LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034319.D
Acq On : 22 Mar 2022 20:39
Operator : CG/JU
Sample : N1977-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-14-20220315-15.0-16.0

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_M\Methods\8270-BM031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM034319.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.084	138	144	151	rBV	156467	217208	4.53%	0.342%
2	5.019	295	303	308	rBV2	34164	52622	1.10%	0.083%
3	5.431	366	373	377	rBV	102540	150837	3.15%	0.237%
4	5.490	377	383	391	rBV	2186223	3138732	65.53%	4.937%
5	5.913	447	455	468	rBV2	76313	172581	3.60%	0.271%
6	7.096	648	656	665	rBV	2103049	3302546	68.95%	5.194%
7	7.590	733	740	749	rVB4	46154	94522	1.97%	0.149%
8	7.937	792	799	808	rBV	624284	980435	20.47%	1.542%
9	8.078	816	823	828	rBV2	26123	53518	1.12%	0.084%
10	8.166	834	838	843	rVB	41375	65432	1.37%	0.103%
11	8.319	857	864	868	rBV	32880	55818	1.17%	0.088%
12	8.478	882	891	899	rBV	152693	256853	5.36%	0.404%
13	8.701	921	929	936	rBV	69852	125836	2.63%	0.198%
14	9.101	990	997	1008	rVB	1207325	2008271	41.93%	3.159%
15	10.160	1170	1177	1178	rBV3	59147	84222	1.76%	0.132%
16	10.748	1268	1277	1282	rBV	801126	1387338	28.96%	2.182%
17	10.801	1282	1286	1296	rVB	348495	584537	12.20%	0.919%
18	10.919	1302	1306	1312	rVB2	42360	72716	1.52%	0.114%
19	12.407	1551	1559	1568	rVB	64095	121384	2.53%	0.191%
20	12.625	1585	1596	1604	rBV2	148673	285622	5.96%	0.449%
21	13.207	1688	1695	1702	rVB	2812288	3977530	83.04%	6.256%
22	13.419	1725	1731	1736	rVB2	70980	109369	2.28%	0.172%
23	13.642	1765	1769	1776	rVB2	52495	88604	1.85%	0.139%
24	13.760	1781	1789	1794	rVV3	50021	115963	2.42%	0.182%
25	13.901	1808	1813	1818	rBV	72787	121482	2.54%	0.191%
26	14.136	1846	1853	1856	rBV	69981	120765	2.52%	0.190%
27	14.172	1856	1859	1864	rVB	77777	102201	2.13%	0.161%
28	14.301	1875	1881	1890	rBV	252141	415157	8.67%	0.653%
29	14.419	1896	1901	1908	rVB5	33793	63406	1.32%	0.100%
30	14.578	1921	1928	1934	rBV	1179156	1696998	35.43%	2.669%
31	14.642	1934	1939	1947	rVB	505352	736155	15.37%	1.158%
32	14.795	1960	1965	1973	rBV4	40162	87208	1.82%	0.137%
33	14.972	1991	1995	2003	rVB2	72887	135516	2.83%	0.213%
34	15.048	2003	2008	2012	rVB	45663	67976	1.42%	0.107%
35	15.142	2016	2024	2025	rBV2	66745	134615	2.81%	0.212%
36	15.342	2055	2058	2061	rBV3	38348	56708	1.18%	0.089%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034319.D
Acq On : 22 Mar 2022 20:39
Operator : CG/JU
Sample : N1977-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-14-20220315-15.0-16.0

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_M\Methods\8270-BM031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.442	2071	2075	2082	rVB2	66720	121140	2.53%	0.191%
38	15.619	2100	2105	2117	rVB2	116673	235988	4.93%	0.371%
39	15.713	2117	2121	2124	rBV	91845	142805	2.98%	0.225%
40	15.748	2124	2127	2130	rVB2	76616	95722	2.00%	0.151%
41	15.836	2137	2142	2146	rBV2	124358	183117	3.82%	0.288%
42	15.919	2151	2156	2162	rVB3	51103	104301	2.18%	0.164%
43	16.060	2174	2180	2189	rVB	2433578	3387501	70.72%	5.328%
44	16.295	2215	2220	2228	rVB3	95257	198298	4.14%	0.312%
45	16.624	2269	2276	2281	rBV5	61265	145823	3.04%	0.229%
46	16.672	2282	2284	2290	rBV6	31453	64282	1.34%	0.101%
47	16.777	2298	2302	2306	rVB	63866	92397	1.93%	0.145%
48	17.136	2359	2363	2372	rVB2	118077	195745	4.09%	0.308%
49	17.319	2388	2394	2398	rBV	1307409	1908592	39.85%	3.002%
50	17.360	2398	2401	2407	rVB	599845	771271	16.10%	1.213%
51	17.448	2412	2416	2421	rVB	203520	288676	6.03%	0.454%
52	17.901	2490	2493	2496	rBV	70310	84412	1.76%	0.133%
53	18.213	2540	2546	2549	rBV2	257952	522539	10.91%	0.822%
54	18.324	2562	2565	2569	rBV	92752	132164	2.76%	0.208%
55	18.389	2571	2576	2580	rBV2	360107	632148	13.20%	0.994%
56	18.518	2595	2598	2603	rBV4	91866	148937	3.11%	0.234%
57	18.801	2642	2646	2654	rBV4	179304	299049	6.24%	0.470%
58	19.118	2696	2700	2703	rBV	217026	343212	7.17%	0.540%
59	19.377	2739	2744	2750	rBV	1976205	2591451	54.10%	4.076%
60	19.430	2751	2753	2757	rVB2	216623	265366	5.54%	0.417%
61	19.518	2766	2768	2773	rVB	163889	196753	4.11%	0.309%
62	19.736	2796	2805	2814	rBV	2708540	4276225	89.28%	6.726%
63	19.936	2834	2839	2843	rBV	4068432	4711752	98.37%	7.411%
64	20.054	2856	2859	2867	rBV2	197404	434356	9.07%	0.683%
65	20.154	2871	2876	2880	rBV	1265425	1621566	33.85%	2.550%
66	20.224	2885	2888	2897	rVB2	527299	825263	17.23%	1.298%
67	20.330	2903	2906	2909	rVB	363833	401058	8.37%	0.631%
68	20.383	2913	2915	2920	rVB	326592	421255	8.79%	0.663%
69	20.524	2937	2939	2943	rVB2	208905	200713	4.19%	0.316%
70	21.177	3047	3050	3052	rBV	335192	386081	8.06%	0.607%
71	21.406	3085	3089	3092	rVB	1009533	1191756	24.88%	1.874%
72	21.483	3097	3102	3107	rVV2	2303867	4789828	100.00%	7.533%
73	21.530	3107	3110	3121	rVB	1422711	1928921	40.27%	3.034%
74	23.171	3384	3389	3395	rBV	988943	2404086	50.19%	3.781%
75	23.695	3473	3478	3488	rVB	769517	1602374	33.45%	2.520%
76	23.800	3490	3496	3503	rVV	1117812	2302120	48.06%	3.621%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034319.D
Acq On : 22 Mar 2022 20:39
Operator : CG/JU
Sample : N1977-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-14-20220315-15.0-16.0

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_M\Methods\8270-BM031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	23.906	3509	3514	3520	rVB2	946256	1691392	35.31%	2.660%

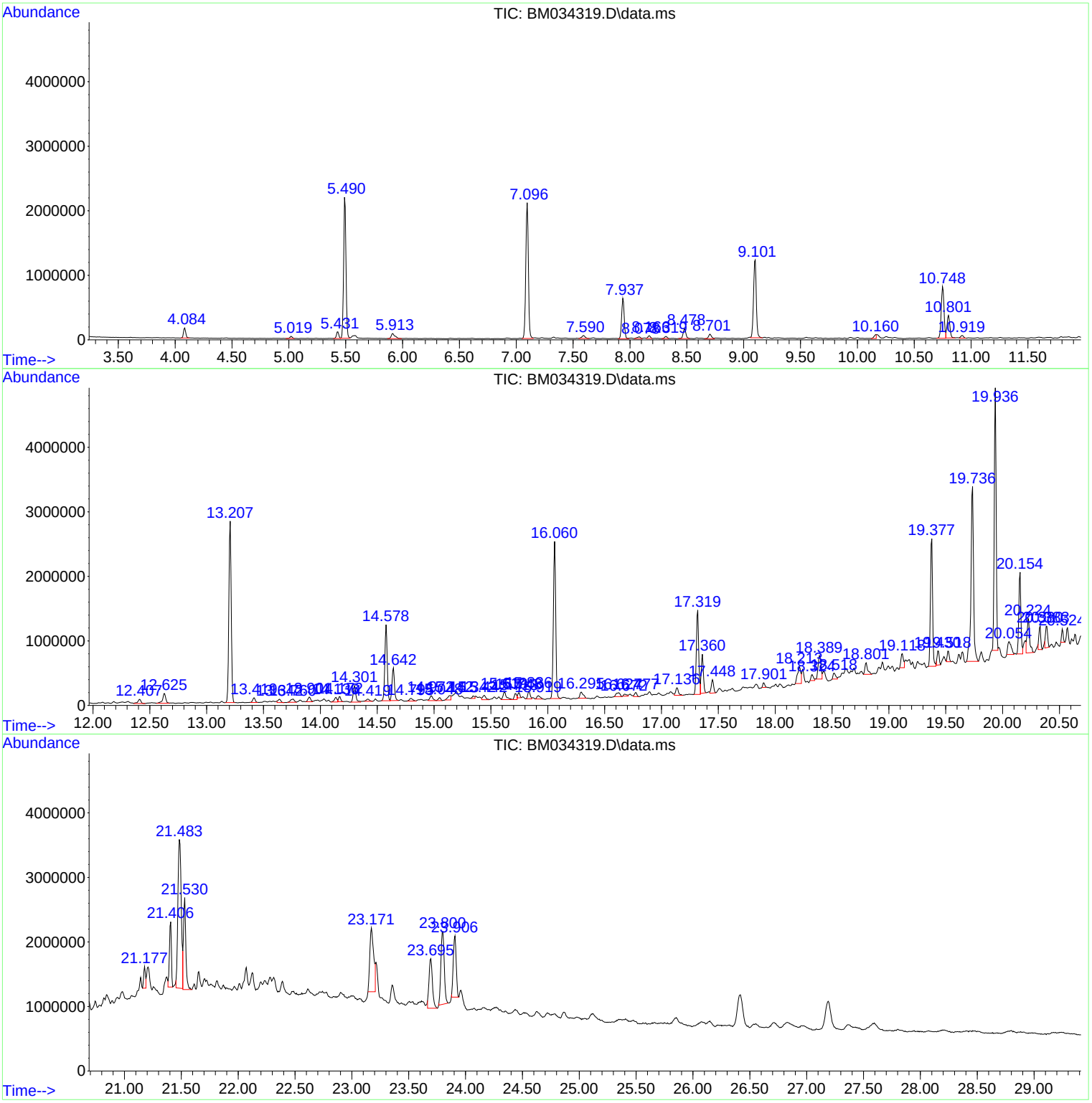
Sum of corrected areas: 63581118

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034319.D
Acq On : 22 Mar 2022 20:39
Operator : CG/JU
Sample : N1977-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-14-20220315-15.0-16.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.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_M\Data\BM032222\
Data File : BM034319.D
Acq On : 22 Mar 2022 20:39
Operator : CG/JU
Sample : N1977-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-14-20220315-15.0-16.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

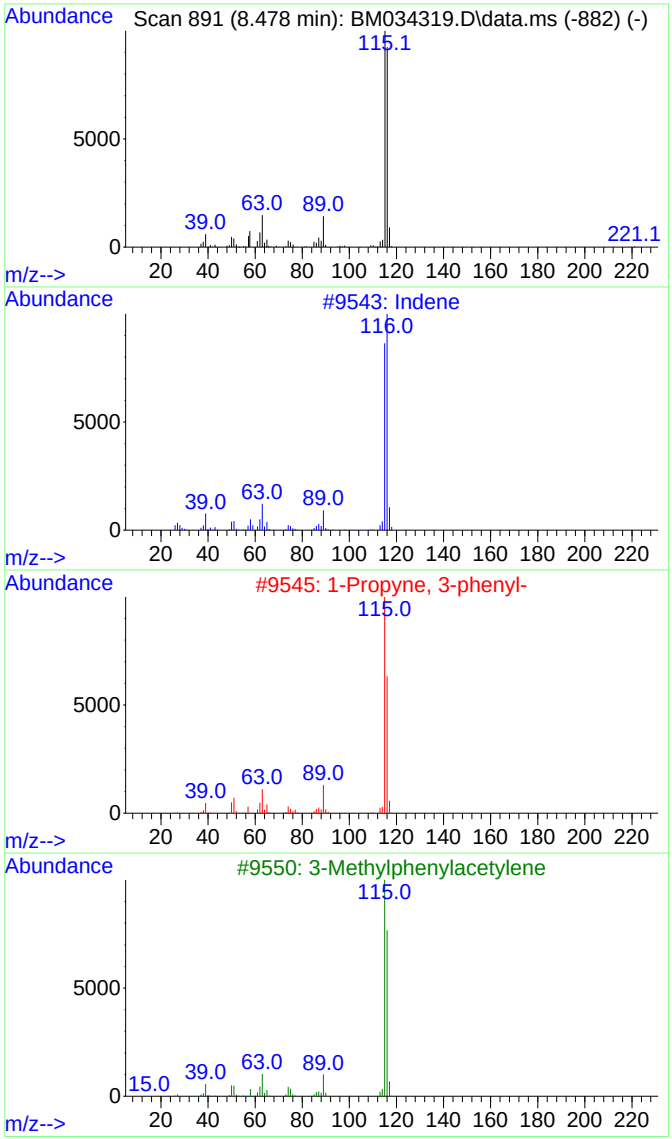
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

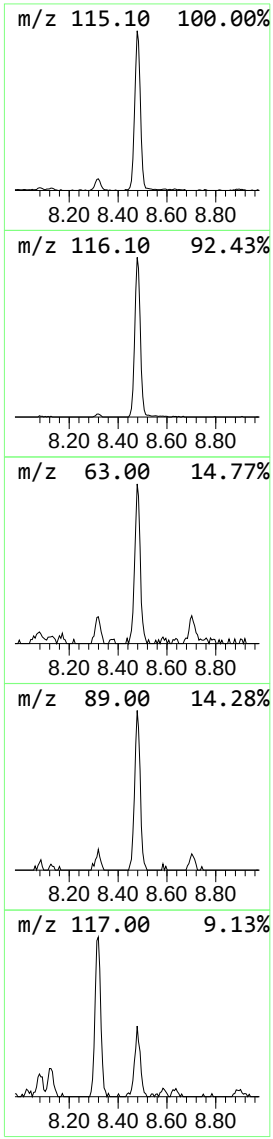
****

Peak Number 4 Indene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.478	5.24 ng	256853	1,4-Dichlorobenzene-d4	7.937

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034319.D
Acq On : 22 Mar 2022 20:39
Operator : CG/JU
Sample : N1977-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-14-20220315-15.0-16.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

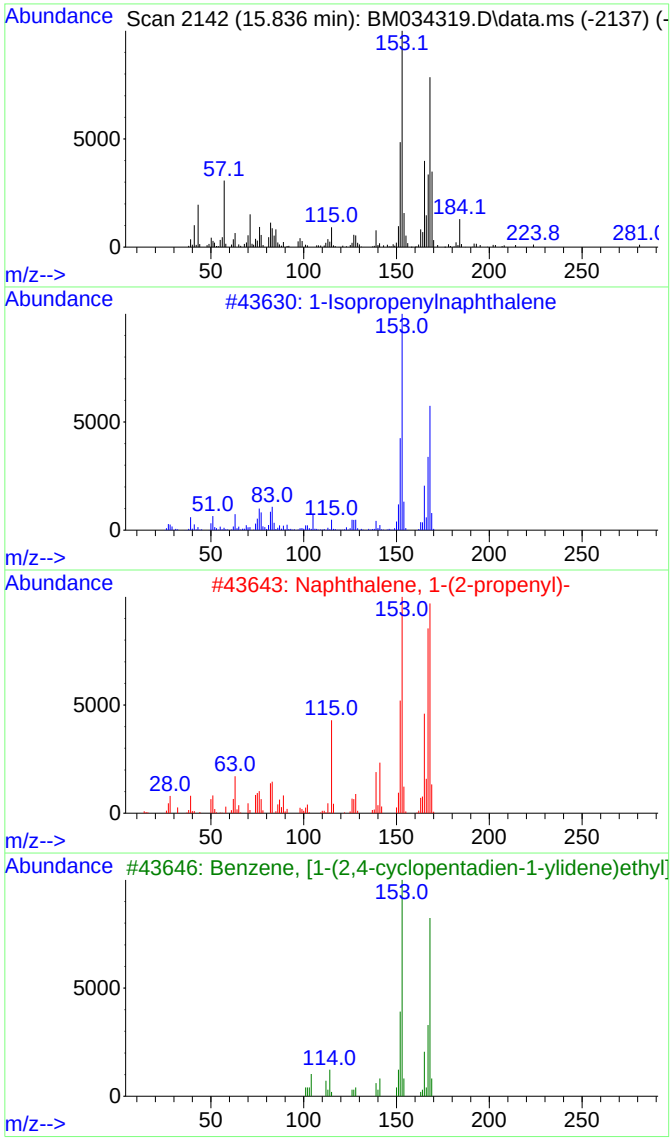
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

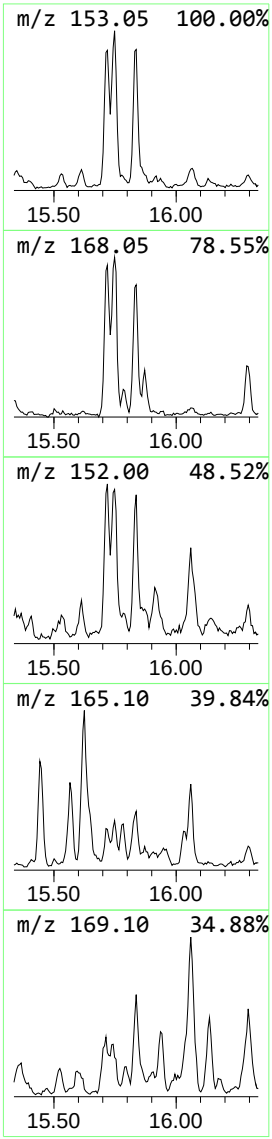
****

Peak Number 6 1-Isopropenylnaphthalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.836	2.16 ng	183117	Acenaphthene-d10	14.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	76
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
3	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	64
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	49
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034319.D
Acq On : 22 Mar 2022 20:39
Operator : CG/JU
Sample : N1977-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-14-20220315-15.0-16.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

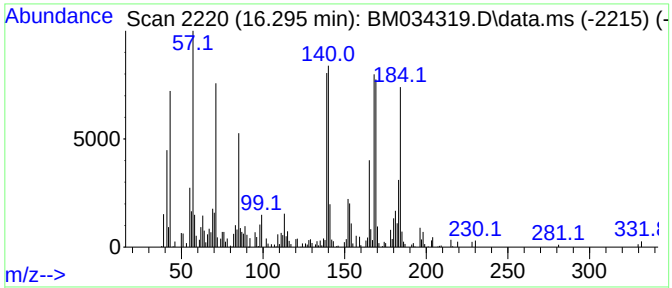
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

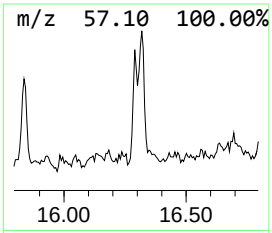
****

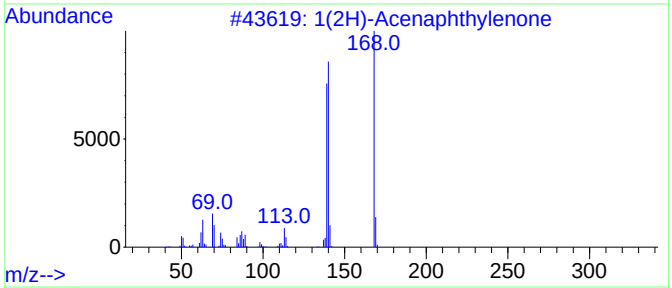
Peak Number 7 unknown16.295 Concentration Rank 15

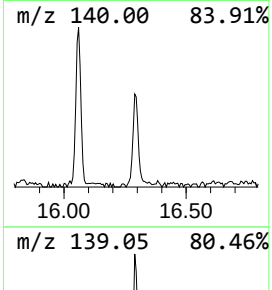
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.295	2.08 ng	198298	Phenanthrene-d10	17.319

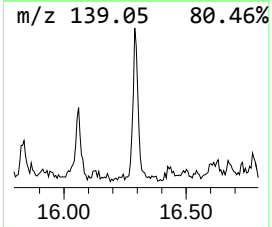
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	42
2	2,4,6(1H,3H,5H)-Pyrimidinetrione...	184	C8H12N2O3	007391-61-9	35
3	Tridecane	184	C13H28	000629-50-5	35
4	4-Dimethylamino-3-dimethylaminom...	184	C9H16N2O2	1000427-46-3	30
5	Tetradecane	198	C14H30	000629-59-4	25

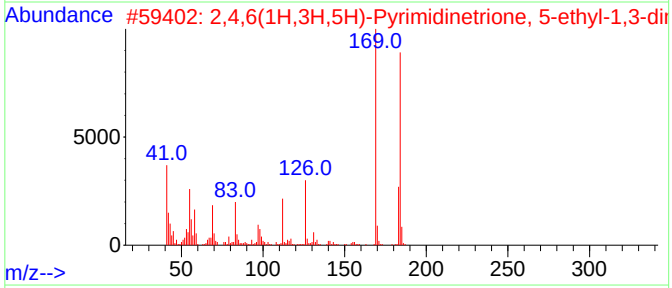


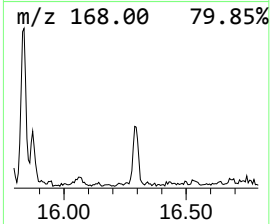


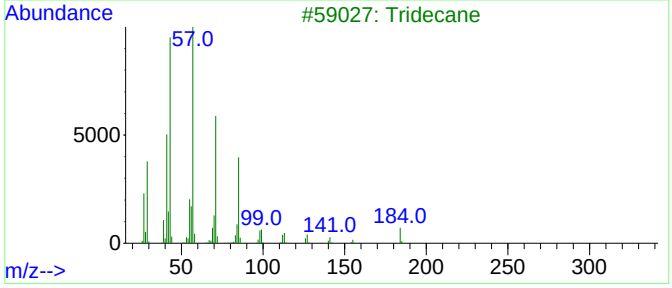


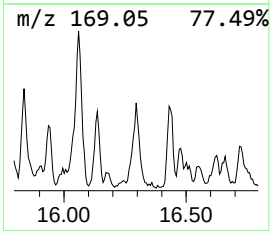












Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034319.D
Acq On : 22 Mar 2022 20:39
Operator : CG/JU
Sample : N1977-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-14-20220315-15.0-16.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

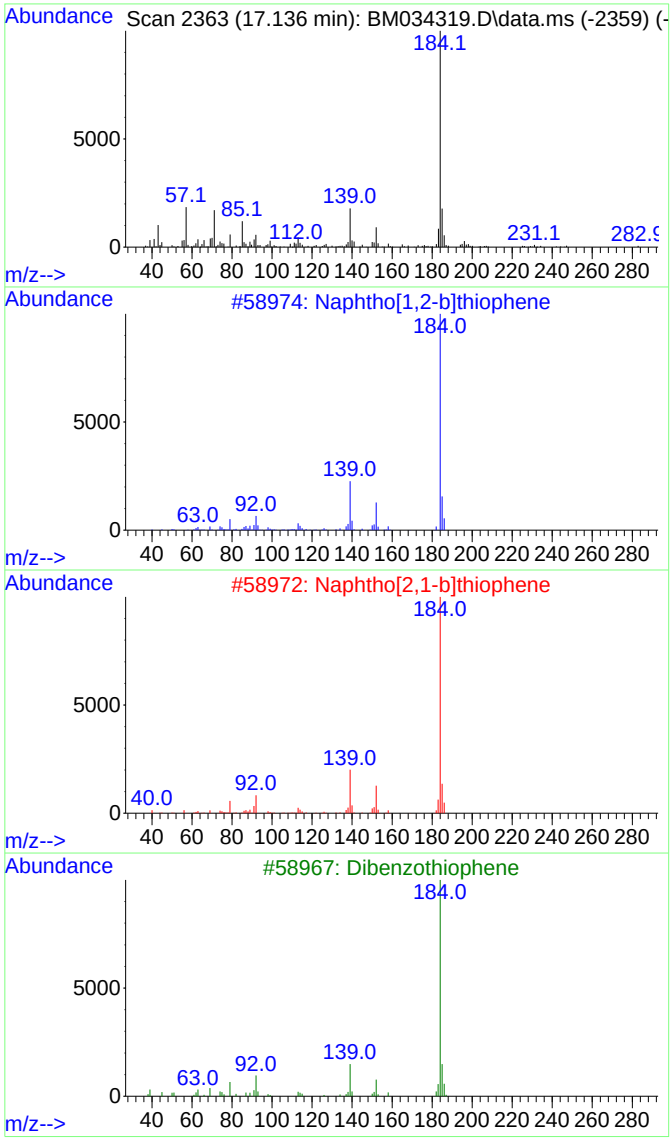
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

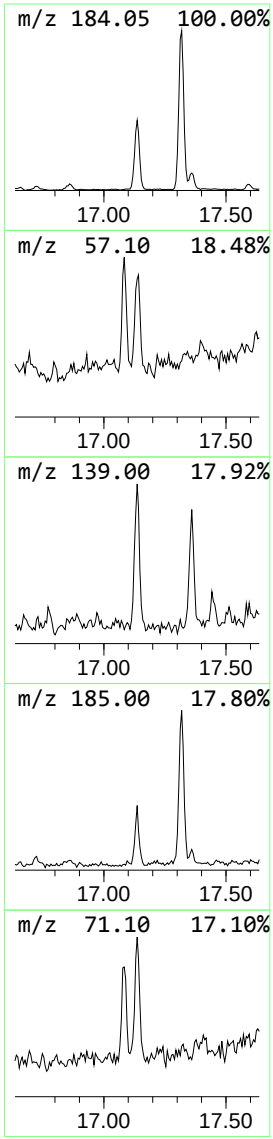
****

Peak Number 8 Naphtho[1,2-b]thiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.136	2.05 ng	195745	Phenanthrene-d10	17.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	91
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034319.D
Acq On : 22 Mar 2022 20:39
Operator : CG/JU
Sample : N1977-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-14-20220315-15.0-16.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

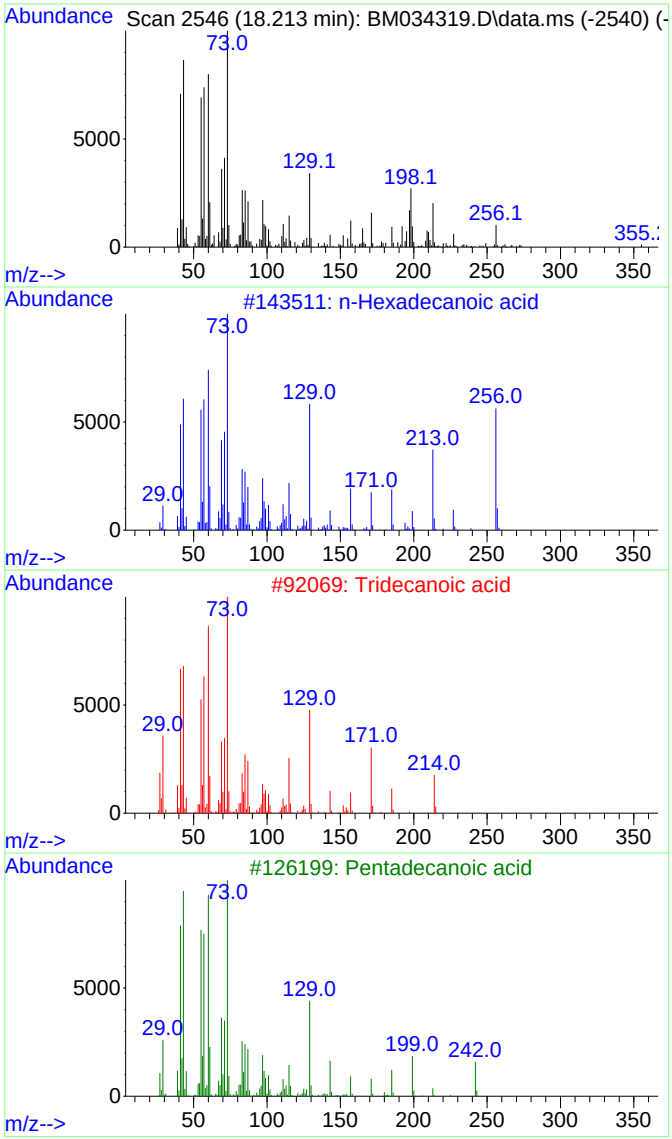
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

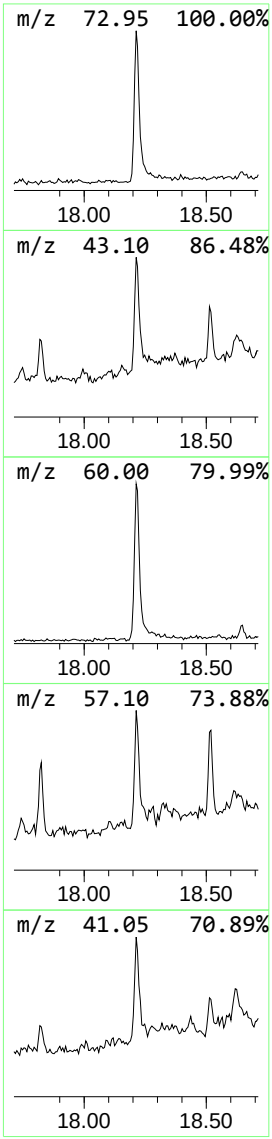
****

Peak Number 9 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.213	5.48 ng	522539	Phenanthrene-d10	17.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Octadecanoic acid	284	C18H36O2	000057-11-4	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034319.D
Acq On : 22 Mar 2022 20:39
Operator : CG/JU
Sample : N1977-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-14-20220315-15.0-16.0

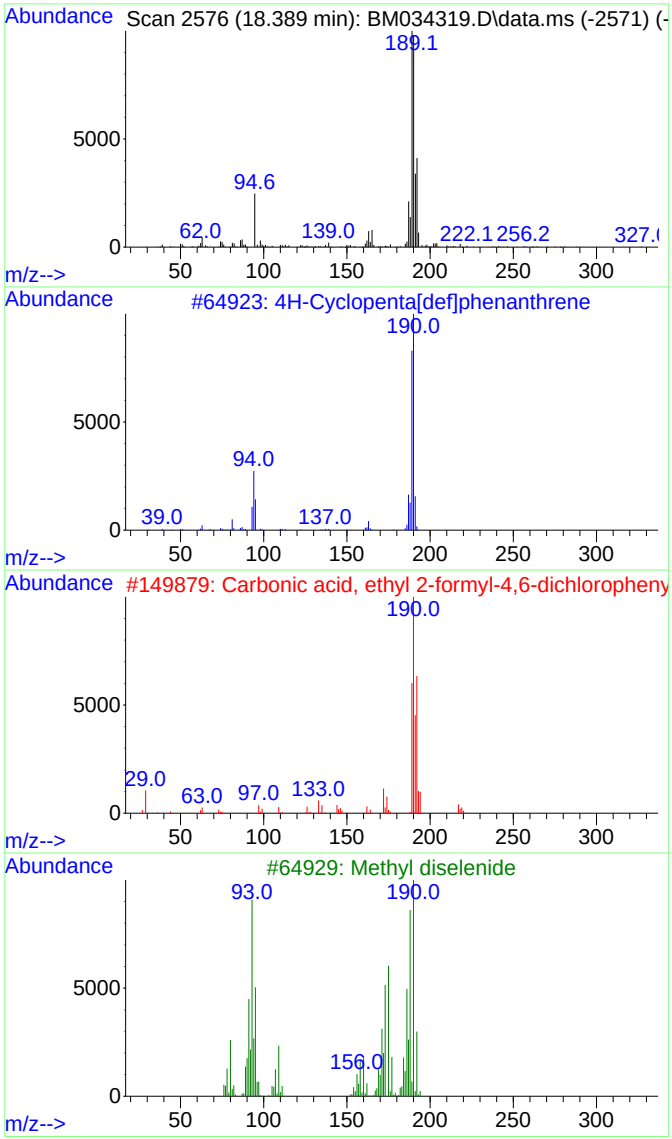
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

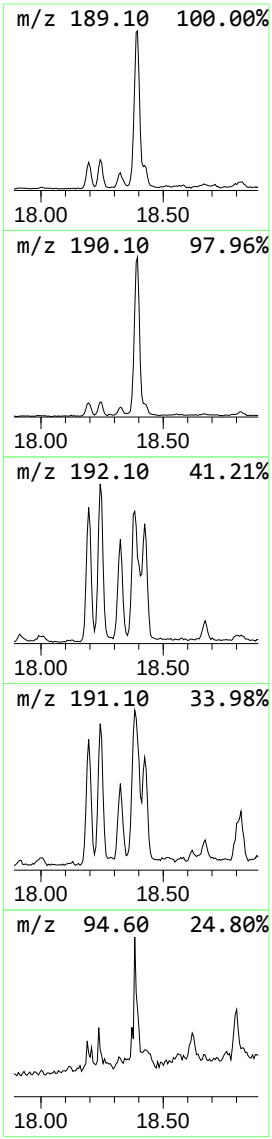
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.389	6.62 ng	632148	Phenanthrene-d10	17.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034319.D
Acq On : 22 Mar 2022 20:39
Operator : CG/JU
Sample : N1977-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-14-20220315-15.0-16.0

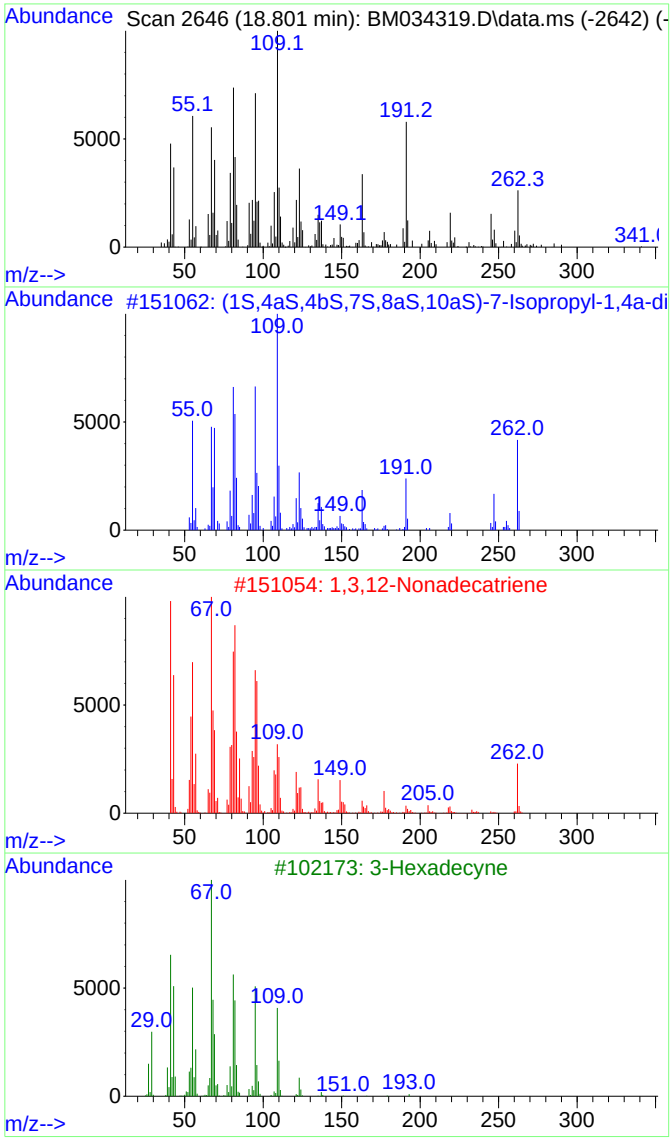
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

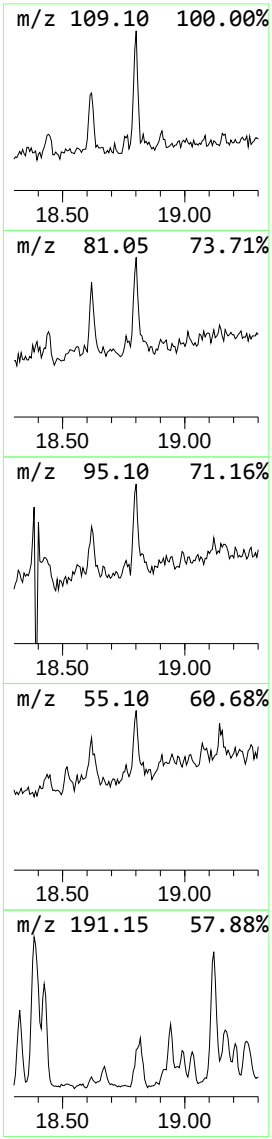
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (1S,4aS,4bS,7S,8aS,10aS)-7-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.801	3.13 ng	299049	Phenanthrene-d10	17.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S,4aS,4bS,7S,8aS,10aS)-7-Isopr...	262	C19H34	002221-95-6	90
2	1,3,12-Nonadecatriene	262	C19H34	1000131-11-1	43
3	3-Hexadecyne	222	C16H30	061886-62-2	41
4	Longipinane, (E)-	206	C15H26	1000156-14-5	38
5	2-n-Octylfuran	180	C12H20O	004179-38-8	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034319.D
Acq On : 22 Mar 2022 20:39
Operator : CG/JU
Sample : N1977-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-14-20220315-15.0-16.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

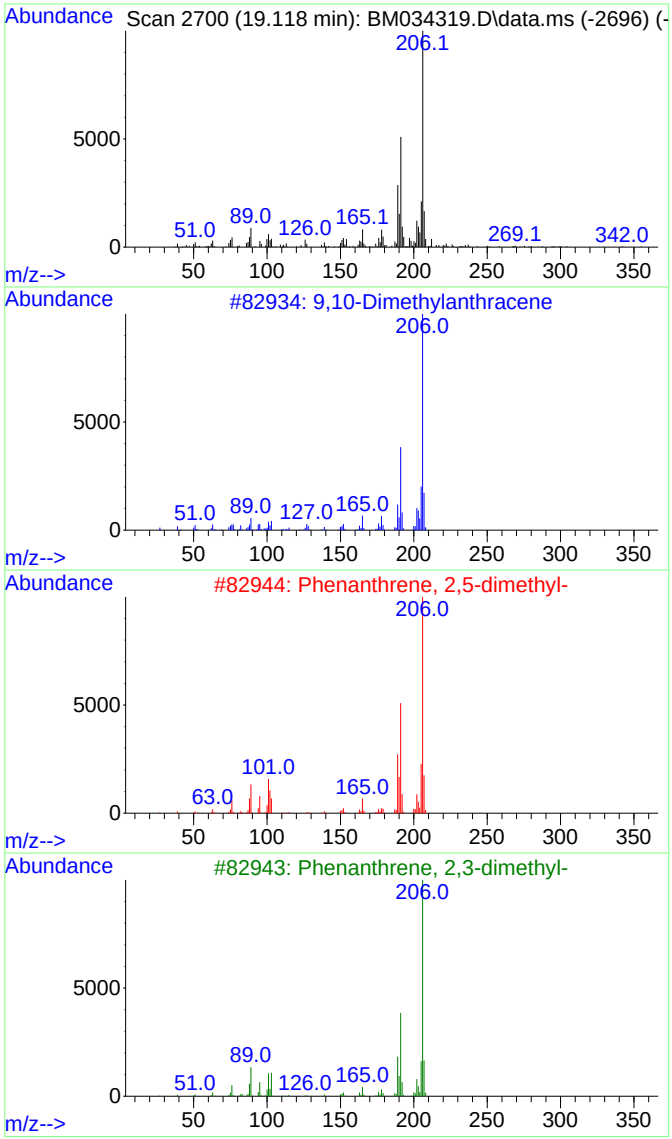
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

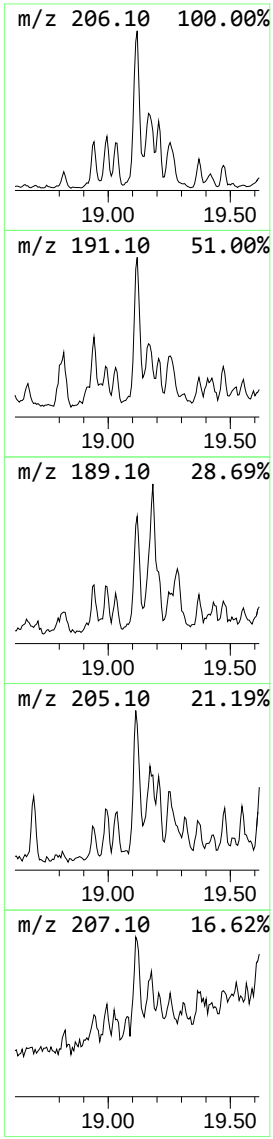
****

Peak Number 12 9,10-Dimethylanthracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.118	3.60 ng	343212	Phenanthrene-d10	17.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034319.D
Acq On : 22 Mar 2022 20:39
Operator : CG/JU
Sample : N1977-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-14-20220315-15.0-16.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

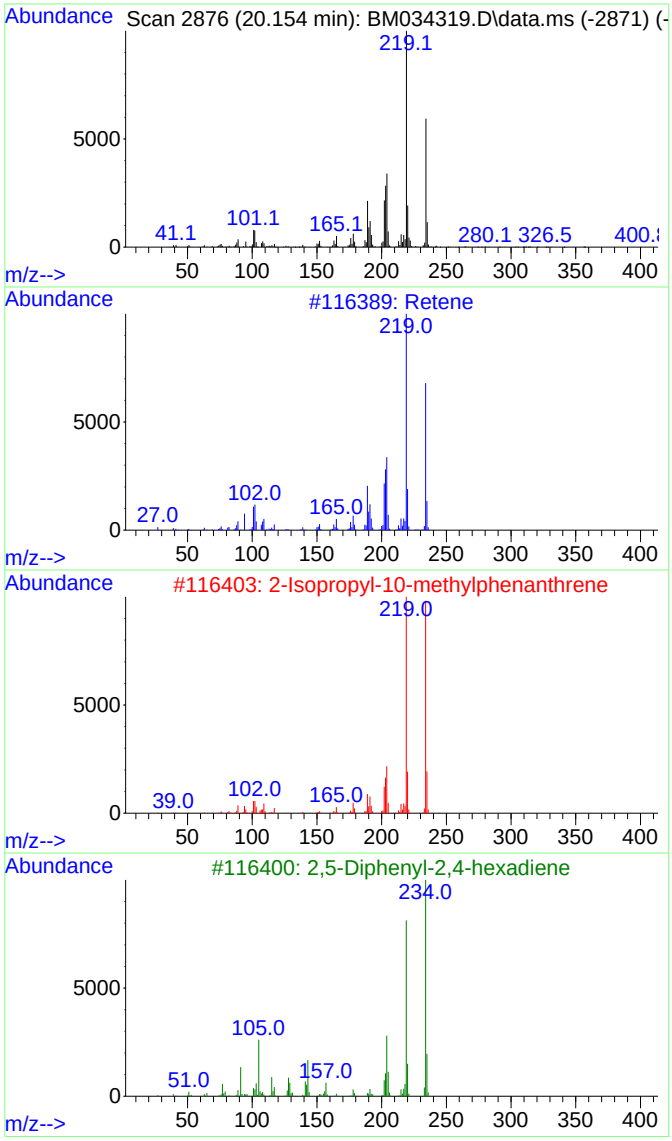
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

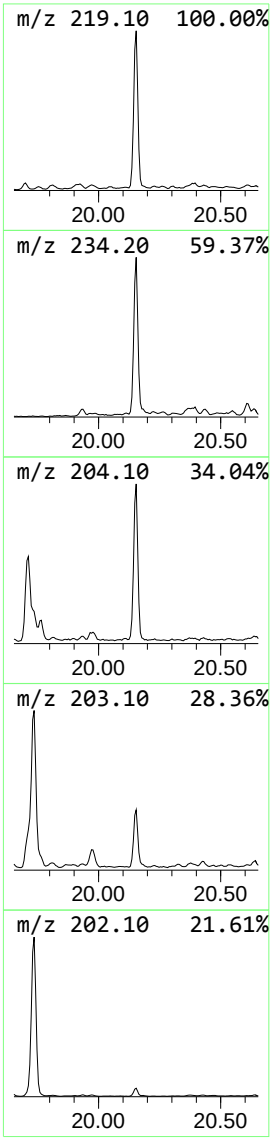
****

Peak Number 13 Retene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.154	6.77 ng	1621570	Chrysene-d12	21.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	2,5-Diphenyl-2,4-hexadiene	234	C18H18	016819-47-9	64
4	Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	49
5	1-Ethanone, 1-(4-amino-7-chloro-...	234	C12H11ClN2O	1010350-06-0	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034319.D
Acq On : 22 Mar 2022 20:39
Operator : CG/JU
Sample : N1977-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-14-20220315-15.0-16.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

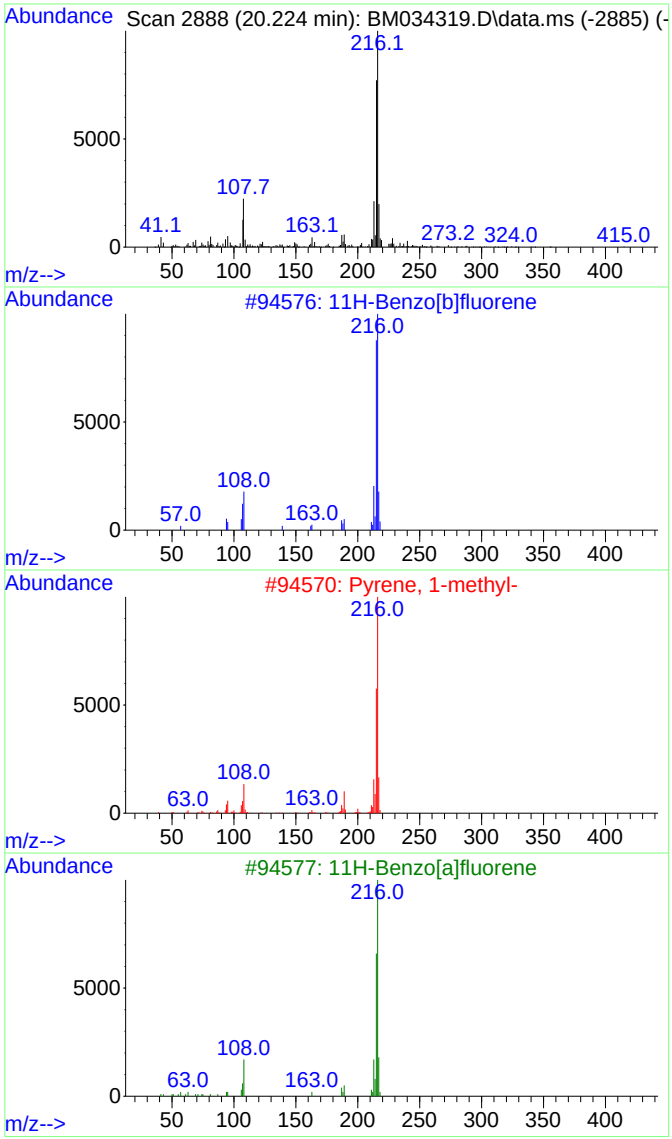
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

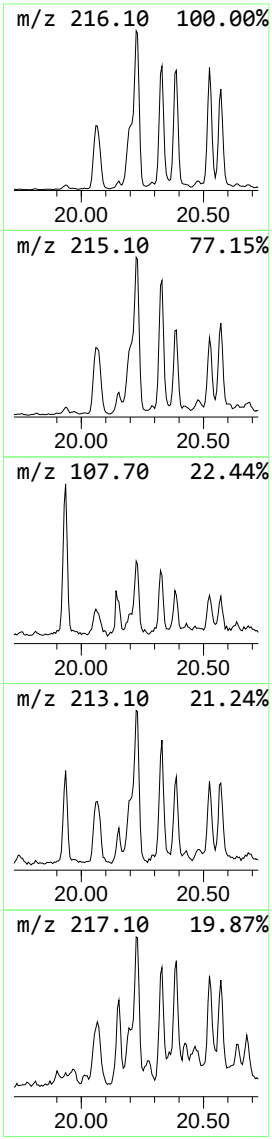
****

Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.224	3.45 ng	825263	Chrysene-d12	21.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034319.D
Acq On : 22 Mar 2022 20:39
Operator : CG/JU
Sample : N1977-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-14-20220315-15.0-16.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

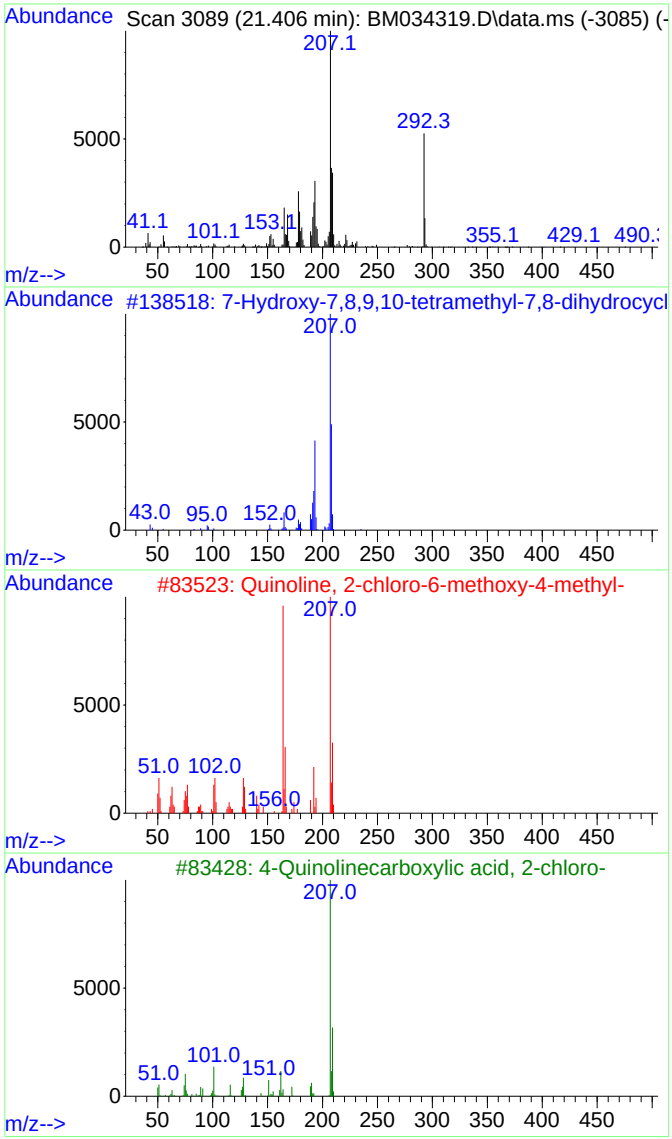
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

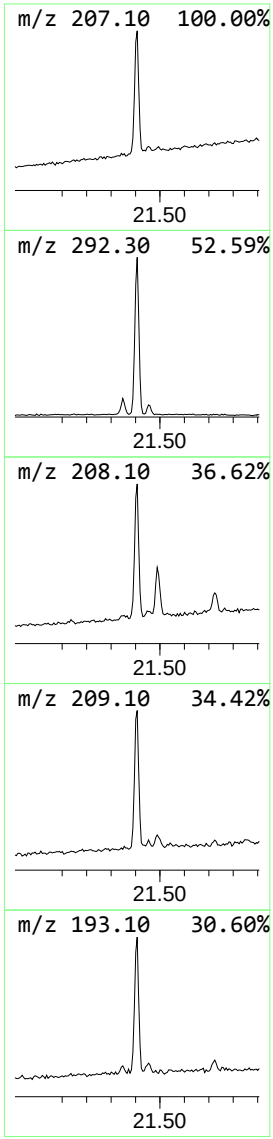
****

Peak Number 15 unknown21.407 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.407	4.98 ng	1191760	Chrysene-d12	21.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hydroxy-7,8,9,10-tetramethyl-7...	252	C18H20O	1000110-34-9	47
2	Quinoline, 2-chloro-6-methoxy-4-...	207	C11H10ClNO	006340-55-2	47
3	4-Quinolinecarboxylic acid, 2-ch...	207	C10H6ClNO2	005467-57-2	38
4	2-Butenenitrile, 2-chloro-3-(4-m...	207	C11H10ClNO	1010305-66-7	38
5	6-Chloro-1-ethyl-4-oxo-N-(pyridi...	341	C18H16ClN3O2	1000409-38-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034319.D
Acq On : 22 Mar 2022 20:39
Operator : CG/JU
Sample : N1977-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-14-20220315-15.0-16.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

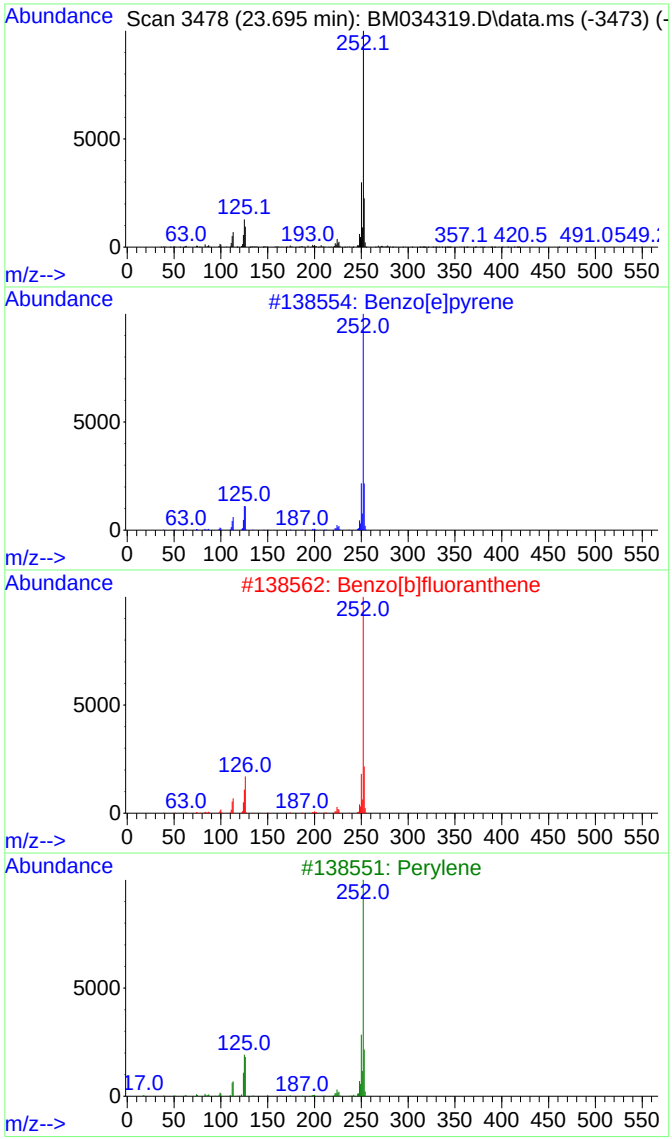
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

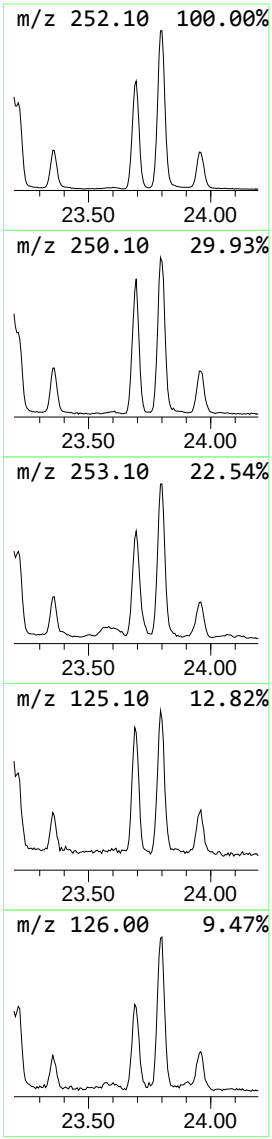
****

Peak Number 16 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.695	18.95 ng	1602370	Perylene-d12	23.906

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034319.D
Acq On : 22 Mar 2022 20:39
Operator : CG/JU
Sample : N1977-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-14-20220315-15.0-16.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.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
Indene	8.478	5.2	ng	256853	1	7.937	980435	20.0
1-Isopropenylna...	15.836	2.2	ng	183117	3	14.578	1697000	20.0
unknown16.295	16.295	2.1	ng	198298	4	17.319	1908590	20.0
Naphtho[1,2-b]t...	17.136	2.0	ng	195745	4	17.319	1908590	20.0
n-Hexadecanoic ...	18.213	5.5	ng	522539	4	17.319	1908590	20.0
4H-Cyclopenta[d...	18.389	6.6	ng	632148	4	17.319	1908590	20.0
(1S,4aS,4bS,7S,...	18.801	3.1	ng	299049	4	17.319	1908590	20.0
9,10-Dimethylan...	19.118	3.6	ng	343212	4	17.319	1908590	20.0
Retene	20.154	6.8	ng	1621570	5	21.489	4789830	20.0
11H-Benzo[b]flu...	20.224	3.5	ng	825263	5	21.489	4789830	20.0
unknown21.407	21.407	5.0	ng	1191760	5	21.489	4789830	20.0
Benzo[e]pyrene	23.695	18.9	ng	1602370	6	23.906	1691390	20.0