3468	3474	3479	rBV	913071	1658305	26.56%	3.080%

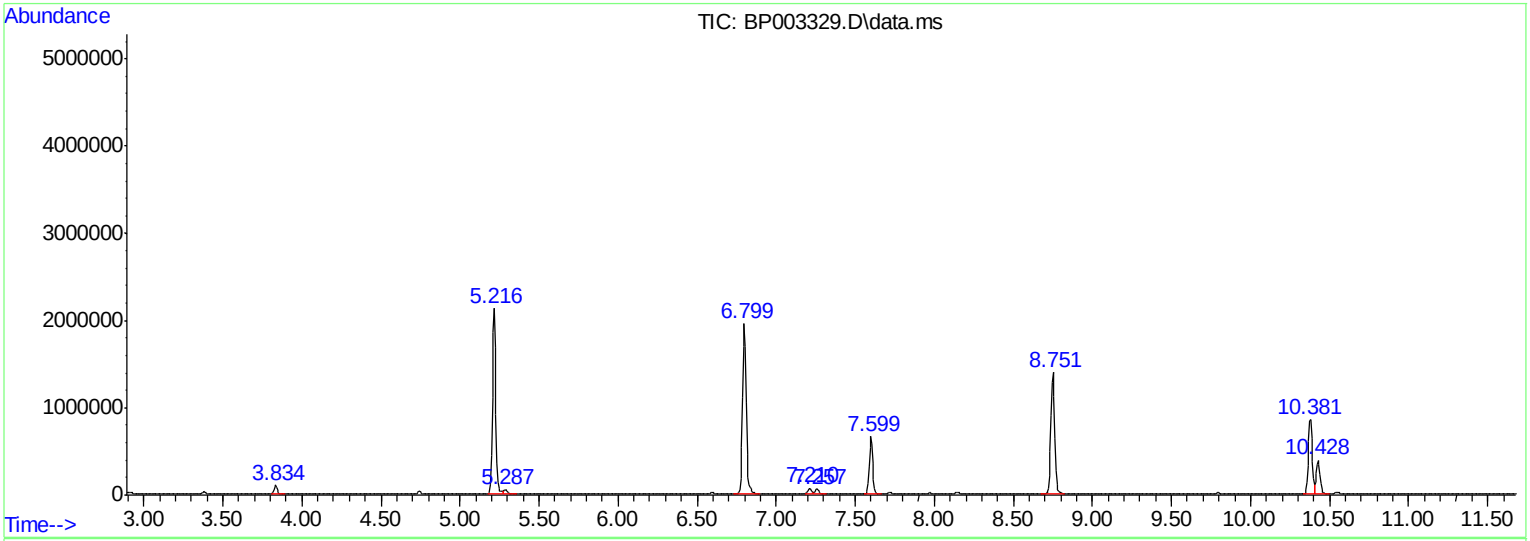
Sum of corrected areas: 53836518

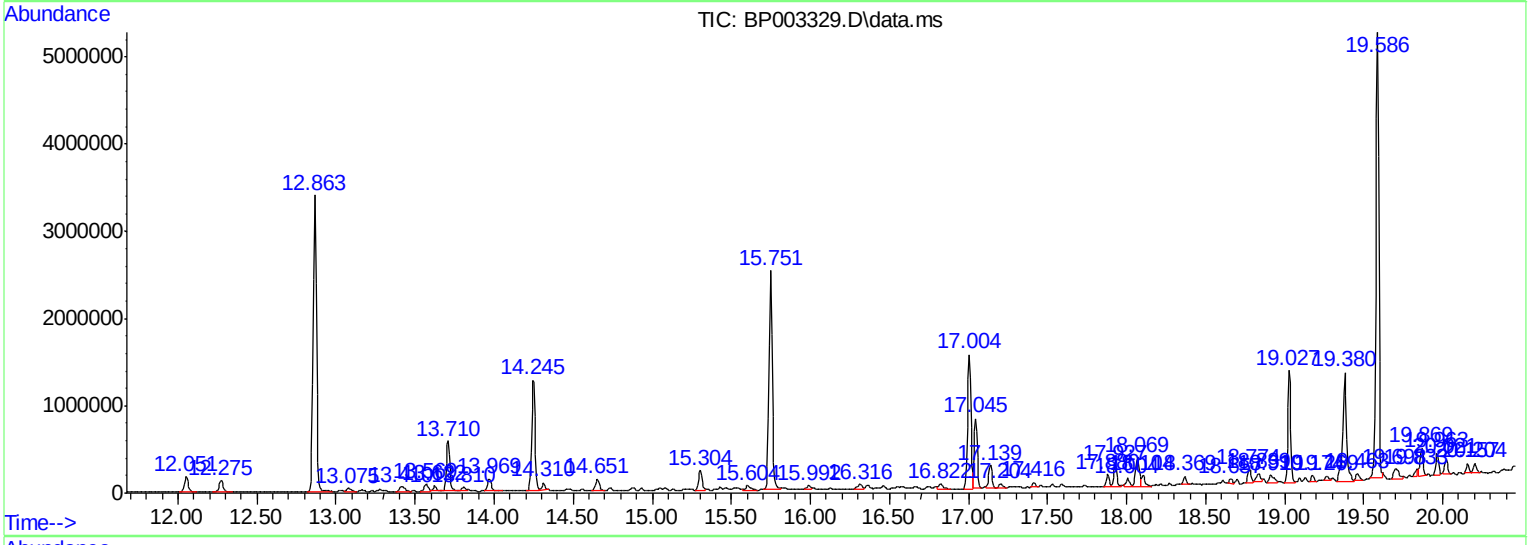
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
Data File : BP003329.D
Acq On : 18 Sep 2020 19:23
Operator : CG/JU
Sample : L3871-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

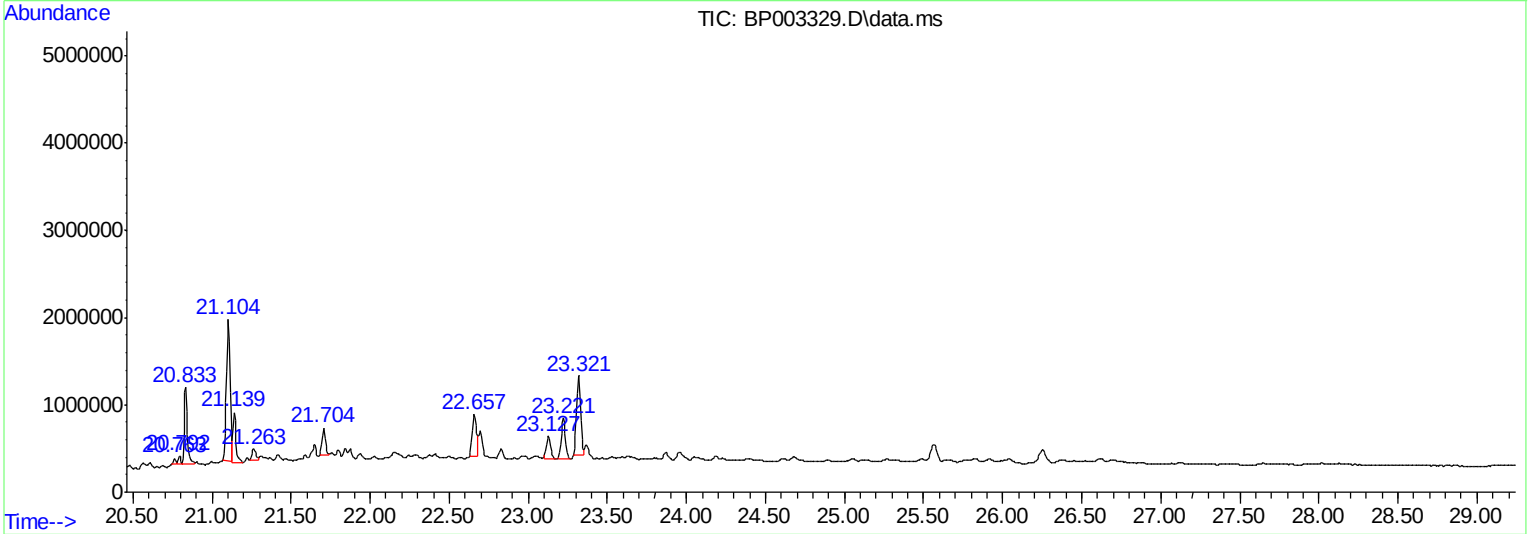
Instrument :
BNA_P
ClientSampleId :
TR-08-091720

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.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\BP091820\
Data File : BP003329.D
Acq On : 18 Sep 2020 19:23
Operator : CG/JU
Sample : L3871-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-08-091720

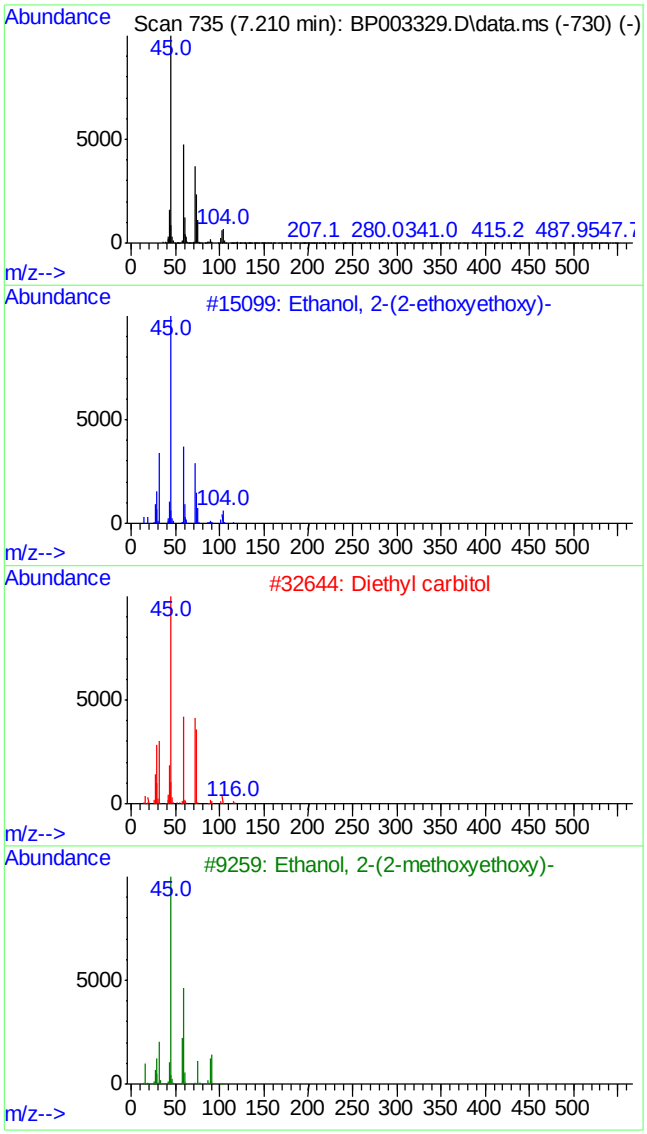
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

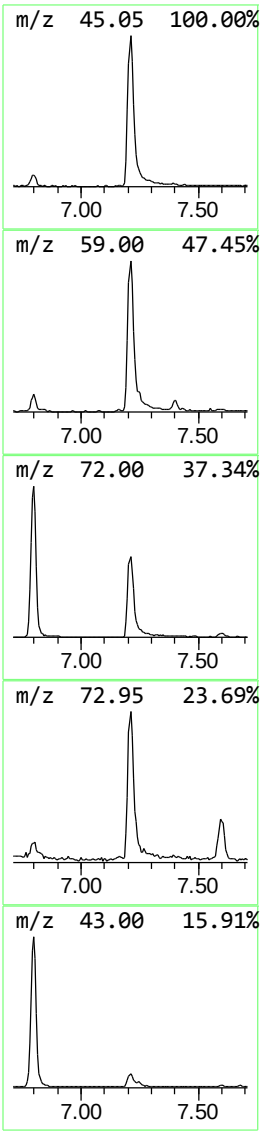
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.210	2.12 ng	108237	1,4-Dichlorobenzene-d4	7.599

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	86
2	Diethyl carbitol	162	C8H18O3	000112-36-7	64
3	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	53
4	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	50
5	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
Data File : BP003329.D
Acq On : 18 Sep 2020 19:23
Operator : CG/JU
Sample : L3871-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-08-091720

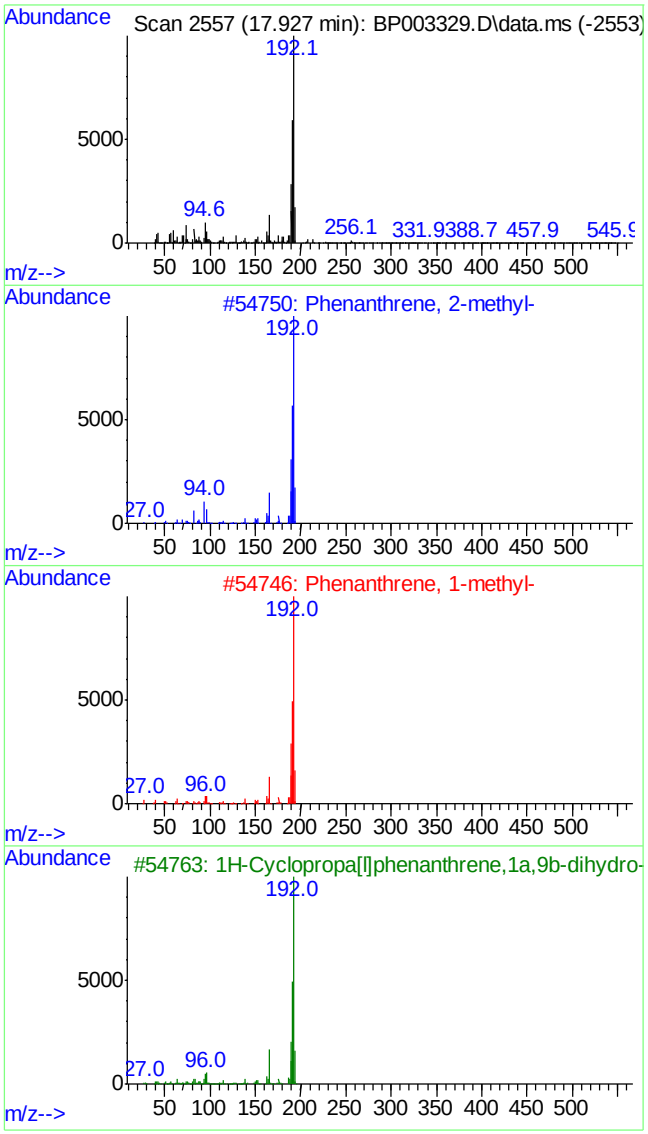
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

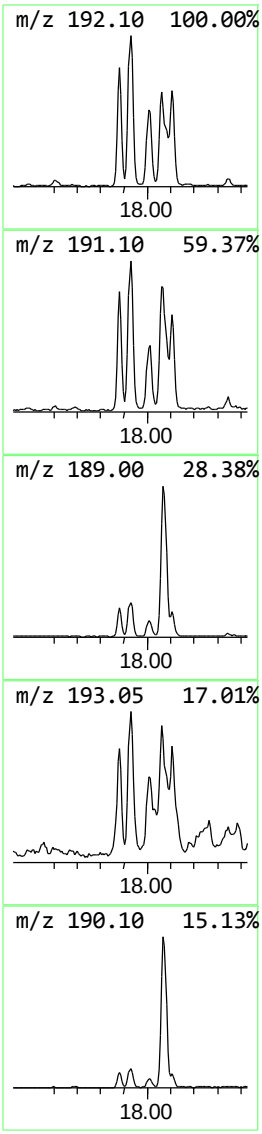
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.927	2.99 ng	329231	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
Data File : BP003329.D
Acq On : 18 Sep 2020 19:23
Operator : CG/JU
Sample : L3871-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-08-091720

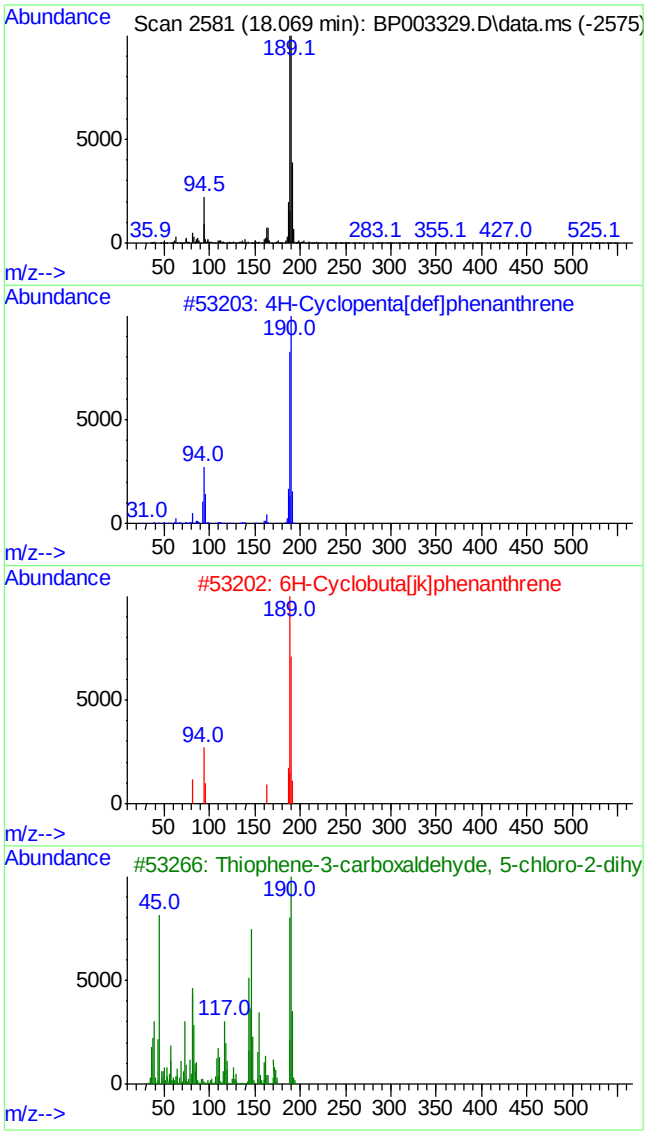
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

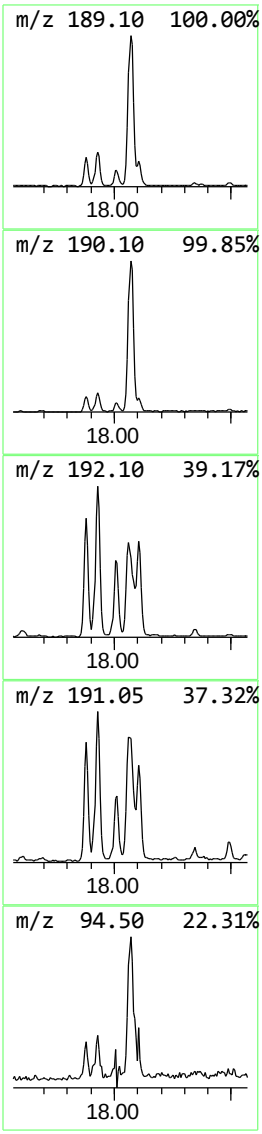
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.069	5.16 ng	567764	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
Data File : BP003329.D
Acq On : 18 Sep 2020 19:23
Operator : CG/JU
Sample : L3871-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-08-091720

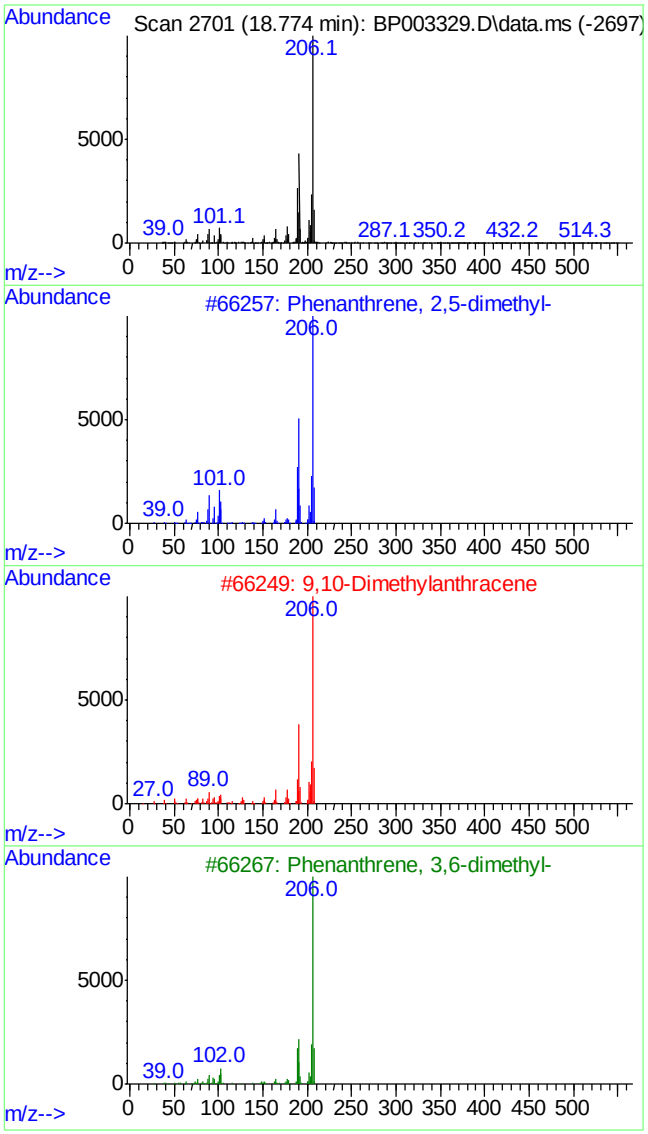
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

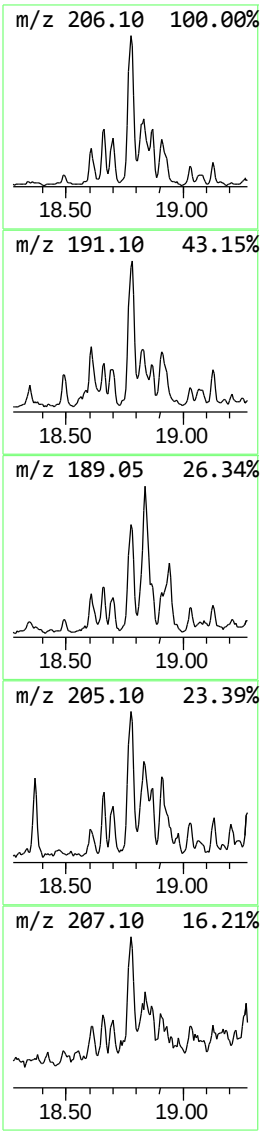
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.775	2.01 ng	221420	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
Data File : BP003329.D
Acq On : 18 Sep 2020 19:23
Operator : CG/JU
Sample : L3871-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-08-091720

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

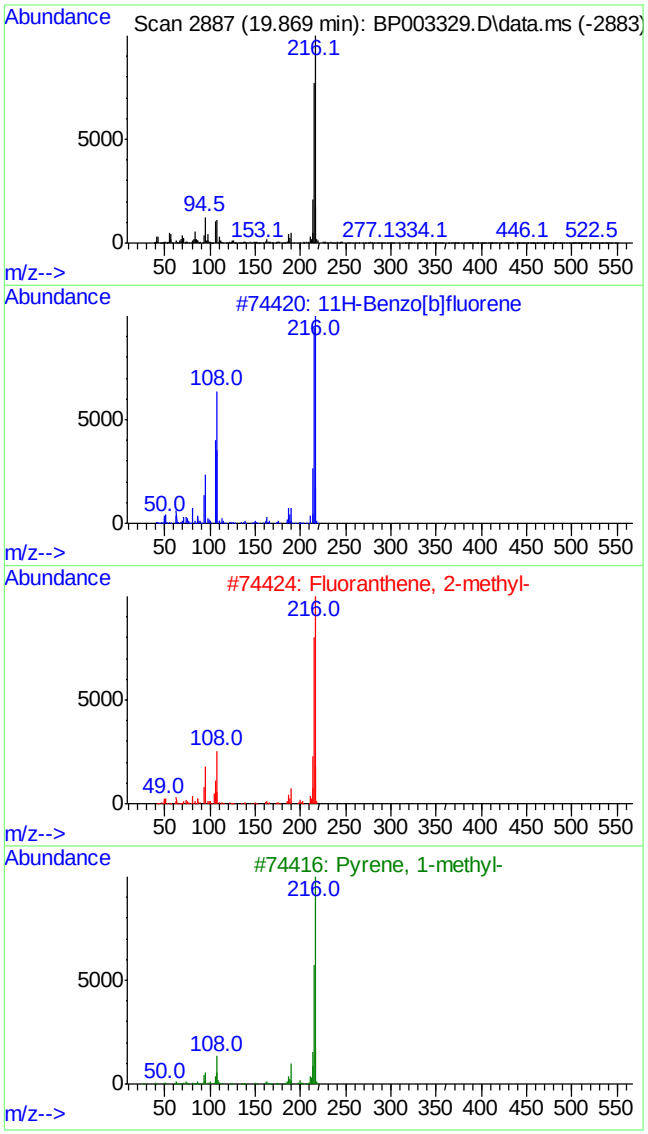
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

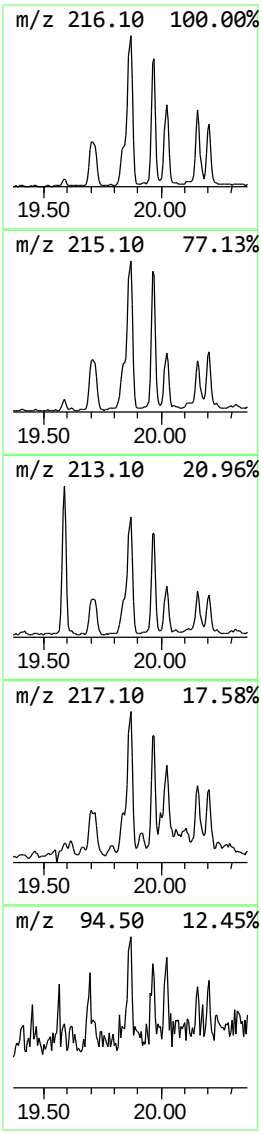
****

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.869	2.97 ng	411348	Chrysene-d12	21.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
Data File : BP003329.D
Acq On : 18 Sep 2020 19:23
Operator : CG/JU
Sample : L3871-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-08-091720

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

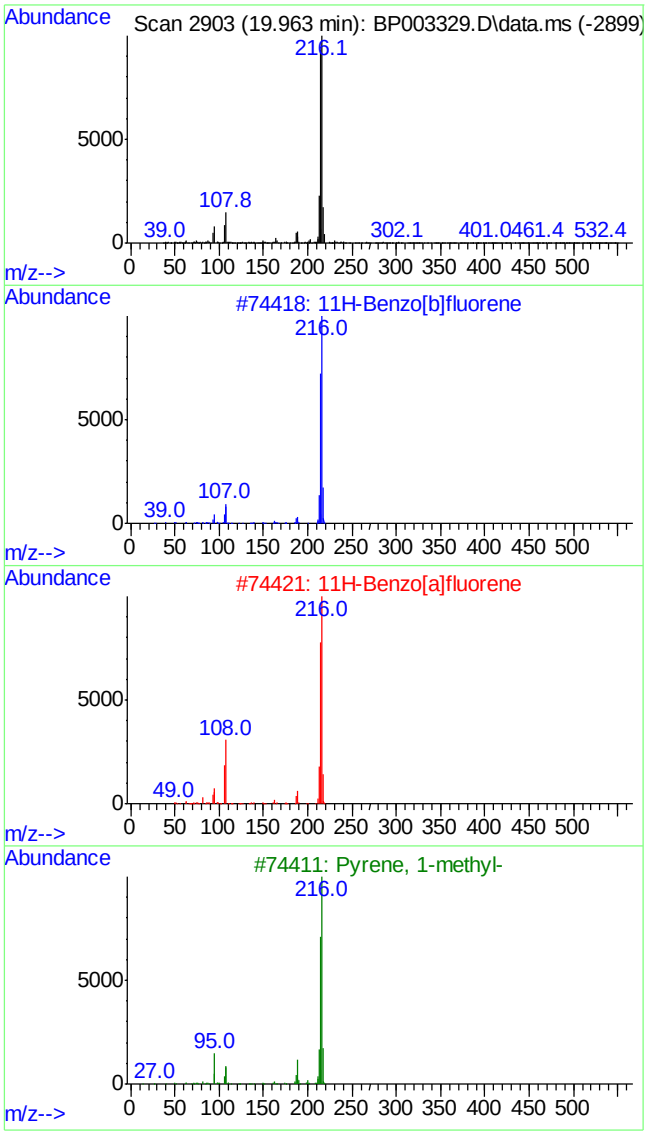
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

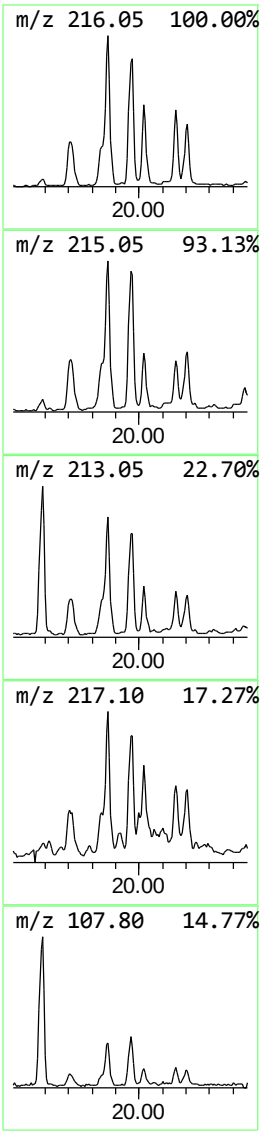
****

Peak Number 9 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.963	2.14 ng	296523	Chrysene-d12	21.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
Data File : BP003329.D
Acq On : 18 Sep 2020 19:23
Operator : CG/JU
Sample : L3871-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-08-091720

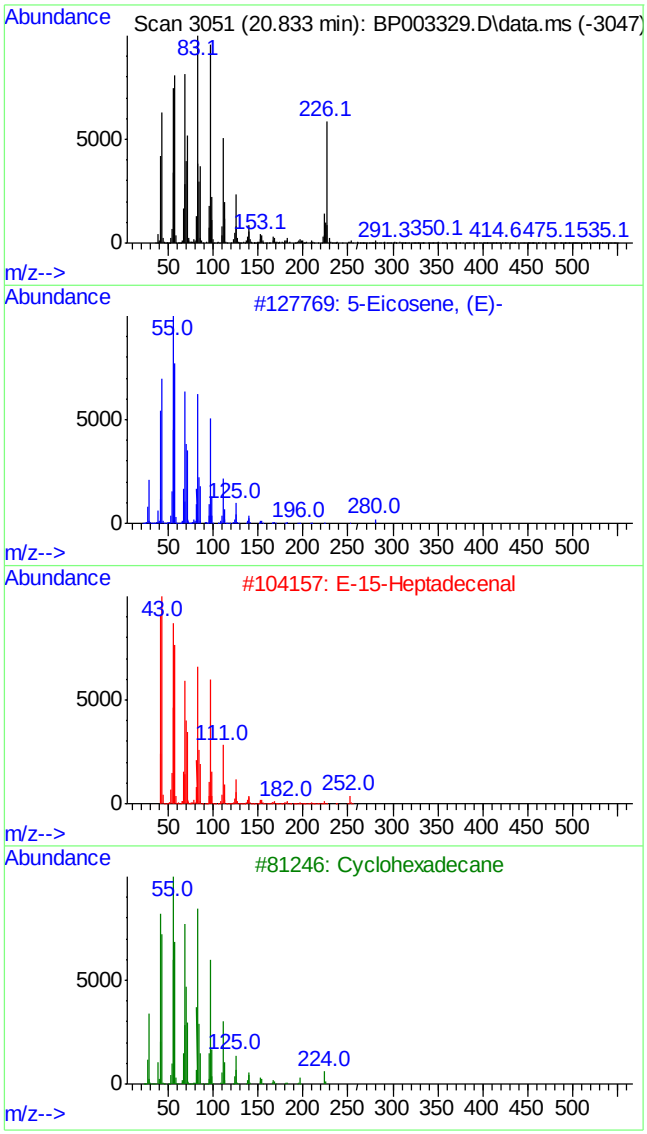
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

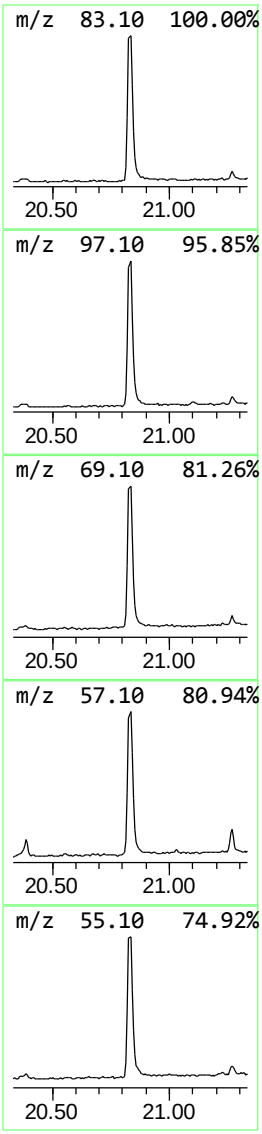
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 5-Eicosene, (E)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.833	8.70 ng	1206040	Chrysene-d12	21.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	97
3	Cyclohexadecane	224	C16H32	000295-65-8	94
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	90





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Data File : BP003329.D
Acq On : 18 Sep 2020 19:23
Operator : CG/JU
Sample : L3871-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-08-091720

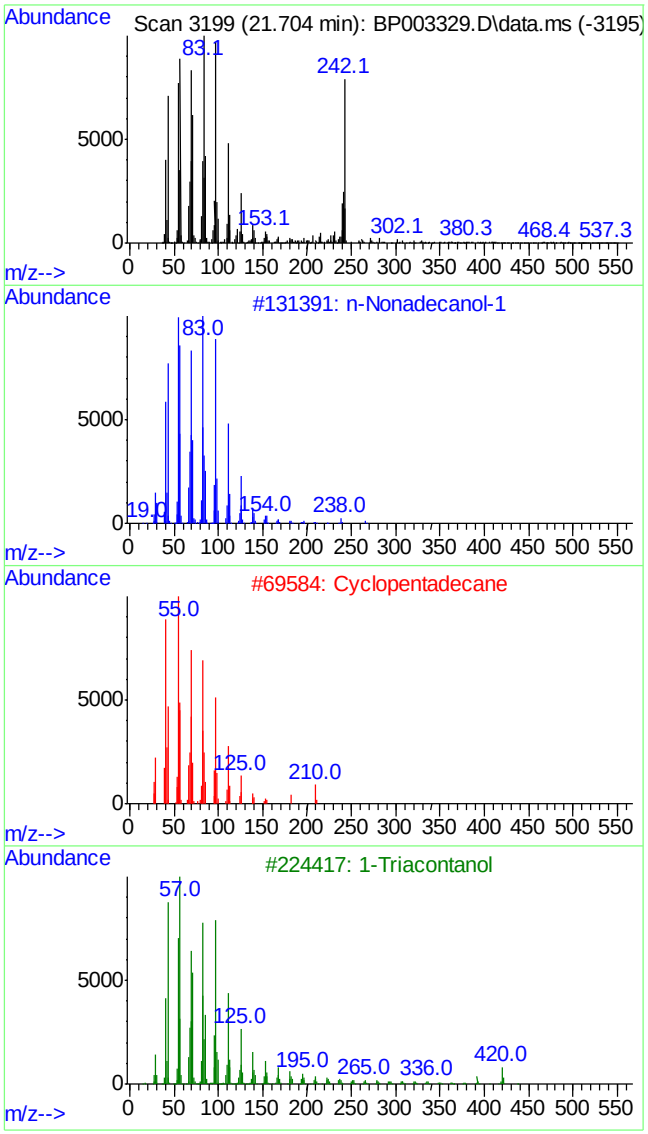
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

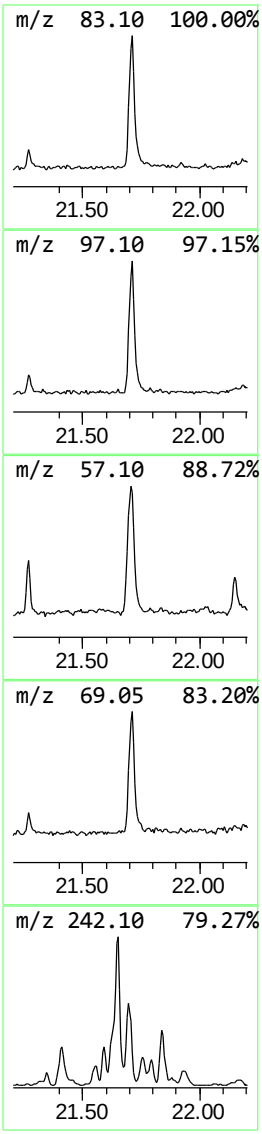
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 n-Nonadecanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.704	3.59 ng	498254	Chrysene-d12	21.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
2	Cyclopentadecane	210	C15H30	000295-48-7	92
3	1-Triacontanol	438	C30H62O	000593-50-0	90
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	89
5	1-Heptacosanol	396	C27H56O	002004-39-9	89





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Data File : BP003329.D
Acq On : 18 Sep 2020 19:23
Operator : CG/JU
Sample : L3871-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-08-091720

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

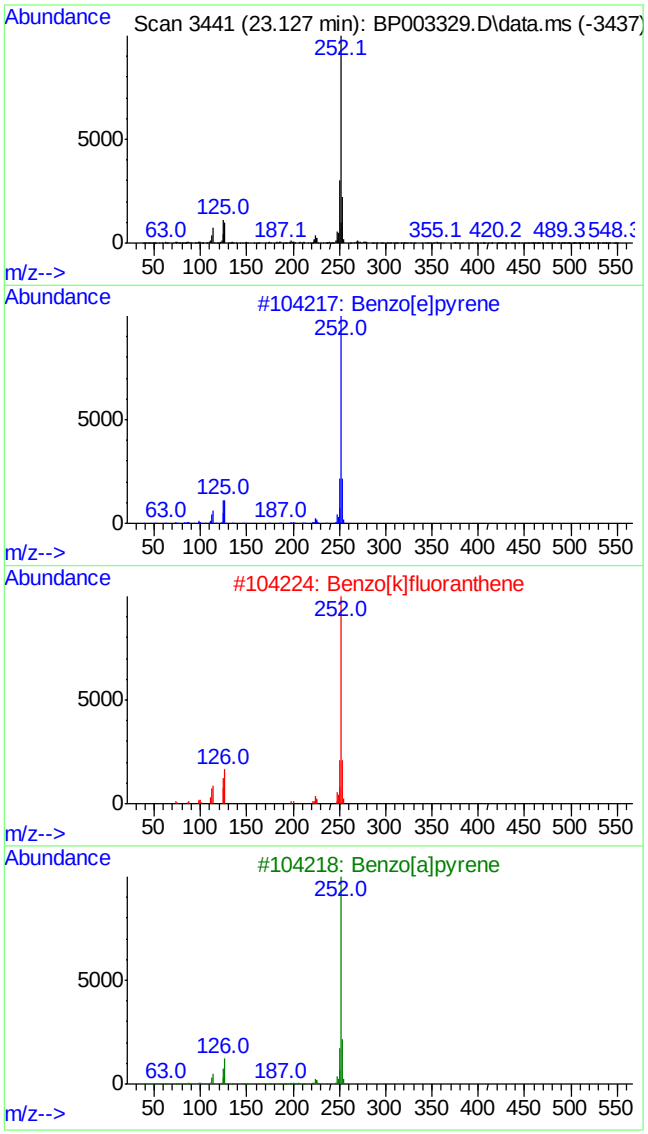
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

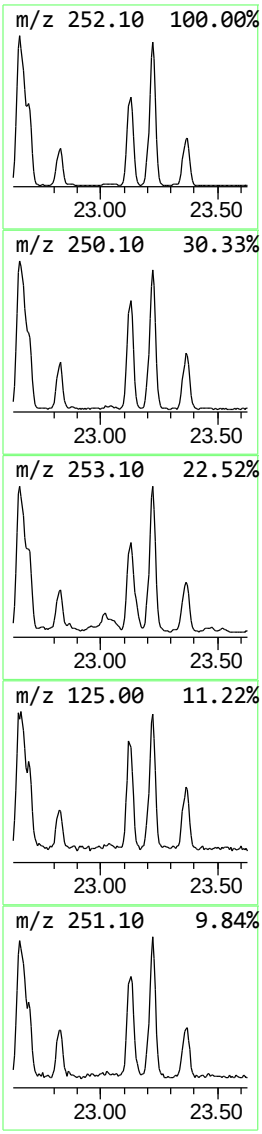
****

Peak Number 12 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.127	5.58 ng	462414	Perylene-d12	23.321

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	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Perylene	252	C20H12	000198-55-0	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
Data File : BP003329.D
Acq On : 18 Sep 2020 19:23
Operator : CG/JU
Sample : L3871-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-08-091720

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.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
Ethanol, 2-(2-e...	7.210	2.1	ng	108237	1	7.599	1019750	20.0
Phenanthrene, 2...	17.927	3.0	ng	329231	4	17.004	2201800	20.0
4H-Cyclopenta[d...	18.069	5.2	ng	567764	4	17.004	2201800	20.0
Phenanthrene, 2...	18.775	2.0	ng	221420	4	17.004	2201800	20.0
11H-Benzo[b]flu...	19.869	3.0	ng	411348	5	21.104	2773390	20.0
11H-Benzo[a]flu...	19.963	2.1	ng	296523	5	21.104	2773390	20.0
5-Eicosene, (E)-	20.833	8.7	ng	1206040	5	21.104	2773390	20.0
n-Nonadecanol-1	21.704	3.6	ng	498254	5	21.104	2773390	20.0
Benzo[e]pyrene	23.127	5.6	ng	462414	6	23.321	1658310	20.0