LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054821.D
Acq On : 1 Sep 2022 14:04
Operator : CG/JU
Sample : N4433-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP-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_G\Methods\8270-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054821.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.209	319	327	336	rBV	68906	106380	4.63%	0.546%
2	5.685	401	408	421	rBV	494371	805083	35.00%	4.135%
3	7.295	674	682	694	rBV	507372	883130	38.40%	4.536%
4	8.147	818	827	834	rBV	127559	220408	9.58%	1.132%
5	9.316	1017	1026	1038	rBV	296047	549297	23.88%	2.821%
6	10.973	1300	1308	1314	rBV	178834	337326	14.67%	1.733%
7	13.405	1714	1722	1731	rBV	914246	1448415	62.98%	7.439%
8	14.780	1947	1956	1962	rBV	319483	506731	22.03%	2.603%
9	14.839	1962	1966	1974	rVB	49769	79356	3.45%	0.408%
10	15.174	2018	2023	2032	rVB	22499	33623	1.46%	0.173%
11	15.820	2127	2133	2143	rVB2	40605	65279	2.84%	0.335%
12	16.261	2202	2208	2221	rBV	723374	1166188	50.70%	5.990%
13	17.177	2358	2364	2371	rVB	17376	27633	1.20%	0.142%
14	17.342	2388	2392	2399	rVB	19917	28176	1.23%	0.145%
15	17.524	2415	2423	2427	rBV	413466	662569	28.81%	3.403%
16	17.565	2427	2430	2437	rVV	473270	684769	29.77%	3.517%
17	17.659	2437	2446	2452	rVV	103777	174518	7.59%	0.896%
18	17.923	2481	2491	2499	rBV2	46531	90106	3.92%	0.463%
19	18.399	2567	2572	2576	rBV	45078	62455	2.72%	0.321%
20	18.446	2576	2580	2587	rVB2	61046	96801	4.21%	0.497%
21	18.529	2587	2594	2598	rBV	24673	40265	1.75%	0.207%
22	18.599	2598	2606	2609	rVV3	82254	150848	6.56%	0.775%
23	18.628	2609	2611	2616	rVB	32363	37678	1.64%	0.194%
24	18.893	2652	2656	2659	rBV	39040	51333	2.23%	0.264%
25	18.934	2659	2663	2669	rVB	36988	53666	2.33%	0.276%
26	19.304	2721	2726	2731	rBV	24774	41118	1.79%	0.211%
27	19.445	2746	2750	2758	rVB2	27161	45901	2.00%	0.236%
28	19.574	2765	2772	2778	rBV	770475	1114279	48.45%	5.723%
29	19.668	2783	2788	2792	rVB2	18201	25425	1.11%	0.131%
30	19.815	2809	2813	2821	rVV2	25385	49342	2.15%	0.253%
31	19.903	2821	2828	2829	rVV2	130278	196926	8.56%	1.011%
32	19.933	2829	2833	2840	rVV	645481	974574	42.37%	5.006%
33	19.997	2840	2844	2851	rVB2	26538	45062	1.96%	0.231%
34	20.121	2859	2865	2871	rBV	1686141	2299969	100.00%	11.813%
35	20.174	2871	2874	2880	rVB	26674	41369	1.80%	0.212%
36	20.244	2881	2886	2893	rBV3	35873	90907	3.95%	0.467%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054821.D
Acq On : 1 Sep 2022 14:04
Operator : CG/JU
Sample : N4433-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EP-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_G\Methods\8270-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.420	2912	2916	2921	rVB	87277	138403	6.02%	0.711%
38	20.520	2928	2933	2937	rBV	55318	86552	3.76%	0.445%
39	20.579	2937	2943	2947	rVV2	46803	88473	3.85%	0.454%
40	20.614	2947	2949	2953	rVB	22714	23816	1.04%	0.122%
41	20.720	2963	2967	2970	rBV	28132	38415	1.67%	0.197%
42	20.767	2971	2975	2978	rBV2	28278	38140	1.66%	0.196%
43	20.908	2997	2999	3003	rVB2	25402	24248	1.05%	0.125%
44	21.196	3043	3048	3053	rVB	38412	63935	2.78%	0.328%
45	21.384	3072	3080	3083	rBV2	46378	96816	4.21%	0.497%
46	21.425	3083	3087	3092	rVV2	159638	251421	10.93%	1.291%
47	21.478	3092	3096	3101	rVV2	61570	125114	5.44%	0.643%
48	21.537	3101	3106	3115	rVB2	50974	100979	4.39%	0.519%
49	21.678	3126	3130	3136	rVB2	25934	39726	1.73%	0.204%
50	21.813	3144	3153	3158	rBV2	483296	1307250	56.84%	6.714%
51	21.866	3158	3162	3174	rVB	264384	479721	20.86%	2.464%
52	22.024	3181	3189	3197	rVB2	61947	138315	6.01%	0.710%
53	22.242	3220	3226	3232	rBV5	34775	70320	3.06%	0.361%
54	22.641	3289	3294	3301	rVB3	34374	84538	3.68%	0.434%
55	22.859	3327	3331	3335	rBV2	19830	33172	1.44%	0.170%
56	23.346	3410	3414	3424	rVB3	24481	49942	2.17%	0.257%
57	24.110	3535	3544	3552	rBV	180795	651395	28.32%	3.346%
58	24.375	3583	3589	3597	rBV	34265	83395	3.63%	0.428%
59	24.868	3665	3673	3687	rVB3	107914	324584	14.11%	1.667%
60	25.021	3690	3699	3712	rVV	158141	485194	21.10%	2.492%
61	25.185	3717	3727	3735	rBV2	246031	724019	31.48%	3.719%
62	29.057	4373	4386	4406	rVB3	69421	366703	15.94%	1.883%
63	30.268	4580	4592	4606	rVB3	54873	267830	11.64%	1.376%

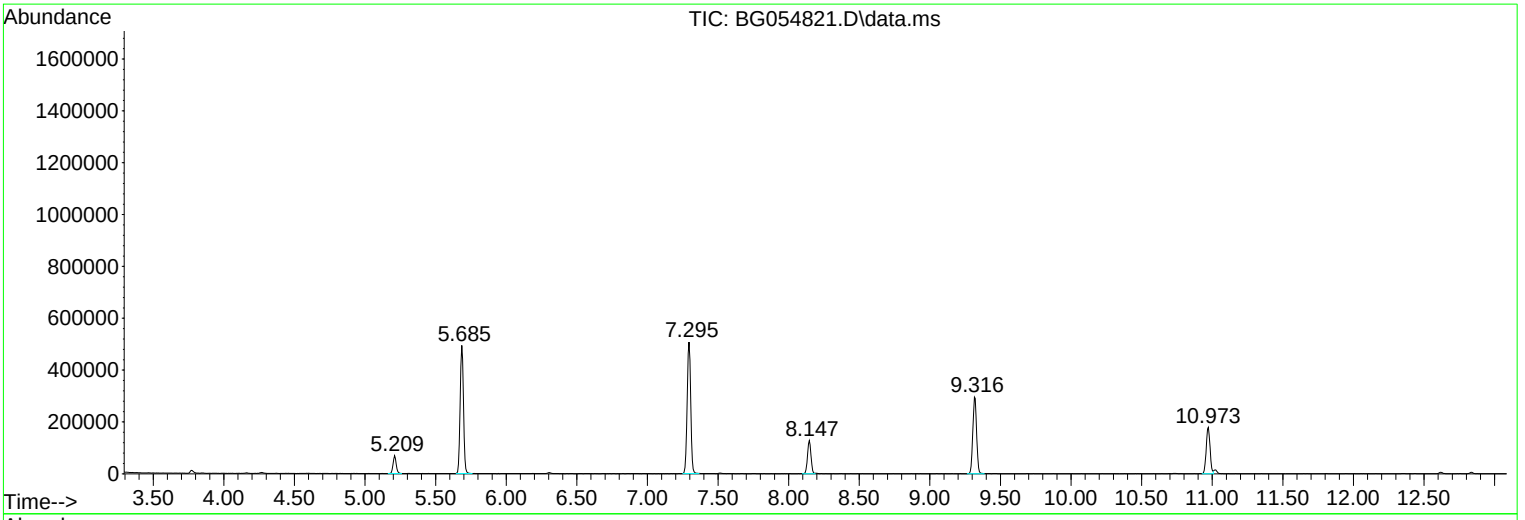
Sum of corrected areas: 19469321

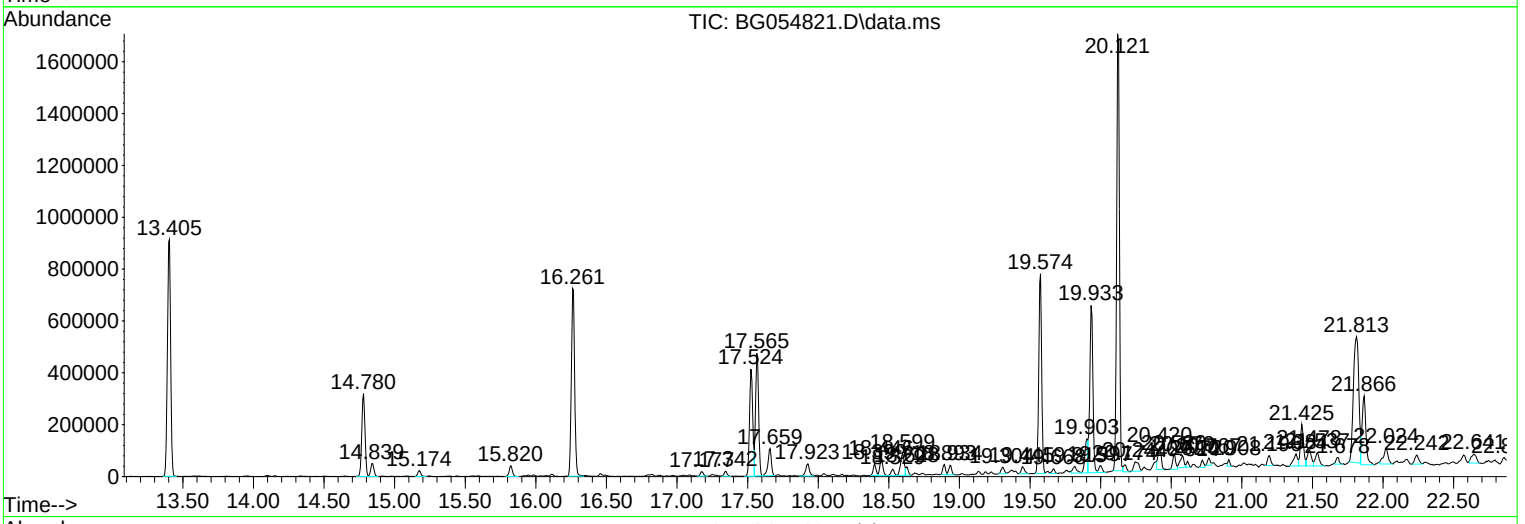
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054821.D
Acq On : 1 Sep 2022 14:04
Operator : CG/JU
Sample : N4433-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

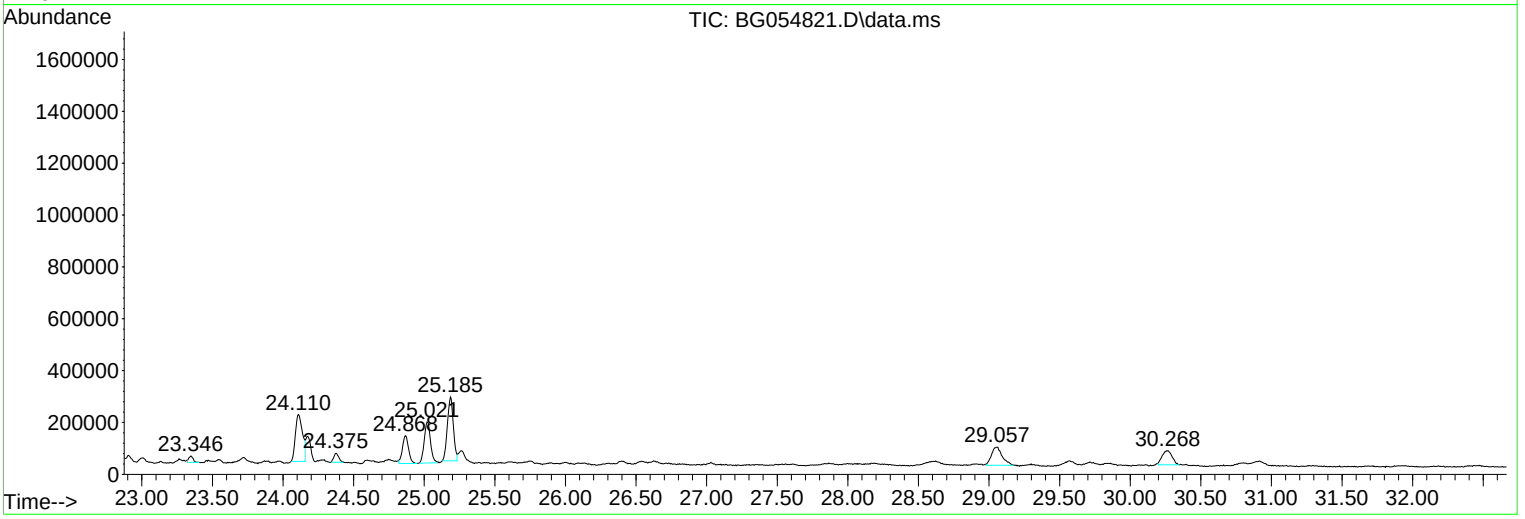
Instrument :
BNA_G
ClientSampleId :
EP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054821.D
Acq On : 1 Sep 2022 14:04
Operator : CG/JU
Sample : N4433-02
Misc :
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Instrument :
BNA_G
ClientSampleId :
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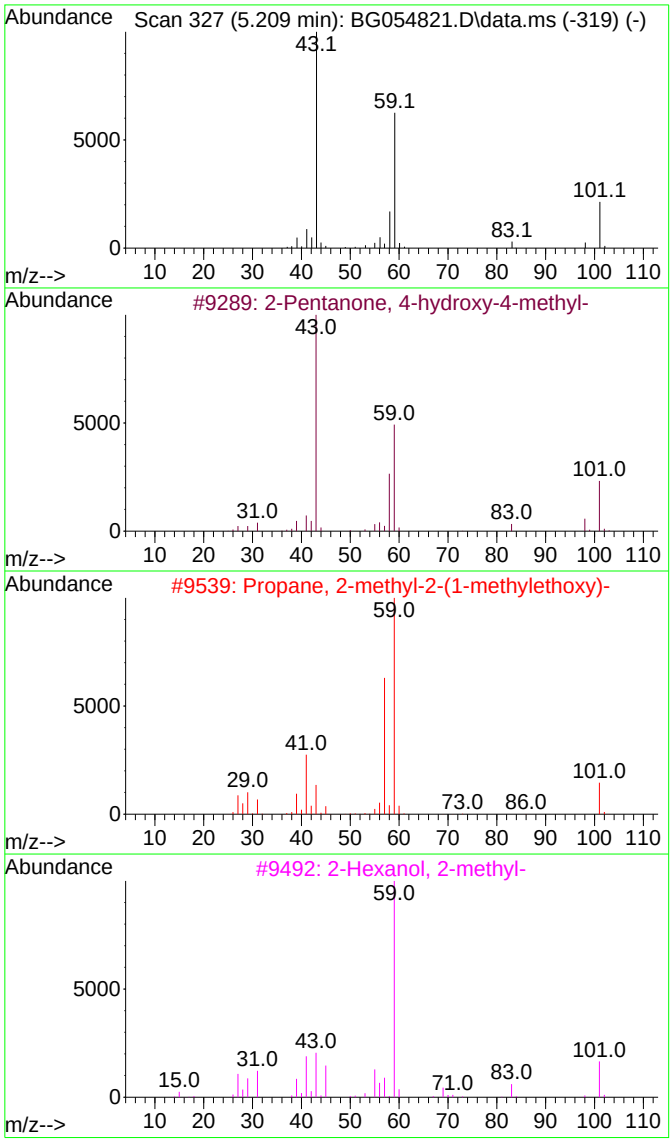
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

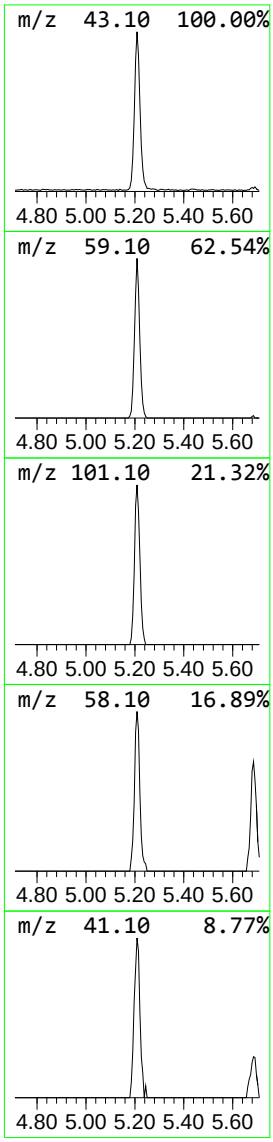
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.209	9.65 ng	106380	1,4-Dichlorobenzene-d4	8.147

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054821.D
Acq On : 1 Sep 2022 14:04
Operator : CG/JU
Sample : N4433-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

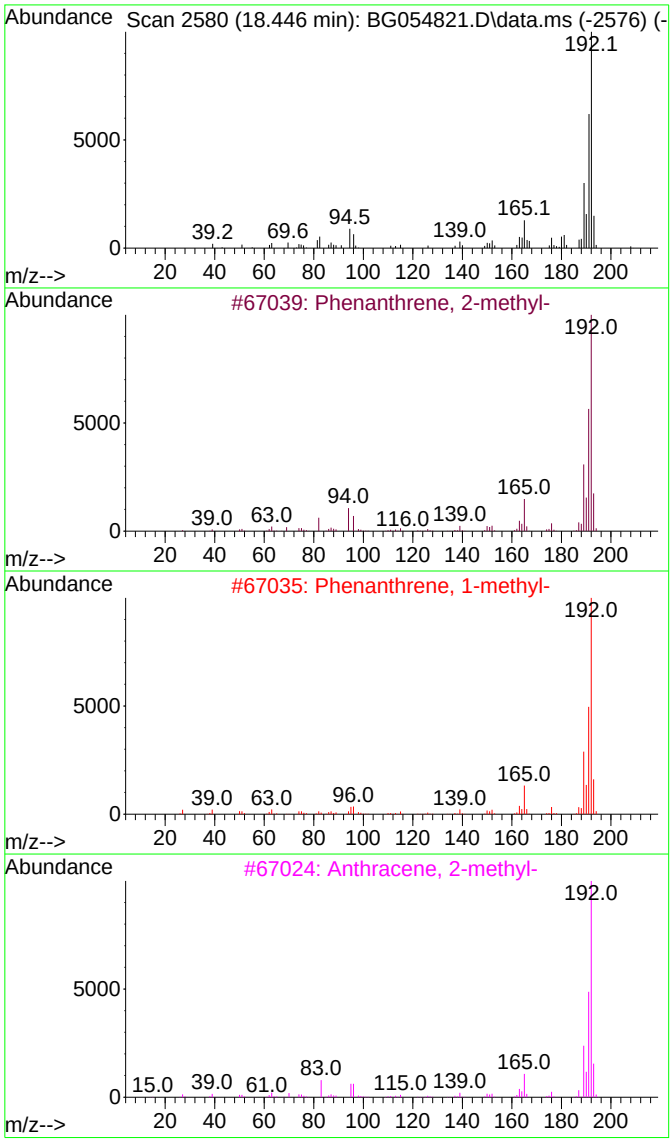
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

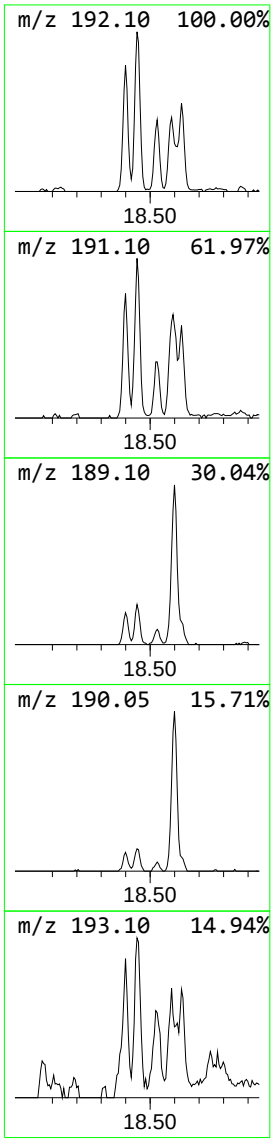
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.446	2.92 ng	96801	Phenanthrene-d10	17.524

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	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054821.D
Acq On : 1 Sep 2022 14:04
Operator : CG/JU
Sample : N4433-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EP-2

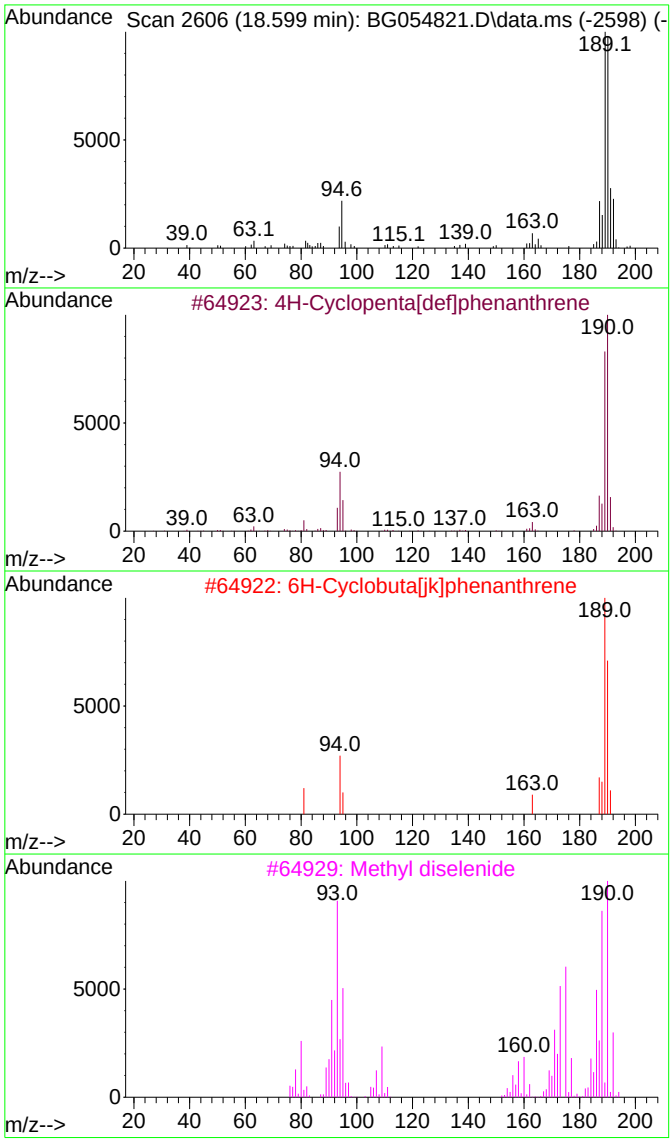
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

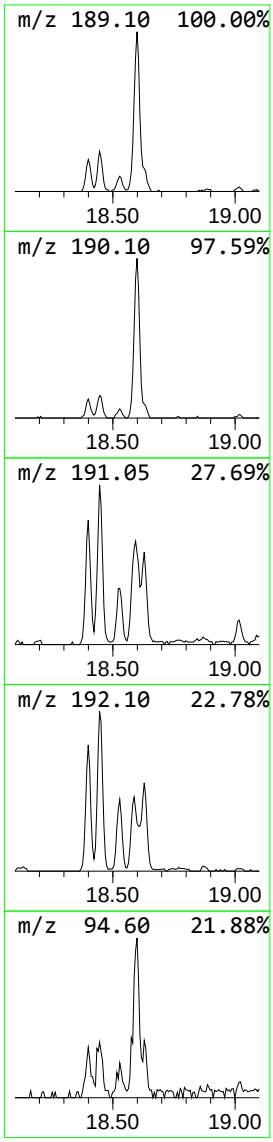
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.599	4.55 ng	150848	Phenanthrene-d10	17.524

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	Methyl diselenide	190	C2H6Se2	007101-31-7	46
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054821.D
Acq On : 1 Sep 2022 14:04
Operator : CG/JU
Sample : N4433-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

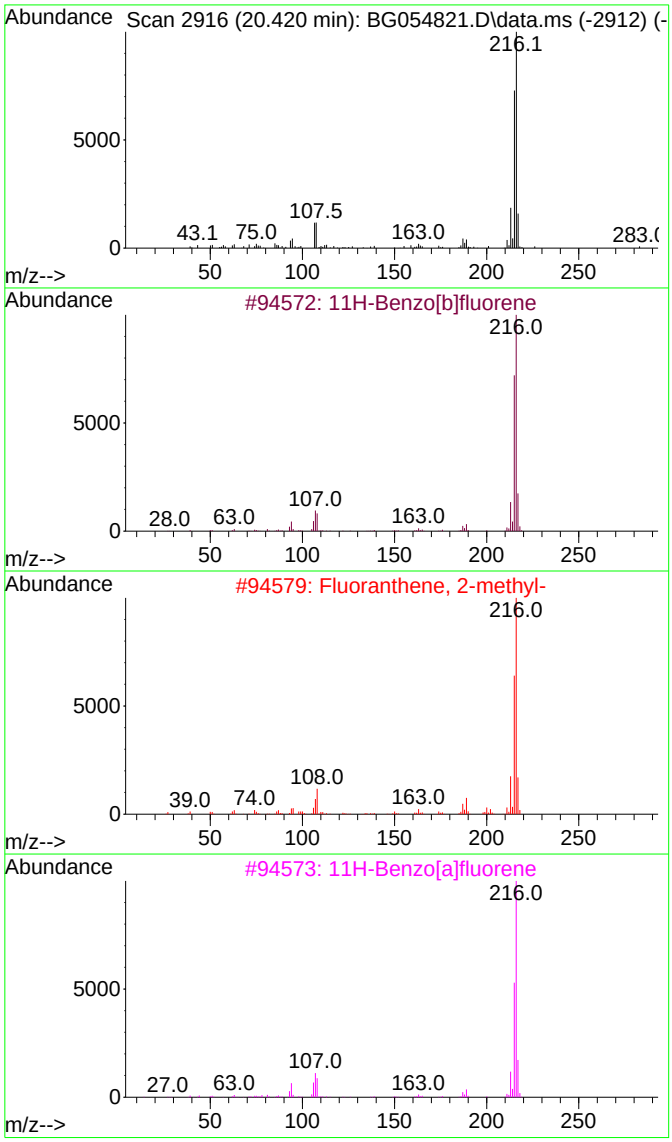
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

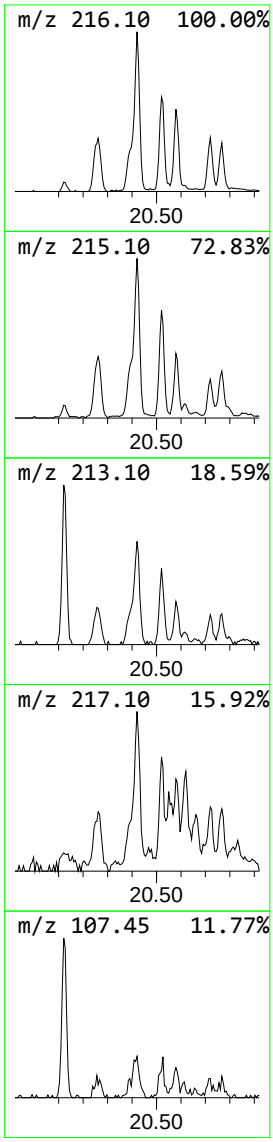
****

Peak Number 4 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.420	2.12 ng	138403	Chrysene-d12	21.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054821.D
Acq On : 1 Sep 2022 14:04
Operator : CG/JU
Sample : N4433-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EP-2

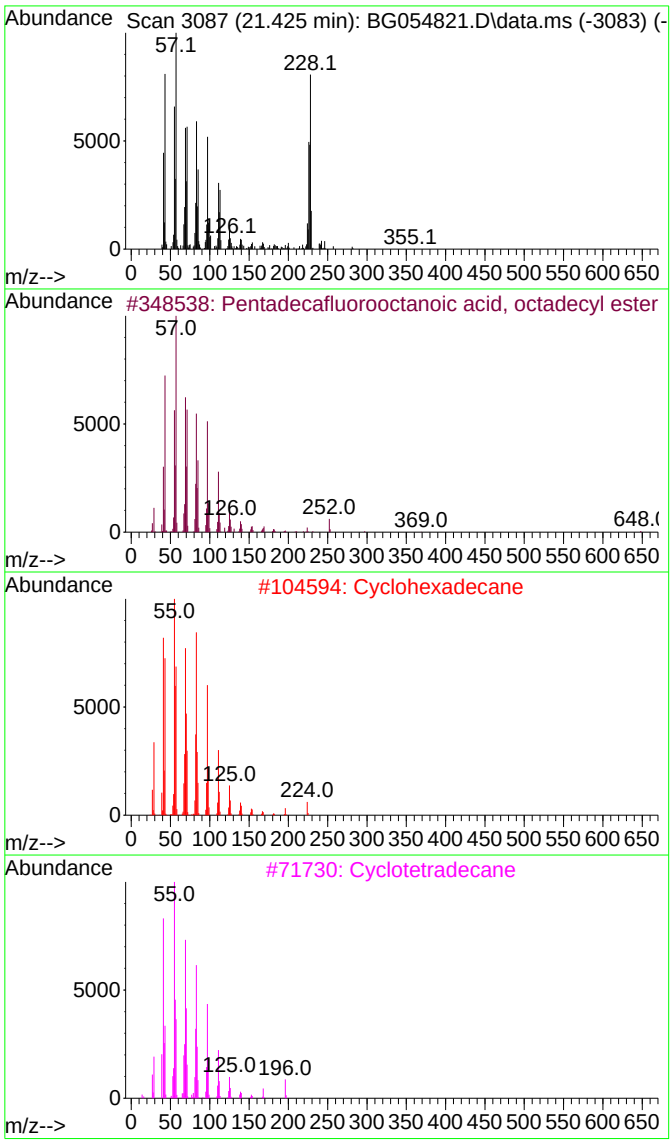
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

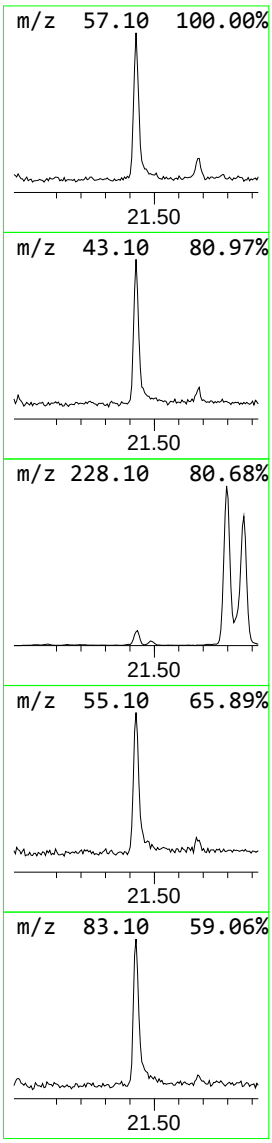
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentadecafluorooctanoic aci... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.425	3.85 ng	251421	Chrysene-d12	21.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	81
2	Cyclohexadecane	224	C16H32	000295-65-8	80
3	Cyclotetradecane	196	C14H28	000295-17-0	58
4	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	55
5	Trichloroacetic acid, 4-hexadecy...	386	C18H33Cl3O2	1000282-92-4	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054821.D
Acq On : 1 Sep 2022 14:04
Operator : CG/JU
Sample : N4433-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EP-2

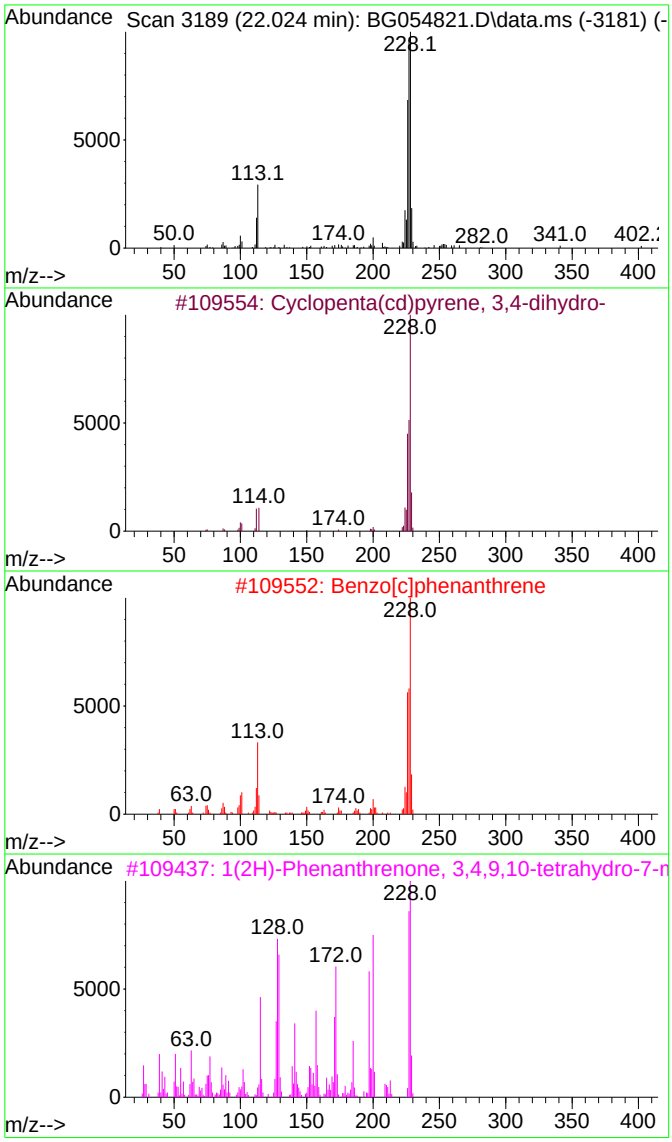
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

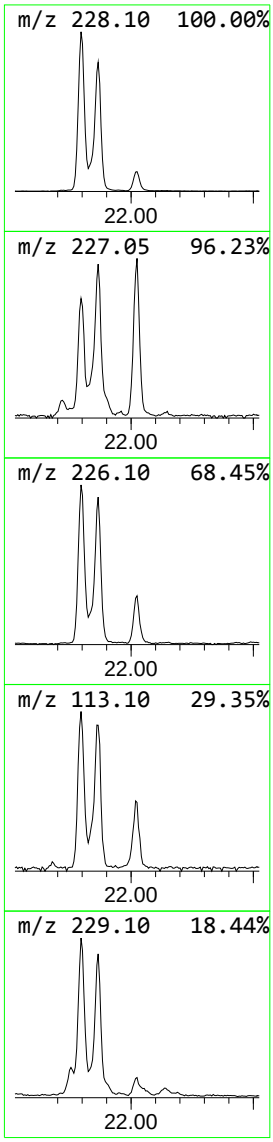
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.024	2.12 ng	138315	Chrysene-d12	21.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	90
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	52
3	1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	50
4	Benz[a]anthracene	228	C18H12	000056-55-3	45
5	Triphenylene	228	C18H12	000217-59-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054821.D
Acq On : 1 Sep 2022 14:04
Operator : CG/JU
Sample : N4433-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

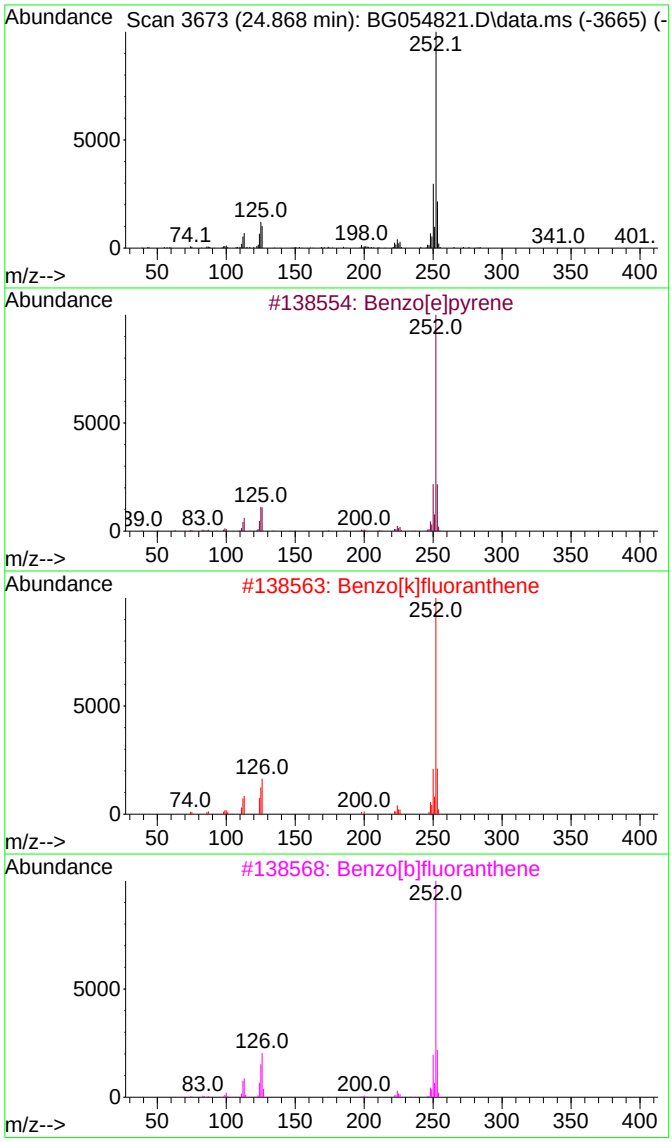
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

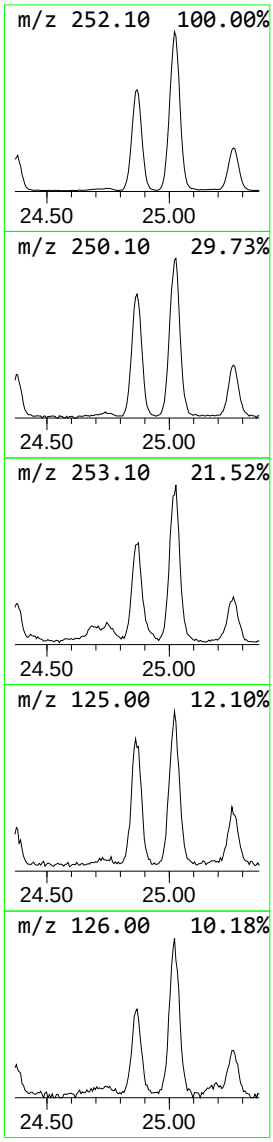
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.868	8.97 ng	324584	Perylene-d12	25.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054821.D
Acq On : 1 Sep 2022 14:04
Operator : CG/JU
Sample : N4433-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.209	9.7	ng	106380	1	8.147	220408	20.0
Phenanthrene, 2...	18.446	2.9	ng	96801	4	17.524	662569	20.0
4H-Cyclopenta[d...	18.599	4.5	ng	150848	4	17.524	662569	20.0
11H-Benzo[b]flu...	20.420	2.1	ng	138403	5	21.819	1307250	20.0
Pentadecafluoro...	21.425	3.9	ng	251421	5	21.819	1307250	20.0
Cyclopenta(cd)p...	22.024	2.1	ng	138315	5	21.819	1307250	20.0
Benzo[e]pyrene	24.868	9.0	ng	324584	6	25.185	724019	20.0