LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
Data File : BM049872.D
Acq On : 09 Apr 2025 17:42
Operator : RC/JU
Sample : Q1743-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-16

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-BM040825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM049872.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.899	318	325	335	rVB	605591	889344	2.29%	0.309%
2	5.363	397	404	411	rBV	4869631	6860914	17.65%	2.385%
3	6.951	665	674	689	rBV	4666275	7353235	18.92%	2.557%
4	7.775	807	814	823	rVB2	1356005	2183045	5.62%	0.759%
5	8.934	1000	1011	1017	rBV	2764108	4416980	11.36%	1.536%
6	10.569	1280	1289	1295	rBV	1583434	2865476	7.37%	0.996%
7	13.039	1701	1709	1715	rBV	8195046	11544841	29.70%	4.014%
8	13.251	1741	1745	1751	rVB3	260164	416884	1.07%	0.145%
9	13.475	1778	1783	1788	rVB	395485	597572	1.54%	0.208%
10	13.580	1796	1801	1811	rBV4	176860	454183	1.17%	0.158%
11	13.739	1824	1828	1833	rBV	288355	465926	1.20%	0.162%
12	14.422	1934	1944	1949	rBV	2585420	4158789	10.70%	1.446%
13	14.627	1974	1979	1989	rVB2	302651	846999	2.18%	0.294%
14	14.716	1989	1994	2002	rBV4	176621	444664	1.14%	0.155%
15	14.816	2004	2011	2018	rVV2	784021	1544943	3.97%	0.537%
16	14.898	2019	2025	2030	rVB	394154	578283	1.49%	0.201%
17	15.039	2044	2049	2054	rBV2	468080	796540	2.05%	0.277%
18	15.210	2071	2078	2081	rBV2	267149	637835	1.64%	0.222%
19	15.463	2117	2121	2126	rVB2	636997	911701	2.35%	0.317%
20	15.592	2134	2143	2147	rBV2	487913	823896	2.12%	0.286%
21	15.680	2154	2158	2166	rBV5	275809	591107	1.52%	0.206%
22	15.774	2166	2174	2181	rVB2	1102384	1919840	4.94%	0.667%
23	15.910	2190	2197	2204	rVV	6560749	9137935	23.51%	3.177%
24	16.127	2229	2234	2240	rBV3	603741	1222368	3.14%	0.425%
25	16.521	2297	2301	2306	rBV2	260515	414109	1.07%	0.144%
26	16.980	2375	2379	2388	rVB2	260178	463491	1.19%	0.161%
27	17.163	2404	2410	2414	rBV	2849865	3936742	10.13%	1.369%
28	17.204	2414	2417	2422	rVB	789094	1014069	2.61%	0.353%
29	17.292	2429	2432	2438	rVB	309417	415286	1.07%	0.144%
30	17.633	2485	2490	2494	rBV	1127504	1412316	3.63%	0.491%
31	17.815	2515	2521	2529	rVB	5944151	7558527	19.44%	2.628%
32	18.080	2560	2566	2578	rVB2	3895549	6376616	16.40%	2.217%
33	18.539	2640	2644	2650	rVB	362694	477183	1.23%	0.166%
34	18.615	2651	2657	2666	rBV	18873971	25536609	65.69%	8.879%
35	18.733	2671	2677	2682	rBV	9500210	11955412	30.75%	4.157%
36	18.786	2682	2686	2690	rVV	1927711	2331062	6.00%	0.810%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
Data File : BM049872.D
Acq On : 09 Apr 2025 17:42
Operator : RC/JU
Sample : Q1743-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-16

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-BM040825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.827	2690	2693	2694	rVV	476004	477771	1.23%	0.166%
38	18.857	2694	2698	2704	rVB	7780883	10210019	26.26%	3.550%
39	18.915	2704	2708	2710	rBV	339101	475438	1.22%	0.165%
40	18.951	2710	2714	2719	rVV	12728561	15926679	40.97%	5.537%
41	18.992	2719	2721	2726	rVB	1546613	1767732	4.55%	0.615%
42	19.162	2744	2750	2756	rBV	30132727	38874053	100.00%	13.516%
43	19.221	2756	2760	2765	rVB	738236	889815	2.29%	0.309%
44	19.280	2766	2770	2776	rVB	1022268	1237195	3.18%	0.430%
45	19.445	2792	2798	2804	rBV	25636731	30399479	78.20%	10.569%
46	19.580	2816	2821	2830	rVB2	4553794	6339792	16.31%	2.204%
47	19.786	2851	2856	2860	rBV	12920919	15608687	40.15%	5.427%
48	19.821	2860	2862	2867	rVB	1111586	1282237	3.30%	0.446%
49	20.109	2908	2911	2915	rVB	584071	666069	1.71%	0.232%
50	20.604	2991	2995	2999	rBV	572703	696266	1.79%	0.242%
51	20.980	3053	3059	3065	rVB2	1475086	2017494	5.19%	0.701%
52	21.086	3073	3077	3082	rBV	791618	1115067	2.87%	0.388%
53	21.274	3105	3109	3111	rBV2	982834	1315036	3.38%	0.457%
54	21.303	3112	3114	3121	rVB	1077565	1395505	3.59%	0.485%
55	21.398	3124	3130	3136	rBV	3039499	5251059	13.51%	1.826%
56	21.562	3154	3158	3162	rBV	1396857	1789936	4.60%	0.622%
57	21.680	3174	3178	3187	rVB2	864740	1288759	3.32%	0.448%
58	21.939	3218	3222	3227	rVB	1171900	1629812	4.19%	0.567%
59	22.015	3231	3235	3240	rVB	1317237	1845858	4.75%	0.642%
60	22.497	3314	3317	3326	rVB	867722	1469314	3.78%	0.511%
61	22.797	3363	3368	3370	rBV2	647988	1212408	3.12%	0.422%
62	22.850	3373	3377	3385	rVB2	1495869	2724596	7.01%	0.947%
63	23.345	3455	3461	3467	rBV	2485943	4896826	12.60%	1.703%
64	24.127	3588	3594	3603	rVB	2641620	5921674	15.23%	2.059%
65	24.403	3635	3641	3657	rVB	1984086	5338517	13.73%	1.856%

Sum of corrected areas: 287617815

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
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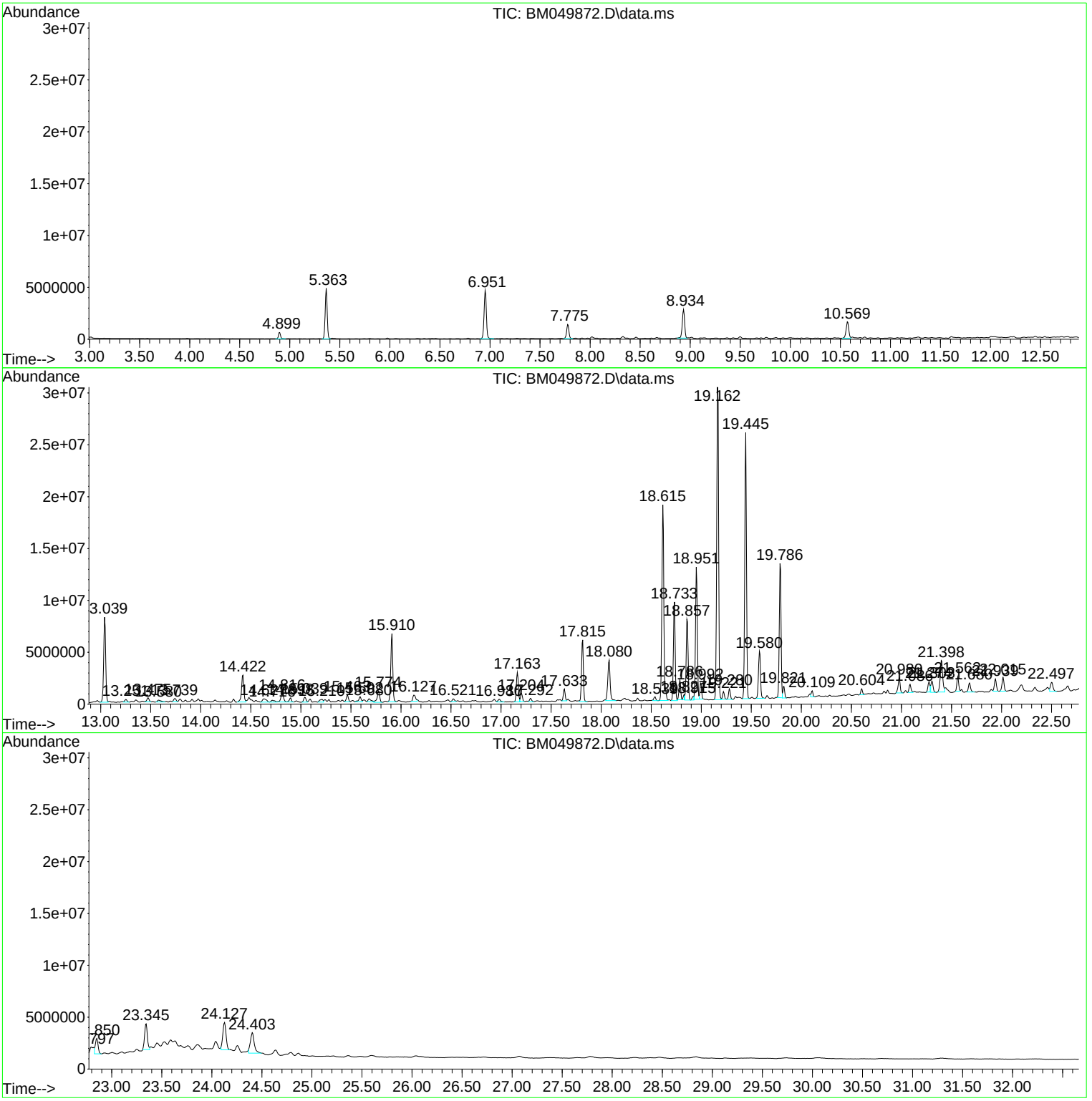
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.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\BM040925\
Data File : BM049872.D
Acq On : 09 Apr 2025 17:42
Operator : RC/JU
Sample : Q1743-01
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BNA_M
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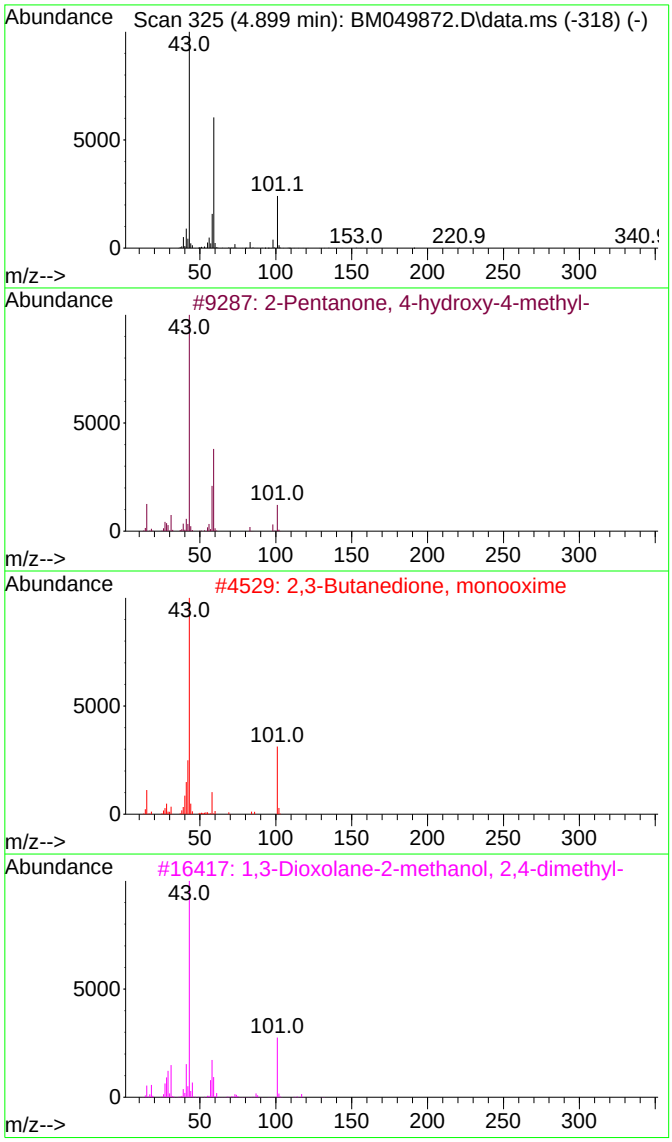
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

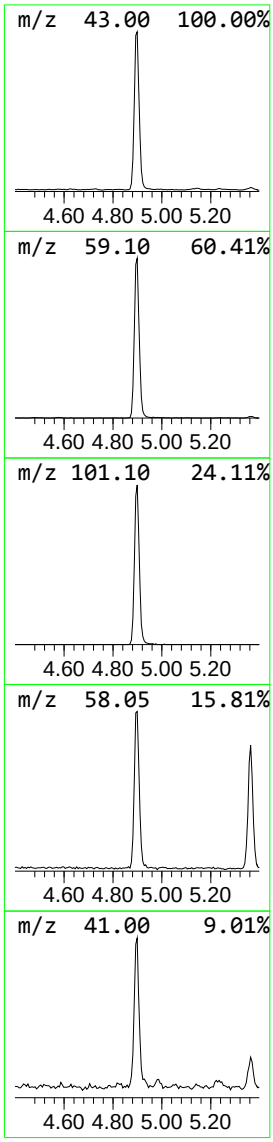
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.899	8.15 ng	889344	1,4-Dichlorobenzene-d4	7.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
Data File : BM049872.D
Acq On : 09 Apr 2025 17:42
Operator : RC/JU
Sample : Q1743-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

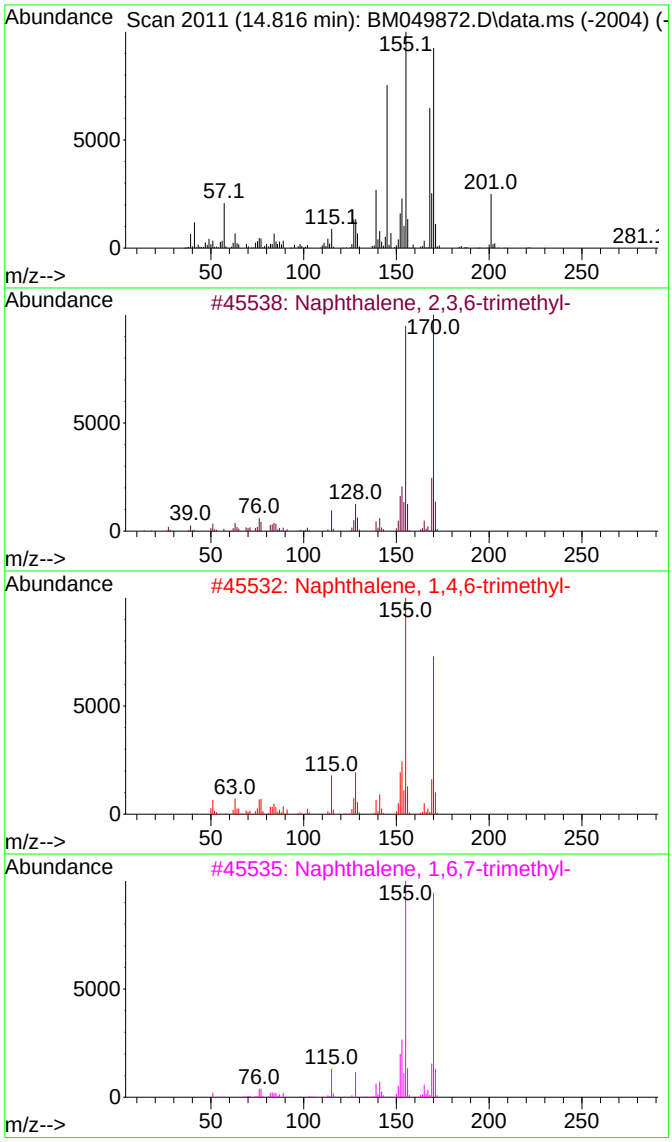
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

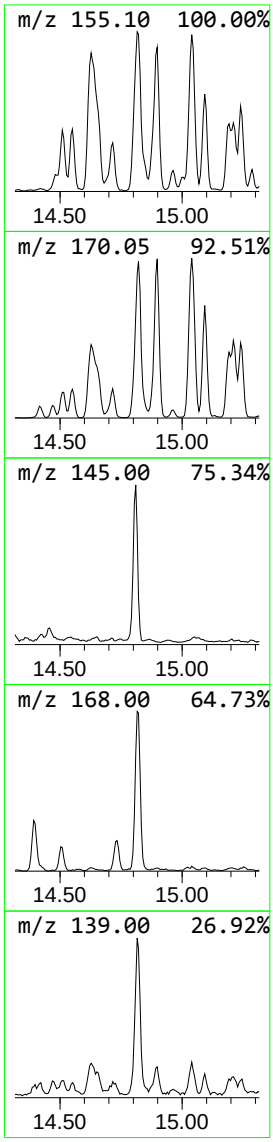
****

Peak Number 2 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.816	7.43 ng	1544940	Acenaphthene-d10	14.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	87
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	55
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
Data File : BM049872.D
Acq On : 09 Apr 2025 17:42
Operator : RC/JU
Sample : Q1743-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

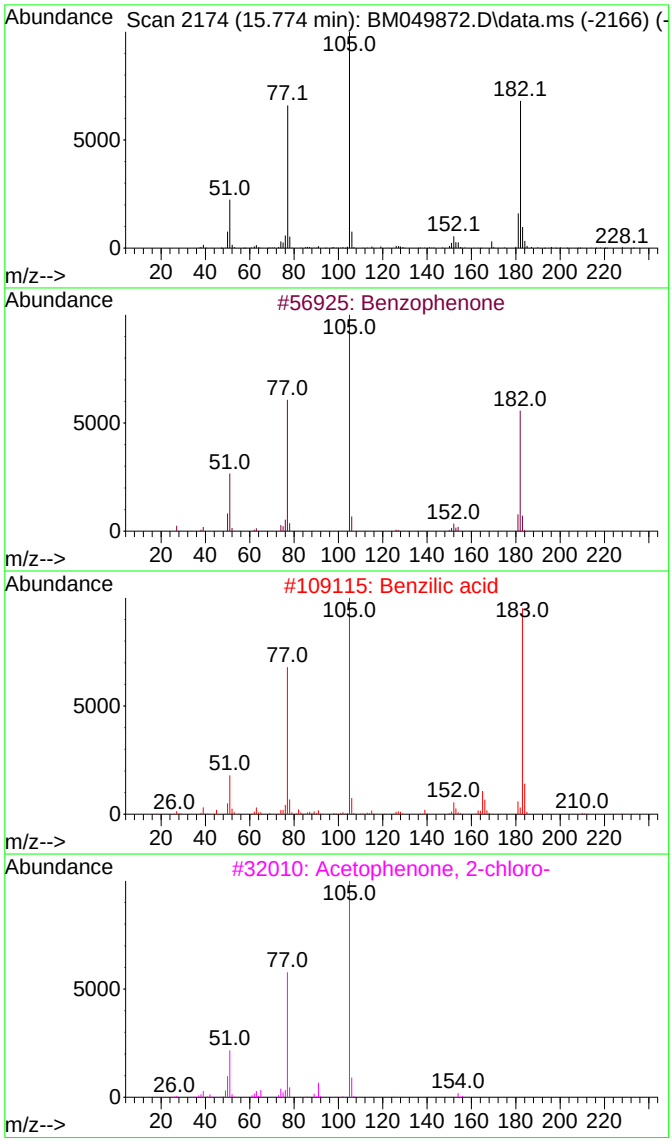
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

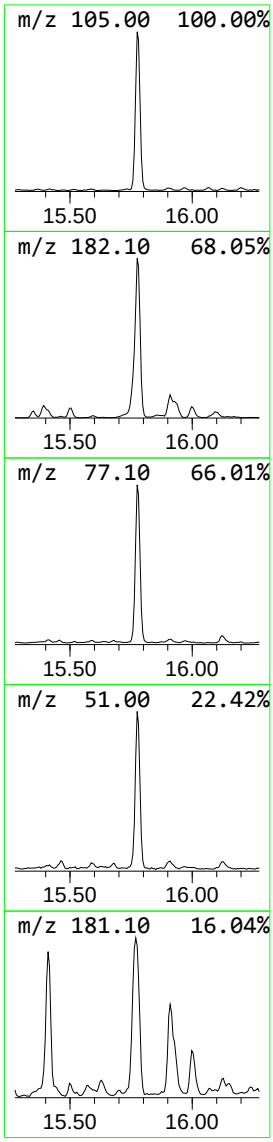
****

Peak Number 3 Benzophenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.774	9.23 ng	1919840	Acenaphthene-d10	14.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzilic acid	228	C14H12O3	000076-93-7	52
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	46
4	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	46
5	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
Data File : BM049872.D
Acq On : 09 Apr 2025 17:42
Operator : RC/JU
Sample : Q1743-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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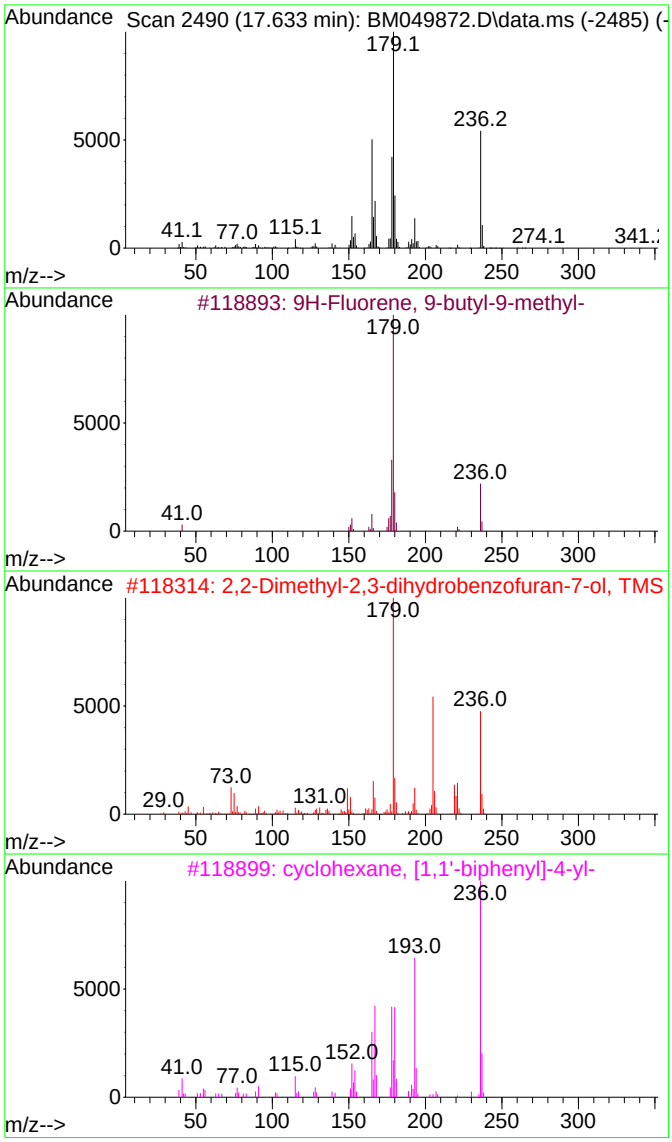
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

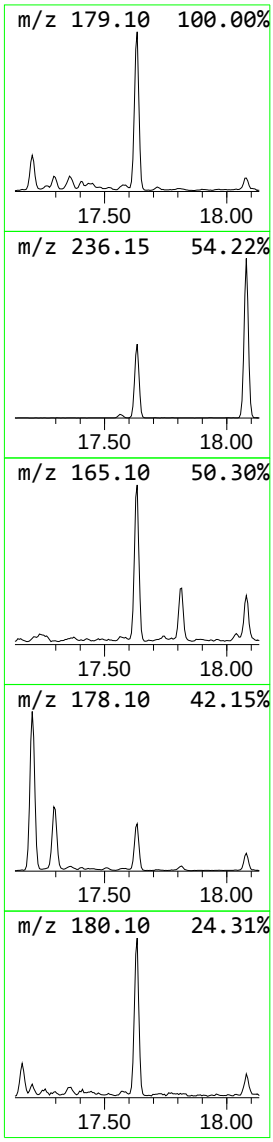
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 9H-Fluorene, 9-butyl-9-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.633	7.18 ng	1412320	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-butyl-9-methyl-	236	C18H20	042348-92-5	59
2	2,2-Dimethyl-2,3-dihydrobenzofur...	236	C13H20O2Si	1000492-45-1	46
3	cyclohexane, [1,1'-biphenyl]-4-yl-	236	C18H20	1000401-12-4	46
4	Tricyclo[8.4.1.1(4,9)]hexadeca-4...	236	C16H12O2	1000157-87-3	46
5	2,3-Dimethylphenol, TBDMS deriva...	236	C14H24OSi	1000333-49-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
Data File : BM049872.D
Acq On : 09 Apr 2025 17:42
Operator : RC/JU
Sample : Q1743-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

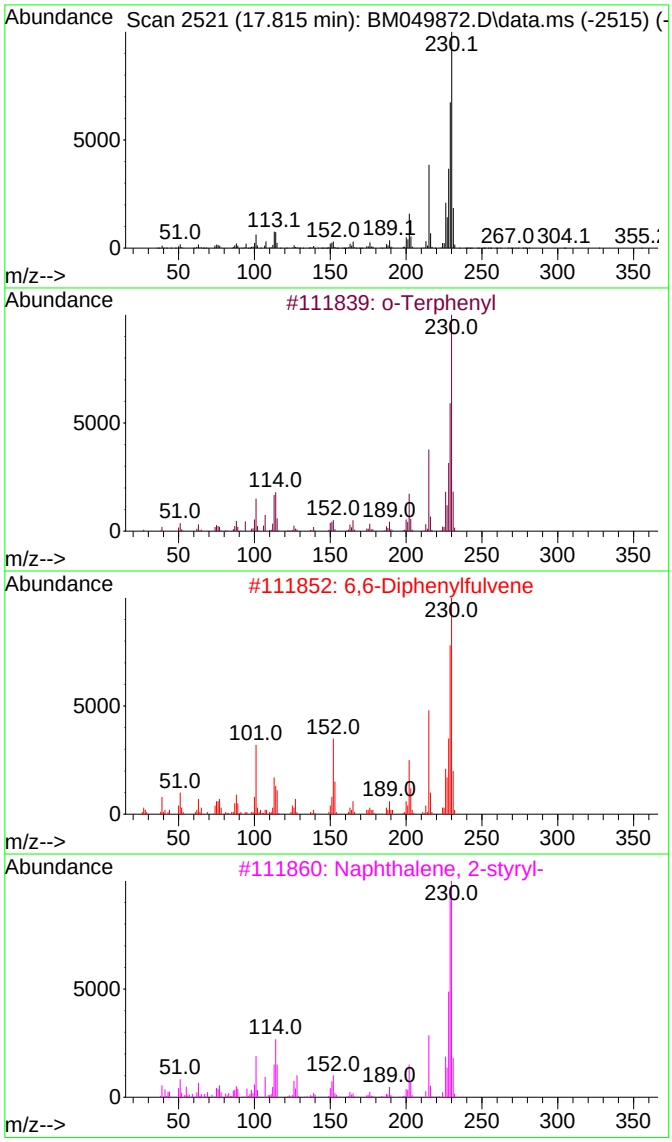
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

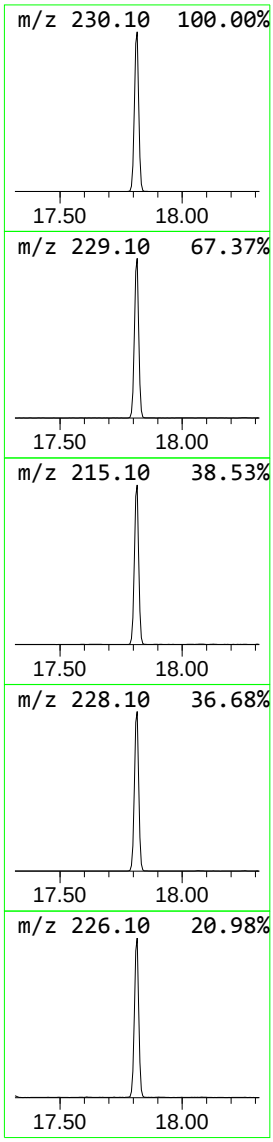
****

Peak Number 5 o-Terphenyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.816	38.40 ng	7558530	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Terphenyl	230	C18H14	000084-15-1	97
2	6,6-Diphenylfulvene	230	C18H14	002175-90-8	90
3	Naphthalene, 2-styryl-	230	C18H14	002039-70-5	86
4	Naphthacene, 5,12-dihydro-	230	C18H14	000959-02-4	60
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
Data File : BM049872.D
Acq On : 09 Apr 2025 17:42
Operator : RC/JU
Sample : Q1743-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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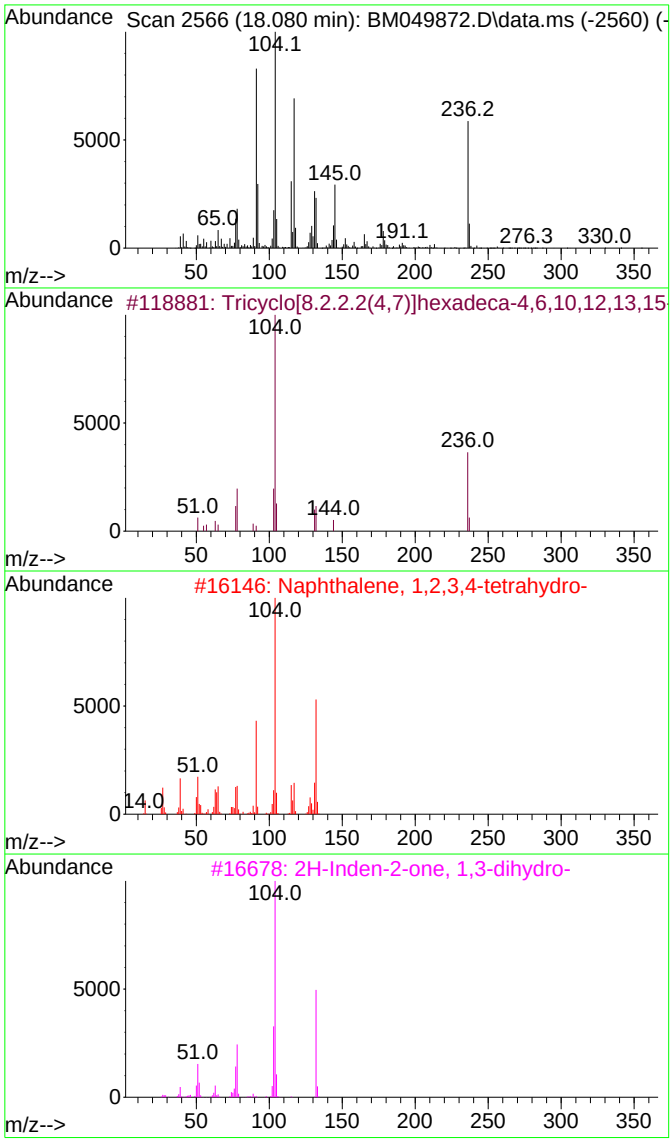
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

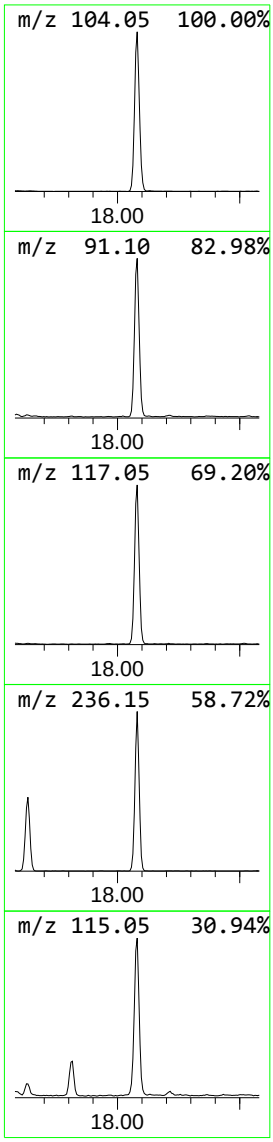
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.080	32.40 ng	6376620	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-4...	236	C17H16O	000729-30-6	60
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	35
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	30
4	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	25
5	Cyclohexene, 3-methylene-4-(1,2-...	132	C10H12	068377-81-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
Data File : BM049872.D
Acq On : 09 Apr 2025 17:42
Operator : RC/JU
Sample : Q1743-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

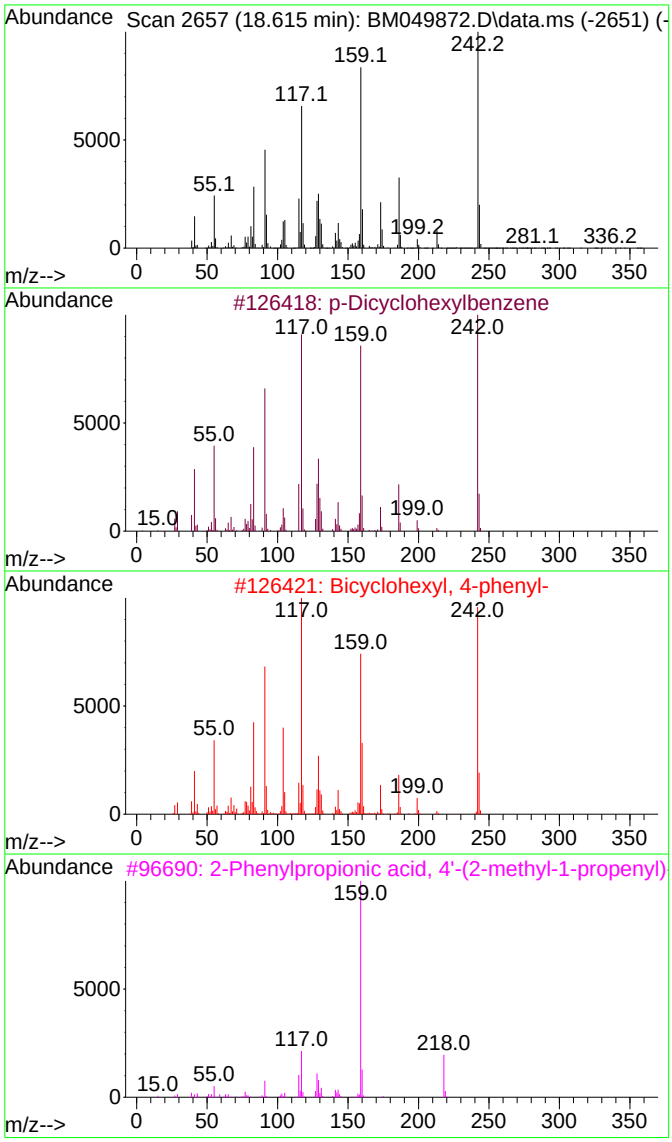
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

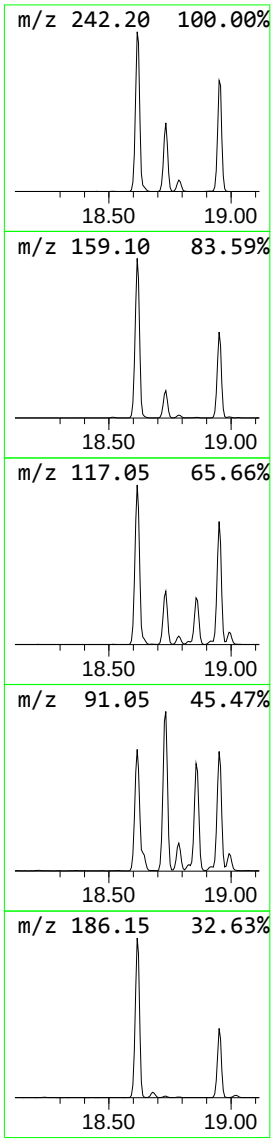
****

Peak Number 7 p-Dicyclohexylbenzene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.615	129.74 ng	25536600	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Dicyclohexylbenzene	242	C18H26	001087-02-1	99
2	Bicyclohexyl, 4-phenyl-	242	C18H26	020273-27-2	68
3	2-Phenylpropionic acid, 4'-(2-me...	218	C14H18O2	1010454-94-3	38
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	27
5	Pyridine, 1,2,3,6-tetrahydro-4-p...	159	C11H13N	010338-69-9	22





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Acq On : 09 Apr 2025 17:42
Operator : RC/JU
Sample : Q1743-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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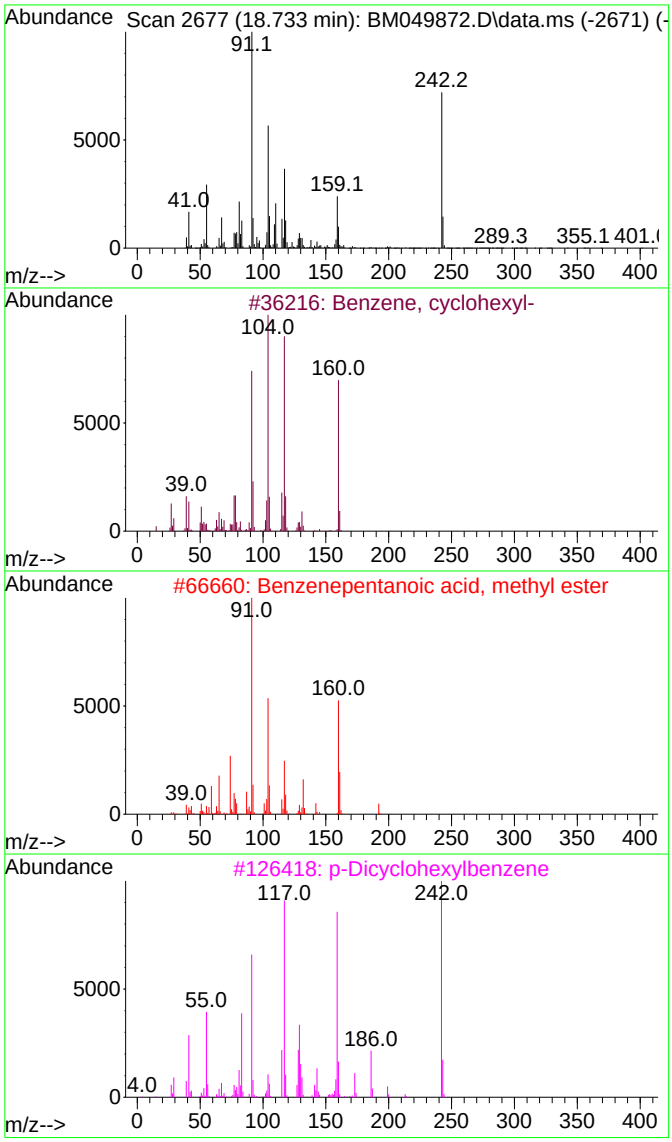
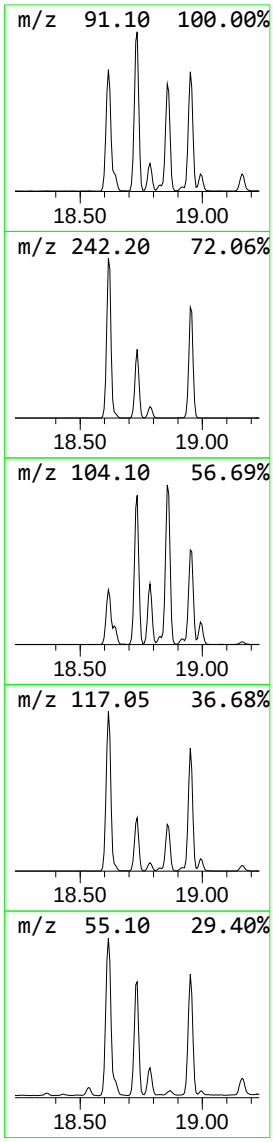
Peak Number 8 unknown18.733 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.733	60.74 ng	11955400	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclohexyl-	160	C12H16	000827-52-1	46
2	Benzenepentanoic acid, methyl ester	192	C12H16O2	020620-59-1	41
3	p-Dicyclohexylbenzene	242	C18H26	001087-02-1	38
4	5,6,7,8,9,10-Hexahydrobenzocyclo...	160	C12H16	001076-69-3	35
5	Benzene, 1-nonenyl-	202	C15H22	034426-61-4	27





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ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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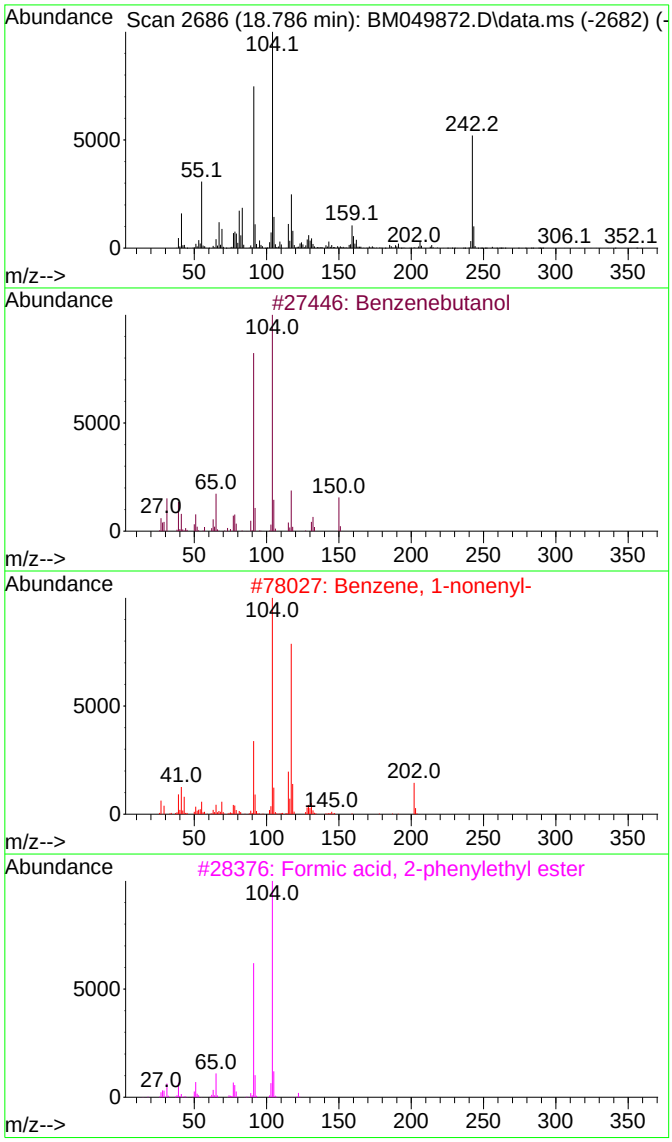
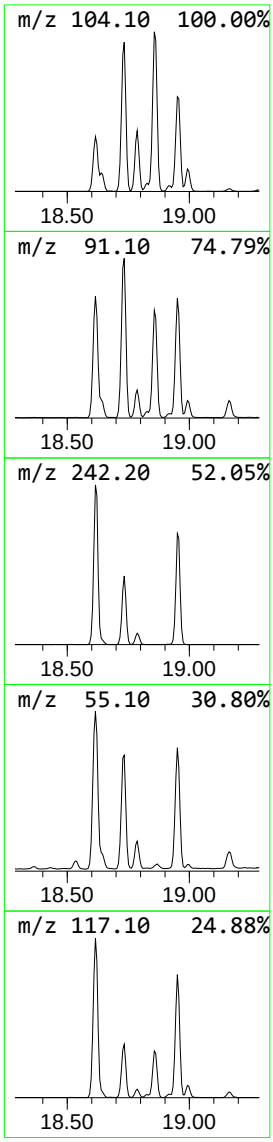
Peak Number 9 Benzenebutanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.786	11.84 ng	2331060	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenebutanol	150	C10H14O	003360-41-6	50
2	Benzene, 1-nonenyl-	202	C15H22	034426-61-4	43
3	Formic acid, 2-phenylethyl ester	150	C9H10O2	000104-62-1	43
4	p-Dicyclohexylbenzene	242	C18H26	001087-02-1	38
5	Oxalic acid, di(2-phenylethyl) e...	298	C18H18O4	1000309-66-5	35





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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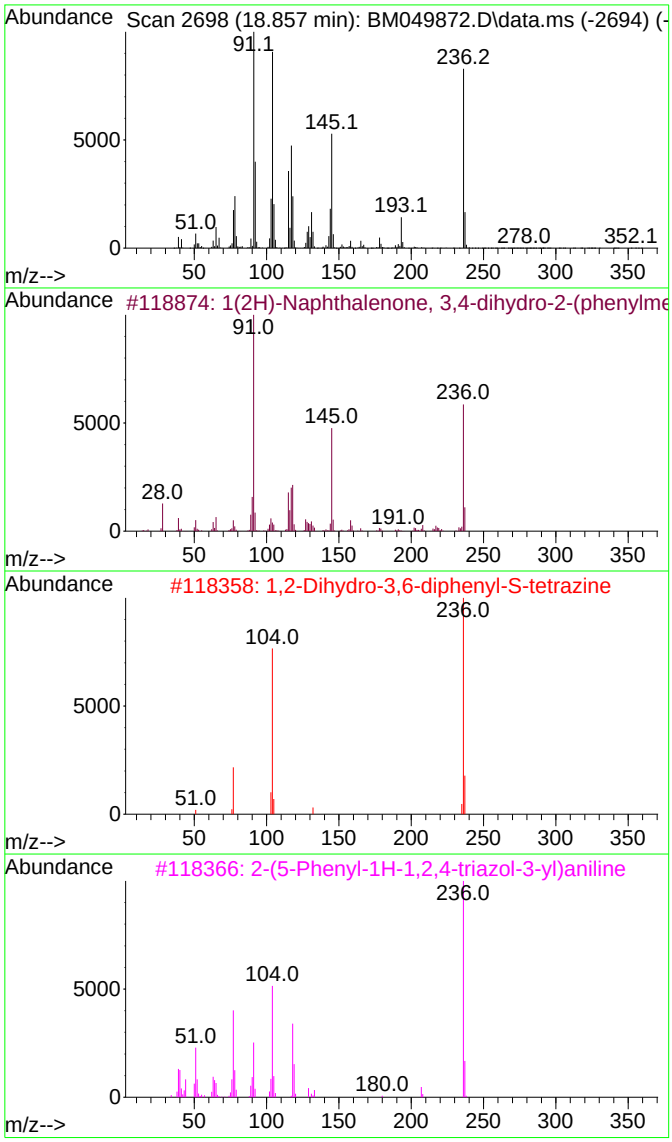
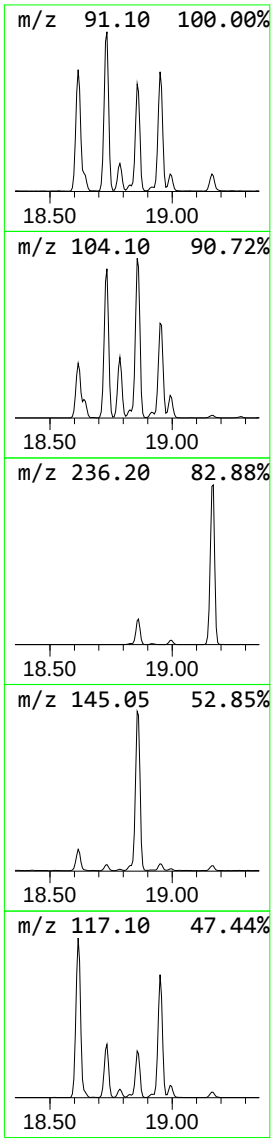
Peak Number 10 unknown18.857 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.857	51.87 ng	10210000	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	236	C17H16O	027019-08-5	43
2	1,2-Dihydro-3,6-diphenyl-S-tetra...	236	C14H12N4	014478-73-0	38
3	2-(5-Phenyl-1H-1,2,4-triazol-3-y...	236	C14H12N4	025518-15-4	27
4	1H-Pyrazole, 4,5-dihydro-3-(4-me...	236	C16H16N2	000959-07-9	25
5	1,3,4-Oxadiazole, 2-phenyl-5-(ph...	236	C15H12N2O	1000351-22-9	22





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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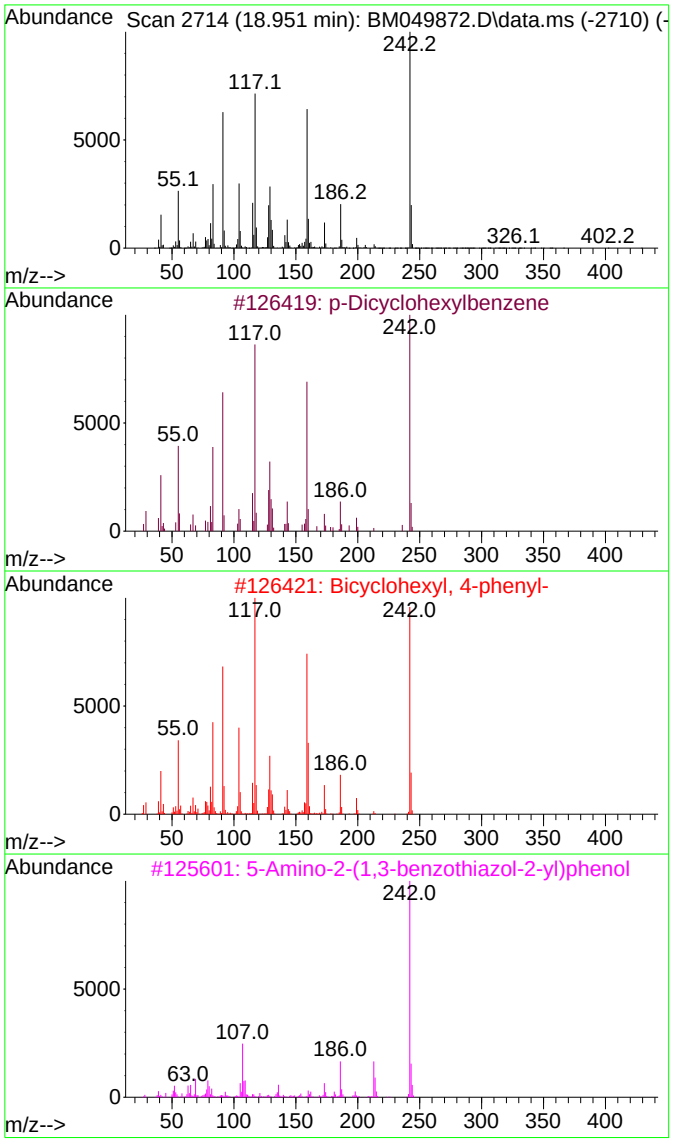
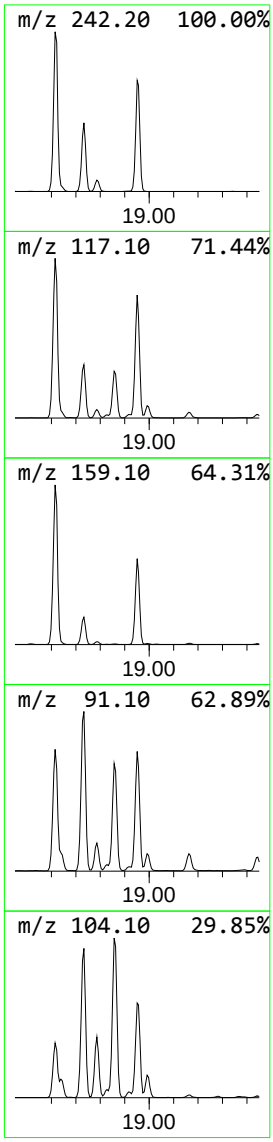
Peak Number 11 Bicyclohexyl, 4-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.951	80.91 ng	15926700	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Dicyclohexylbenzene	242	C18H26	001087-02-1	98
2	Bicyclohexyl, 4-phenyl-	242	C18H26	020273-27-2	93
3	5-Amino-2-(1,3-benzothiazol-2-yl...	242	C13H10N2OS	088877-62-7	35
4	1,1'-Biphenyl, 4,4'-diethoxy-	242	C16H18O2	007168-54-9	27
5	Benzaldehyde, 4-methoxy-3-(4-met...	242	C15H14O3	093899-03-7	25





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Instrument :
BNA_M
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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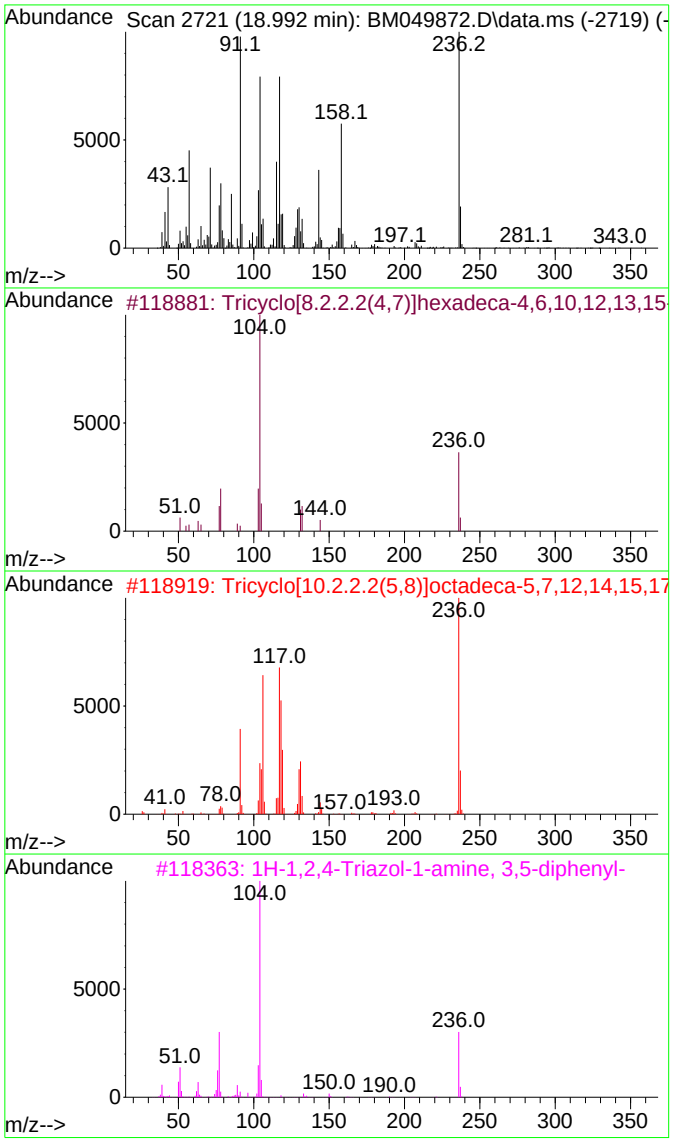
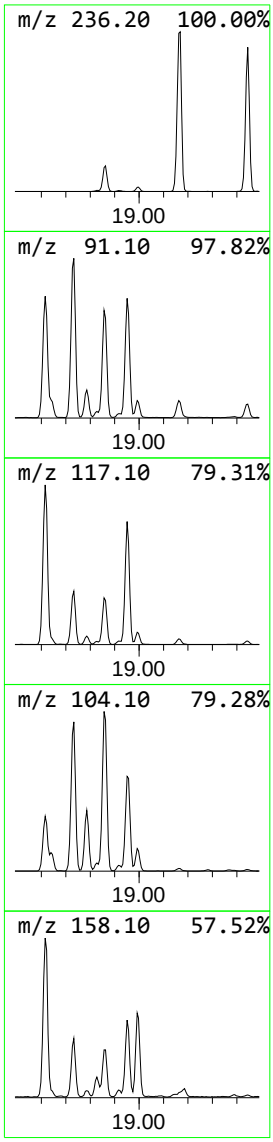
Peak Number 12 unknown18.992 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.992	8.98 ng	1767730	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-4...	236	C17H16O	000729-30-6	46
2	Tricyclo[10.2.2.2(5,8)]octadeca-...	236	C18H20	002913-24-8	43
3	1H-1,2,4-Triazol-1-amine, 3,5-di...	236	C14H12N4	034985-93-8	38
4	1,2-Dihydro-3,6-diphenyl-S-tetra...	236	C14H12N4	014478-73-0	38
5	Hex-1-enylbenzene	160	C12H16	000828-15-9	35





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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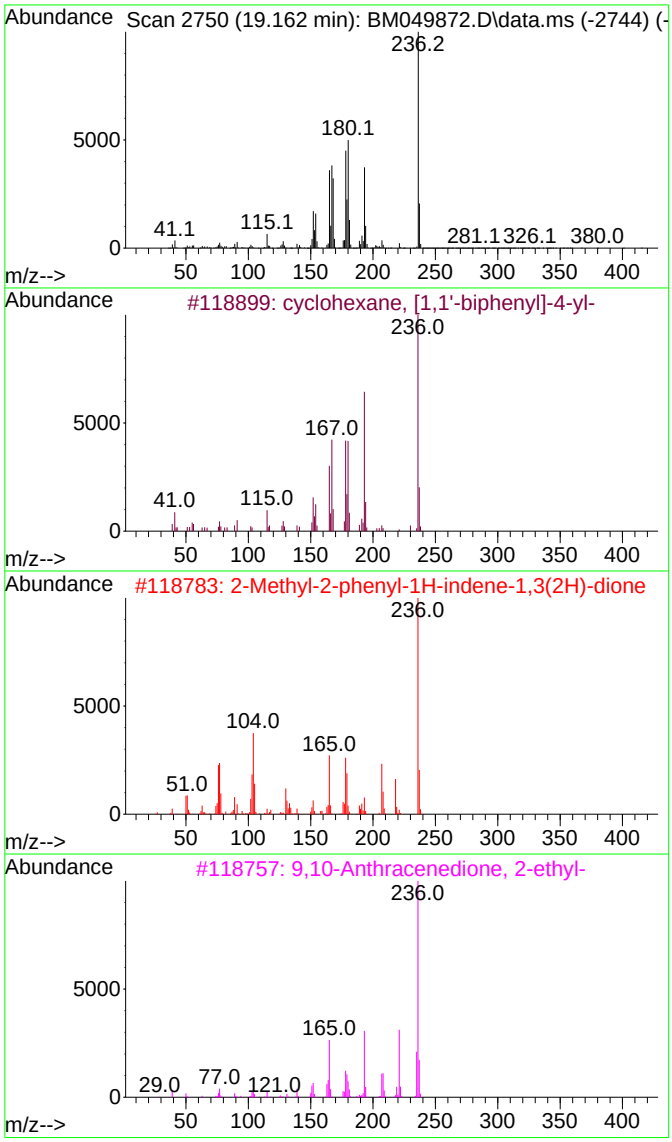
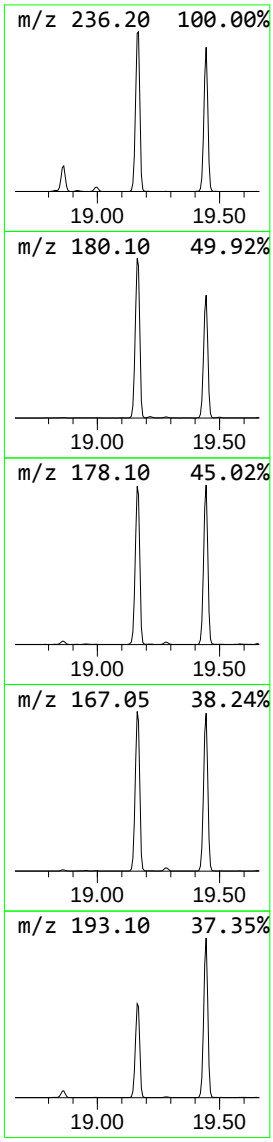
****
Peak Number 13 cyclohexane, [1,1'-biphenyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.162	197.49 ng	38874100	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cyclohexane, [1,1'-biphenyl]-4-yl-	236	C18H20	1000401-12-4	87
2	2-Methyl-2-phenyl-1H-indene-1,3(...	236	C16H12O2	1010332-18-2	46
3	9,10-Anthracenedione, 2-ethyl-	236	C16H12O2	000084-51-5	46
4	11H-Cyclohepta[a]naphthalen-11-o...	236	C17H16O	058111-76-5	43
5	9,10-Anthracenedione, 2,7-dimethyl-	236	C16H12O2	003286-01-9	38





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Instrument :
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ClientSampleId :
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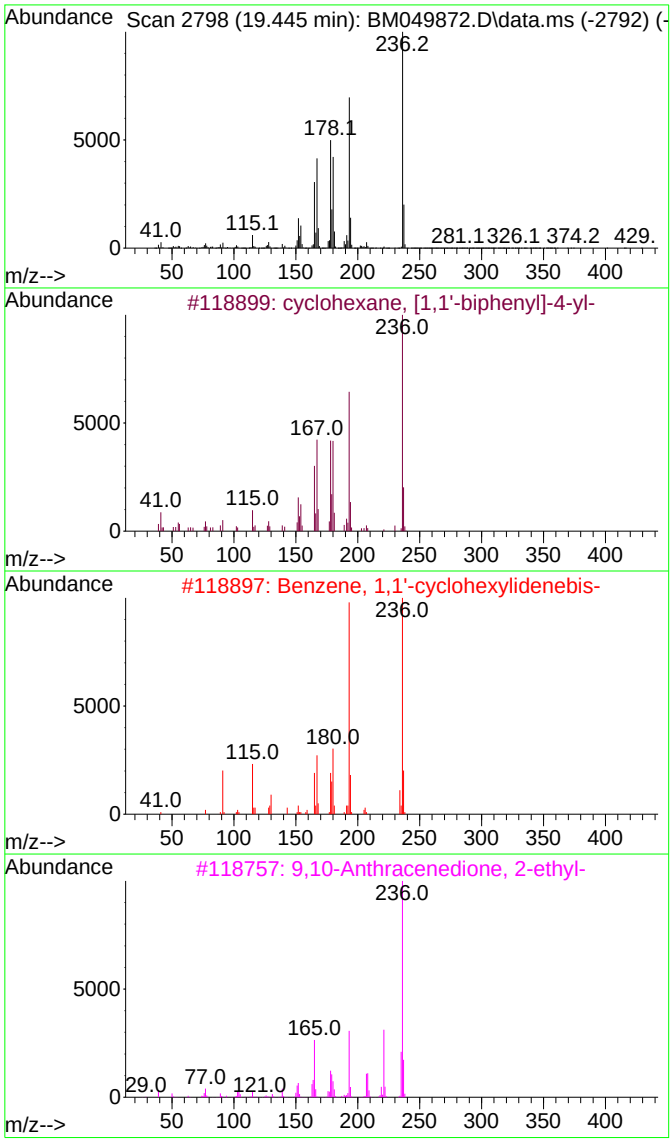
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

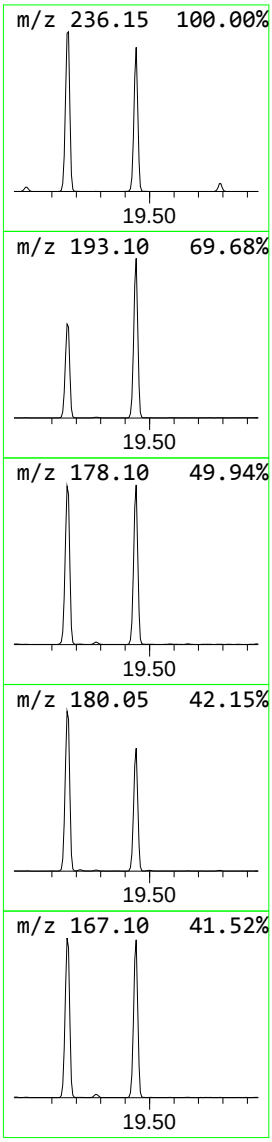
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,1'-cyclohexylide... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.445	115.78 ng	30399500	Chrysene-d12	21.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cyclohexane, [1,1'-biphenyl]-4-yl-	236	C18H20	1000401-12-4	96
2	Benzene, 1,1'-cyclohexylidenebis-	236	C18H20	021113-55-3	58
3	9,10-Anthracenedione, 2-ethyl-	236	C16H12O2	000084-51-5	49
4	Spiro(cyclohexane-1,4'(1'H)-quin...	236	C13H20N2S	005579-43-1	47
5	2-Methyl-2-phenyl-1H-indene-1,3(...	236	C16H12O2	1010332-18-2	43





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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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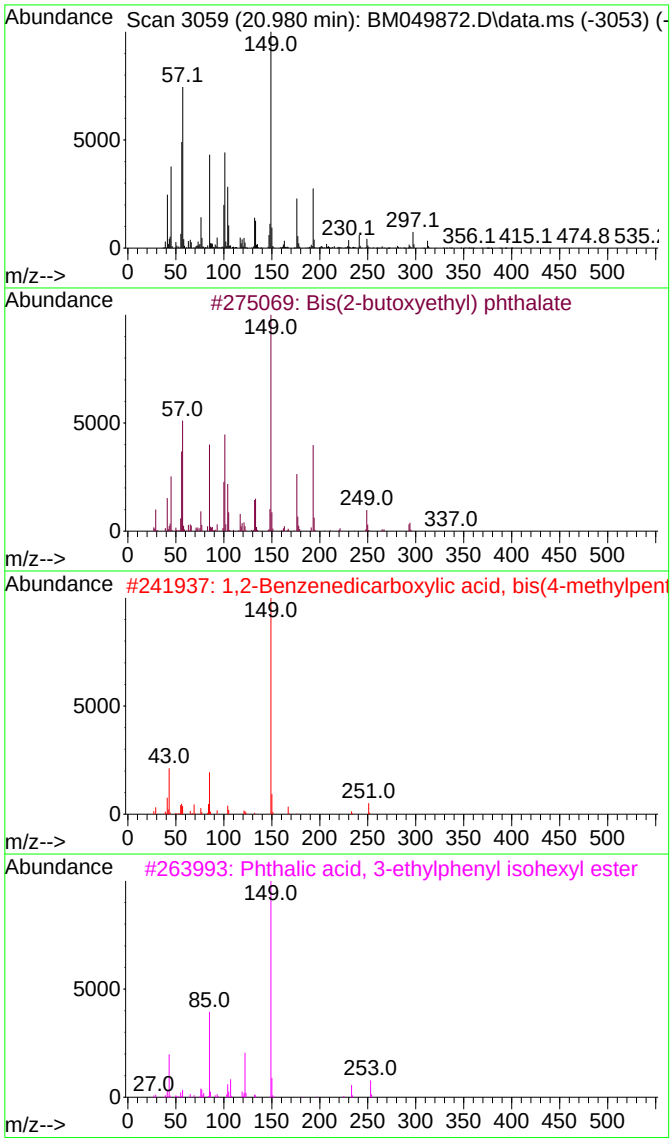
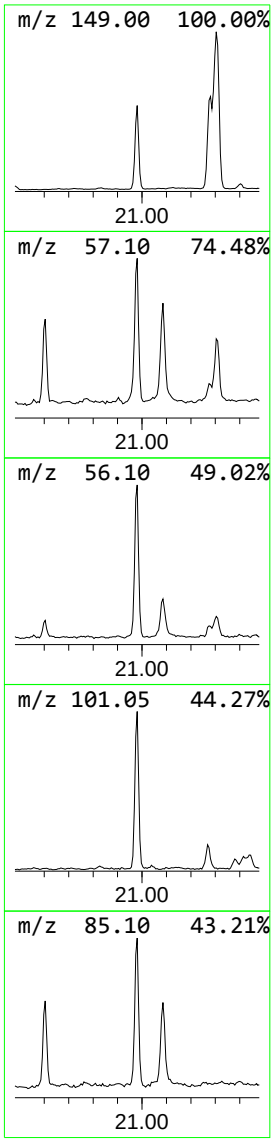
Peak Number 15 unknown20.980 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.980	7.68 ng	2017490	Chrysene-d12	21.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-butoxyethyl) phthalate	366	C20H30O6	000117-83-9	43
2	1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	000146-50-9	35
3	Phthalic acid, 3-ethylphenyl iso...	354	C22H26O4	1000357-08-0	27
4	Phthalic acid, dodecyl oct-3-yl ...	446	C28H46O4	1000377-72-1	22
5	Phthalic acid, decyl 2-methylall...	360	C22H32O4	1000315-83-0	22





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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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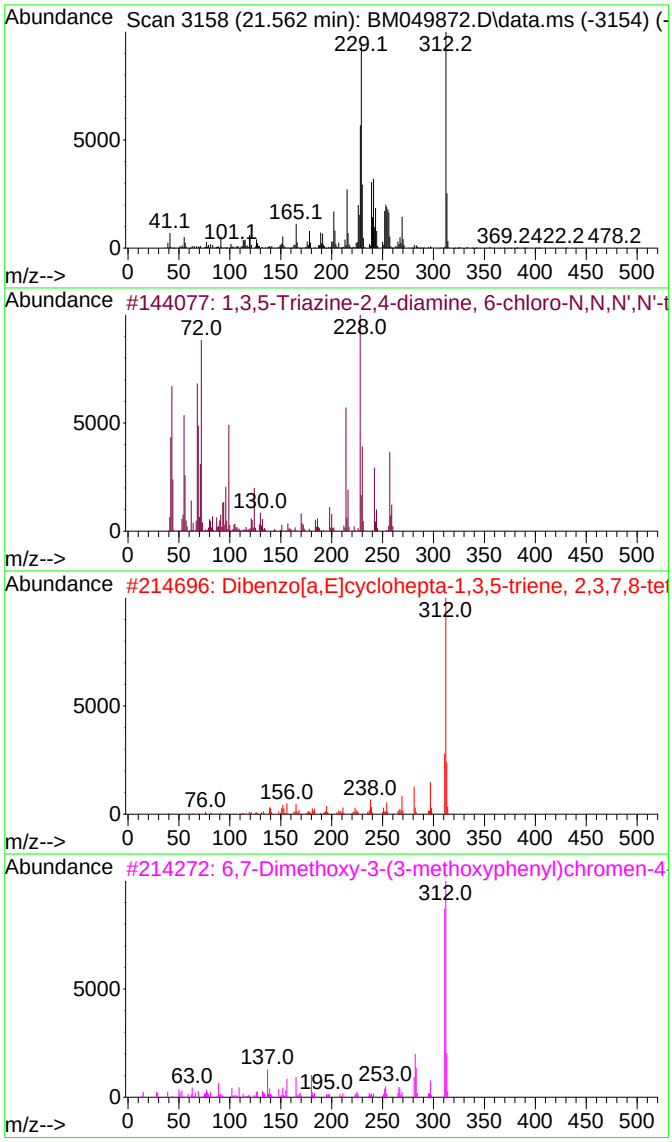
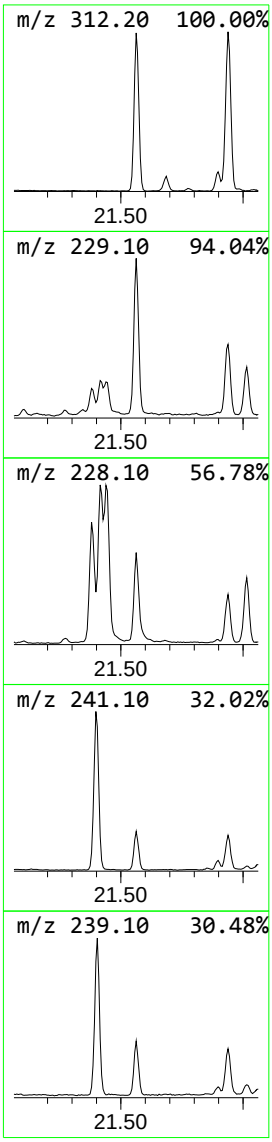
****
Peak Number 16 1,3,5-Triazine-2,4-diamine,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.562	6.82 ng	1789940	Chrysene-d12	21.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazine-2,4-diamine, 6-ch...	257	C11H20ClN5	000580-48-3	53
2	Dibenzo[a,E]cyclohepta-1,3,5-tri...	312	C19H20O4	1000259-94-0	25
3	6,7-Dimethoxy-3-(3-methoxyphenyl...	312	C18H16O5	1010436-52-1	25
4	6-Ethoxycarbonyl-9-methoxy-2,3,7...	312	C18H20N2O3	1000305-49-0	22
5	1-Phenyl-3,6-diazahomoadamantan-...	312	C17H20N4O2	147084-90-0	22





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TIC Library : C:\Database\NIST20.L
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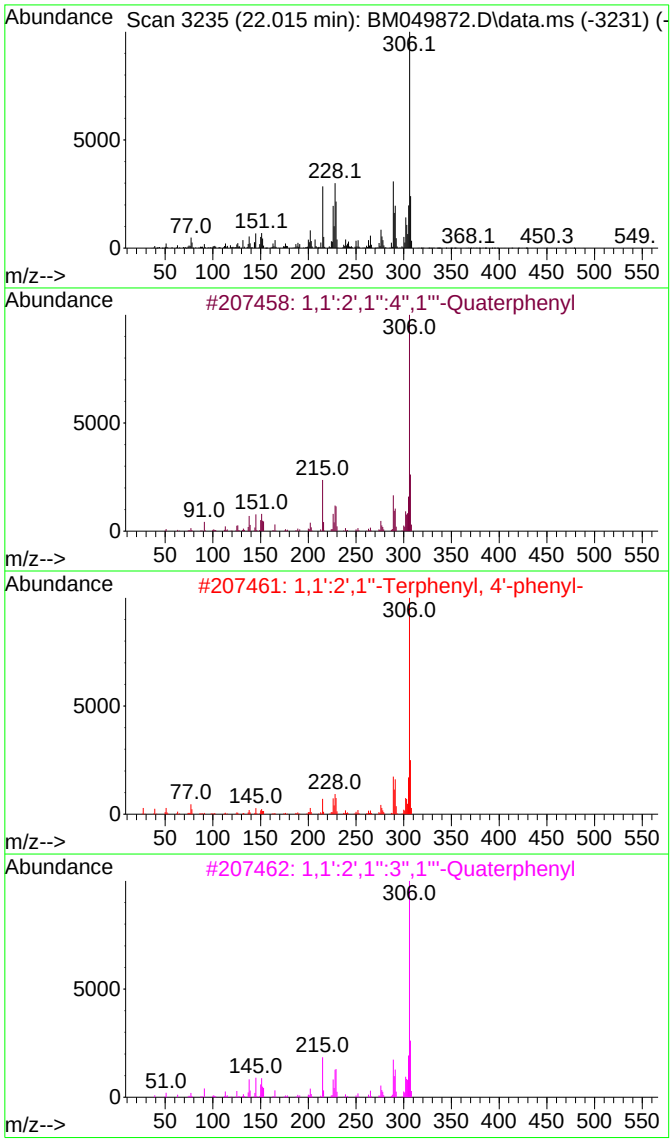
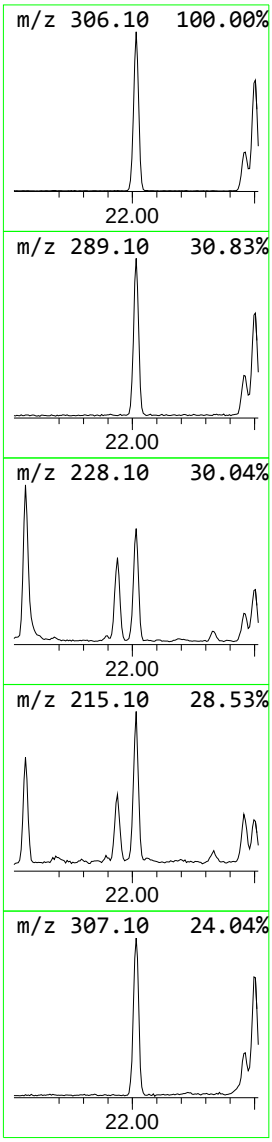
****
Peak Number 17 1,1':2',1'':4'',1'''-Quater... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.015	7.03 ng	1845860	Chrysene-d12	21.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1':2',1'':4'',1'''-Quaterphenyl	306	C24H18	001165-58-8	99
2	1,1':2',1''-Terphenyl, 4'-phenyl-	306	C24H18	001165-53-3	98
3	1,1':2',1'':3'',1'''-Quaterphenyl	306	C24H18	001165-57-7	95
4	1,1':2',1'':2'',1'''-Quaterphenyl	306	C24H18	000641-96-3	93
5	1,1':3',1''-Terphenyl, 5'-phenyl-	306	C24H18	000612-71-5	93





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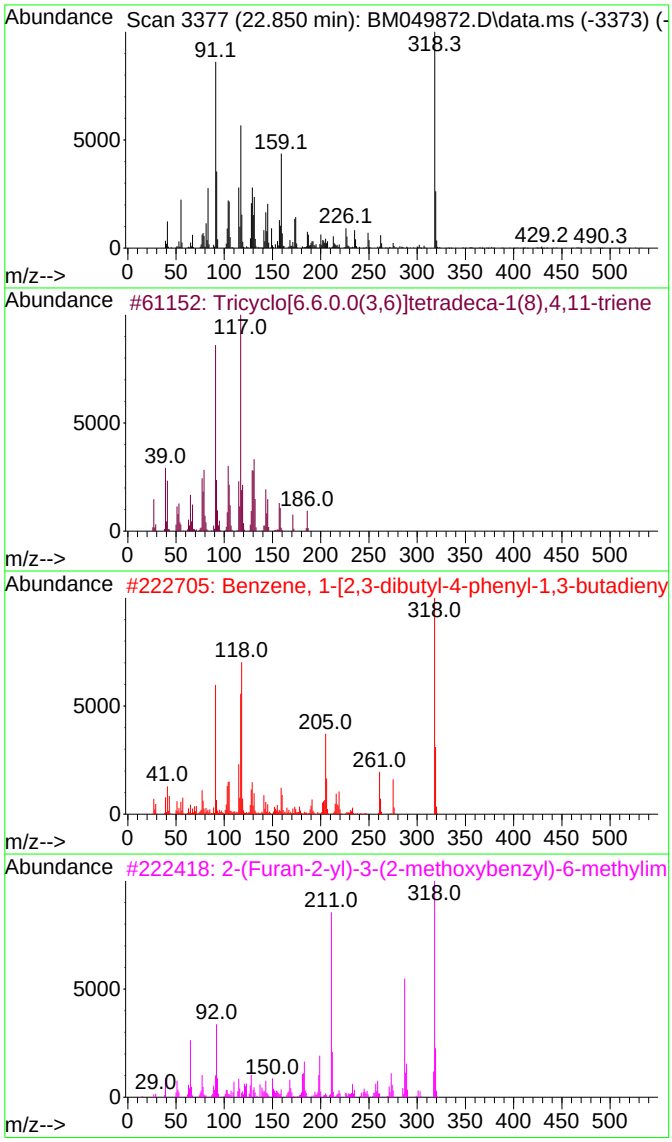
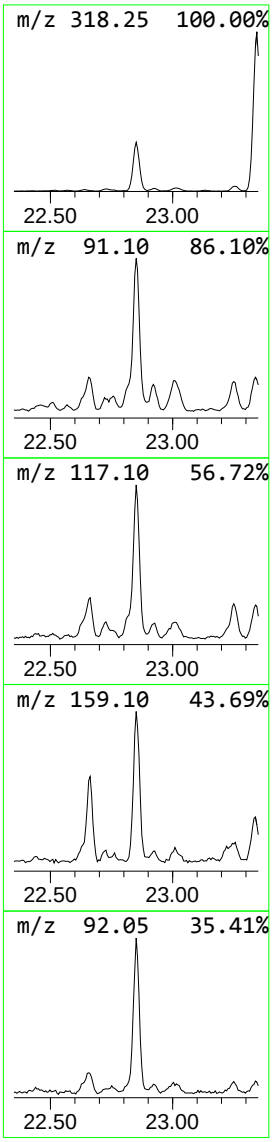
Peak Number 18 unknown22.850 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.850	10.38 ng	2724600	Chrysene-d12	21.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[6.6.0.0(3,6)]tetradeca-...	186	C14H18	1000151-40-9	38
2	Benzene, 1-[2,3-dibutyl-4-phenyl...	318	C24H30	1000197-62-6	37
3	2-(Furan-2-yl)-3-(2-methoxybenzy...	318	C20H18N2O2	1000458-39-9	27
4	Vanadium, (.eta.-5-pentamethylcy...	318	C20H27V	1000157-67-2	27
5	Carbanilide, N-benzylthio-	318	C20H18N2S	003053-39-2	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
Data File : BM049872.D
Acq On : 09 Apr 2025 17:42
Operator : RC/JU
Sample : Q1743-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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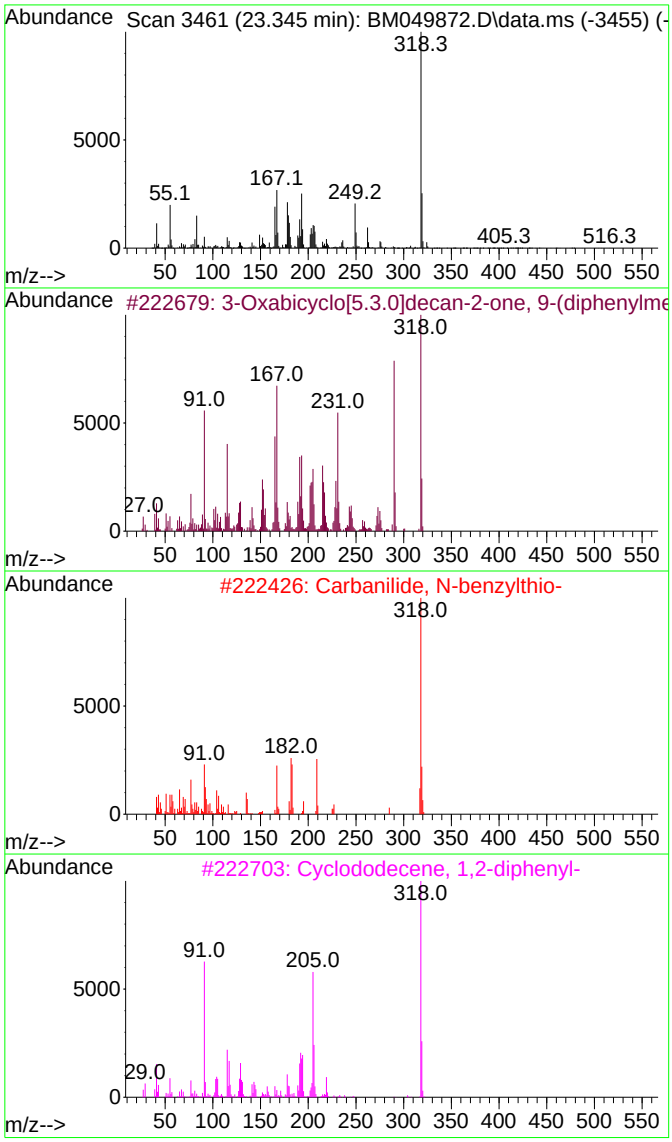
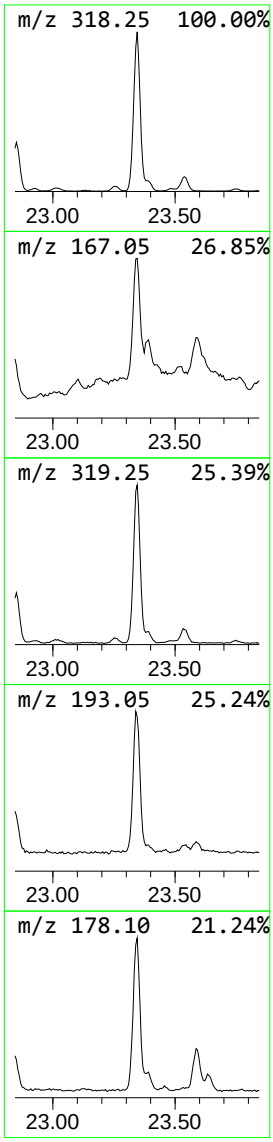
Peak Number 19 unknown23.345 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.345	18.35 ng	4896830	Perylene-d12	24.403

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Oxabicyclo[5.3.0]decan-2-one, ...	318	C22H22O2	1000155-87-9	38
2	Carbanilide, N-benzylthio-	318	C20H18N2S	003053-39-2	38
3	Cyclododecene, 1,2-diphenyl-	318	C24H30	115977-56-5	38
4	Thieno[2,3-b]pyridin-3-amine, 4,...	318	C15H14N2O2S2	1000276-46-0	37
5	2H-Chromene-3-carboxamide, 8-all...	318	C20H18N2O2	313497-20-0	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
Data File : BM049872.D
Acq On : 09 Apr 2025 17:42
Operator : RC/JU
Sample : Q1743-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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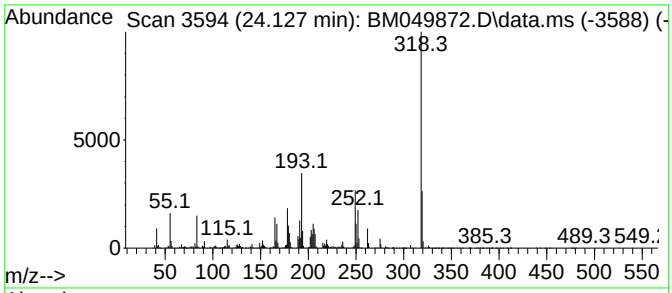
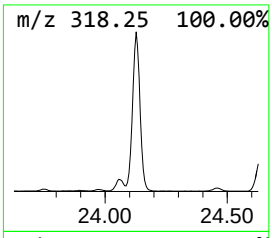
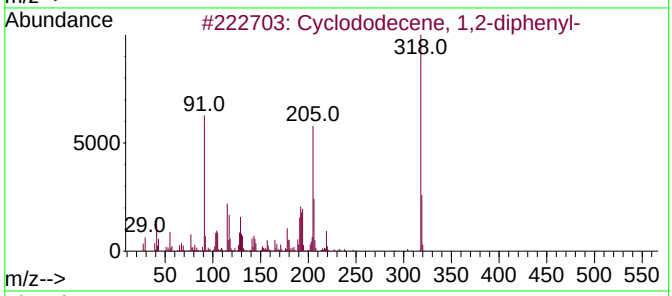
Peak Number 20 unknown24.127 Concentration Rank 9

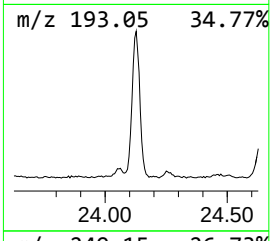
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.127	22.18 ng	5921670	Perylene-d12	24.403

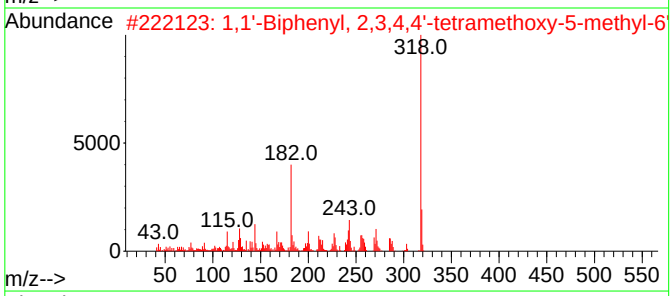
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecene, 1,2-diphenyl-	318	C24H30	115977-56-5	43
2	1,1'-Biphenyl, 2,3,4,4'-tetramet...	318	C18H22O5	124450-87-9	38
3	Androstan-17-one, 3-(formyloxy)-...	318	C20H30O3	004589-75-7	38
4	Phenol, 2-[2,3-dihydro-7-(1,1,2,...	318	C14H14F4N2O2	242460-43-1	37
5	Coronene, 1,2,2a,3,4,4a,5,6,6a,7...	318	C24H30	125379-41-1	37

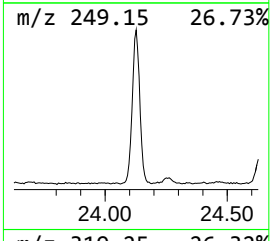


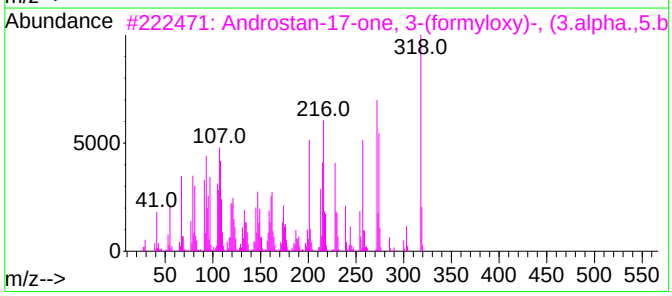


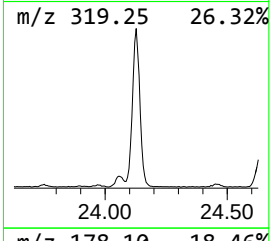


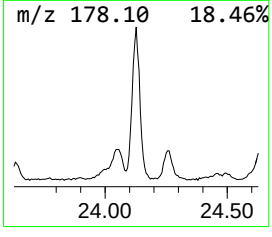












Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
Data File : BM049872.D
Acq On : 09 Apr 2025 17:42
Operator : RC/JU
Sample : Q1743-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.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-...	4.899	8.2	ng	889344	1	7.781	2183050	20.0
Naphthalene, 2,...	14.816	7.4	ng	1544940	3	14.422	4158790	20.0
Benzophenone	15.774	9.2	ng	1919840	3	14.422	4158790	20.0
9H-Fluorene, 9-...	17.633	7.2	ng	1412320	4	17.163	3936740	20.0
o-Terphenyl	17.816	38.4	ng	7558530	4	17.163	3936740	20.0
Tricyclo[8.2.2....	18.080	32.4	ng	6376620	4	17.163	3936740	20.0
p-Dicyclohexylb...	18.615	129.7	ng	25536600	4	17.163	3936740	20.0
unknown18.733	18.733	60.7	ng	11955400	4	17.163	3936740	20.0
Benzenebutanol	18.786	11.8	ng	2331060	4	17.163	3936740	20.0
unknown18.857	18.857	51.9	ng	10210000	4	17.163	3936740	20.0
Bicyclohexyl, 4...	18.951	80.9	ng	15926700	4	17.163	3936740	20.0
unknown18.992	18.992	9.0	ng	1767730	4	17.163	3936740	20.0
cyclohexane, [1...	19.162	197.5	ng	38874100	4	17.163	3936740	20.0
Benzene, 1,1'-c...	19.445	115.8	ng	30399500	5	21.398	5251060	20.0
unknown20.980	20.980	7.7	ng	2017490	5	21.398	5251060	20.0
1,3,5-Triazine-...	21.562	6.8	ng	1789940	5	21.398	5251060	20.0
1,1':2',1'':4''...	22.015	7.0	ng	1845860	5	21.398	5251060	20.0
unknown22.850	22.850	10.4	ng	2724600	5	21.398	5251060	20.0
unknown23.345	23.345	18.4	ng	4896830	6	24.403	5338520	20.0
unknown24.127	24.127	22.2	ng	5921670	6	24.403	5338520	20.0