LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005677.D
Acq On : 02 Jun 2021 21:46
Operator : CG/JU
Sample : M2580-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B3(0-2)

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_P\Methods\8270E-BP052721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005677.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.116	3	5	11	rVB	331498	411128	8.24%	0.785%
2	4.475	231	236	247	rVB	519019	728522	14.60%	1.390%
3	5.087	334	340	350	rBV	1296904	1844642	36.96%	3.520%
4	5.552	414	419	426	rBV2	54723	89815	1.80%	0.171%
5	6.675	604	610	617	rVB	65663	115708	2.32%	0.221%
6	7.152	683	691	698	rBV	303705	504518	10.11%	0.963%
7	7.616	764	770	778	rBV4	46469	119595	2.40%	0.228%
8	7.993	825	834	840	rBV	1247364	1953519	39.14%	3.728%
9	8.057	840	845	850	rVB	50669	80100	1.61%	0.153%
10	8.634	939	943	956	rBV5	21720	62100	1.24%	0.119%
11	9.104	1013	1023	1026	rBV6	30933	68279	1.37%	0.130%
12	9.151	1026	1031	1039	rVV	366927	627915	12.58%	1.198%
13	9.228	1039	1044	1054	rVB2	61823	111974	2.24%	0.214%
14	9.716	1117	1127	1134	rVB7	30305	84002	1.68%	0.160%
15	10.204	1206	1210	1216	rVB5	25404	54961	1.10%	0.105%
16	10.575	1268	1273	1282	rBV	35421	68222	1.37%	0.130%
17	10.798	1301	1311	1316	rBV	1559973	2711048	54.32%	5.174%
18	10.851	1316	1320	1329	rVB	536422	883822	17.71%	1.687%
19	12.216	1547	1552	1559	rVB	81491	116755	2.34%	0.223%
20	12.451	1583	1592	1600	rVB	339238	537504	10.77%	1.026%
21	12.669	1623	1629	1639	rVB	210901	341785	6.85%	0.652%
22	13.163	1709	1713	1719	rVB3	42500	64513	1.29%	0.123%
23	13.245	1719	1727	1733	rBV	1073923	1621698	32.49%	3.095%
24	13.445	1757	1761	1768	rVB2	175223	268700	5.38%	0.513%
25	13.651	1791	1796	1805	rVB	56935	112471	2.25%	0.215%
26	13.781	1811	1818	1819	rBV	86973	119270	2.39%	0.228%
27	13.939	1839	1845	1850	rBV	141184	239061	4.79%	0.456%
28	13.992	1850	1854	1860	rVB	99445	148128	2.97%	0.283%
29	14.069	1860	1867	1870	rBV	89451	153972	3.09%	0.294%
30	14.098	1870	1872	1876	rVB2	57387	66960	1.34%	0.128%
31	14.175	1881	1885	1888	rVB	49797	61469	1.23%	0.117%
32	14.339	1905	1913	1919	rBV	85929	150797	3.02%	0.288%
33	14.451	1928	1932	1938	rBV4	35981	65126	1.30%	0.124%
34	14.510	1938	1942	1950	rVB	157933	203640	4.08%	0.389%
35	14.616	1950	1960	1965	rBV	2211116	3391469	67.96%	6.472%
36	14.675	1965	1970	1978	rVB	438557	683674	13.70%	1.305%

LSC Area Percent Report

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Data File : BP005677.D
Acq On : 02 Jun 2021 21:46
Operator : CG/JU
Sample : M2580-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B3(0-2)

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_P\Methods\8270E-BP052721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.828	1990	1996	2003	rVB	41207	108761	2.18%	0.208%
38	14.922	2006	2012	2016	rBV3	37276	73518	1.47%	0.140%
39	15.010	2022	2027	2033	rVB	334992	484557	9.71%	0.925%
40	15.086	2036	2040	2043	rVV	62353	93844	1.88%	0.179%
41	15.128	2045	2047	2054	rVB7	35505	58292	1.17%	0.111%
42	15.233	2061	2065	2069	rVV	39904	58393	1.17%	0.111%
43	15.281	2069	2073	2078	rVB	50935	69593	1.39%	0.133%
44	15.398	2087	2093	2096	rBV2	45280	82265	1.65%	0.157%
45	15.457	2100	2103	2108	rVB	175494	208157	4.17%	0.397%
46	15.657	2131	2137	2142	rBV	386928	577324	11.57%	1.102%
47	15.822	2161	2165	2169	rBV3	65712	80358	1.61%	0.153%
48	15.869	2169	2173	2176	rVB2	84529	110264	2.21%	0.210%
49	15.951	2183	2187	2193	rVB	95015	174455	3.50%	0.333%
50	16.098	2206	2212	2219	rVB	78066	179344	3.59%	0.342%
51	16.322	2246	2250	2252	rBV	212551	284443	5.70%	0.543%
52	16.663	2305	2308	2312	rVB3	76873	99065	1.99%	0.189%
53	16.710	2313	2316	2322	rVB3	61574	96341	1.93%	0.184%
54	16.927	2351	2353	2357	rVB3	49037	53746	1.08%	0.103%
55	17.010	2363	2367	2371	rBV	122919	172509	3.46%	0.329%
56	17.051	2371	2374	2377	rVV	85543	107508	2.15%	0.205%
57	17.116	2381	2385	2389	rVV	253342	359161	7.20%	0.685%
58	17.175	2390	2395	2404	rVB2	268873	444738	8.91%	0.849%
59	17.357	2420	2426	2430	rBV	2505909	3685719	73.85%	7.034%
60	17.398	2430	2433	2439	rVB	3090599	4196472	84.09%	8.009%
61	17.492	2444	2449	2454	rVV	664131	977897	19.59%	1.866%
62	17.551	2455	2459	2463	rVB4	58296	104381	2.09%	0.199%
63	17.757	2490	2494	2501	rVB	210221	314717	6.31%	0.601%
64	17.851	2507	2510	2520	rVB2	206055	287522	5.76%	0.549%
65	17.933	2522	2524	2527	rVB	65220	63601	1.27%	0.121%
66	18.222	2568	2573	2576	rBV	358165	487557	9.77%	0.930%
67	18.269	2576	2581	2586	rVB	418967	601339	12.05%	1.148%
68	18.345	2590	2594	2597	rBV	156521	198406	3.98%	0.379%
69	18.404	2599	2604	2608	rBV2	419797	757903	15.19%	1.446%
70	18.516	2620	2623	2627	rBV	199015	247712	4.96%	0.473%
71	18.698	2651	2654	2658	rBV	212035	247173	4.95%	0.472%
72	19.357	2761	2766	2772	rBV	2618069	3413464	68.40%	6.514%
73	19.680	2817	2821	2822	rBV2	556253	670642	13.44%	1.280%
74	19.710	2822	2826	2833	rVB	2071607	2988628	59.88%	5.704%
75	19.898	2854	2858	2862	rVB	1693218	1999762	40.07%	3.816%
76	21.427	3112	3118	3122	rBV2	2814615	4990654	100.00%	9.524%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005677.D
Acq On : 02 Jun 2021 21:46
Operator : CG/JU
Sample : M2580-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)

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_P\Methods\8270E-BP052721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	23.874	3531	3534	3541	rVB2	1778445	3321498	66.55%	6.339%

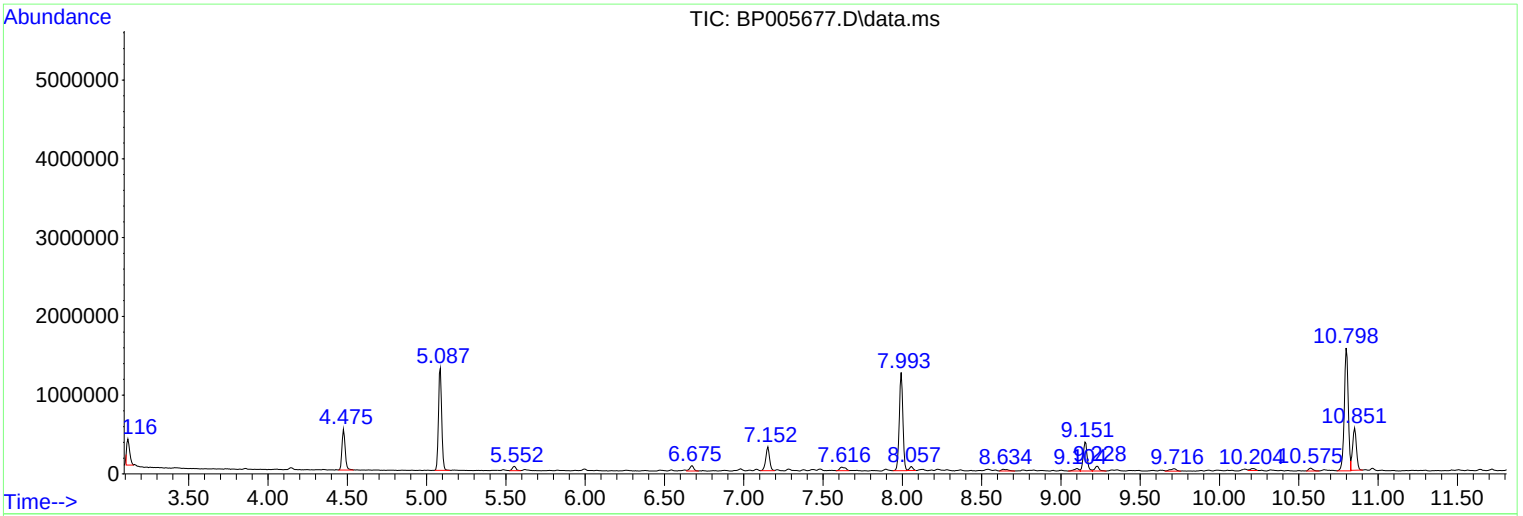
Sum of corrected areas: 52398545

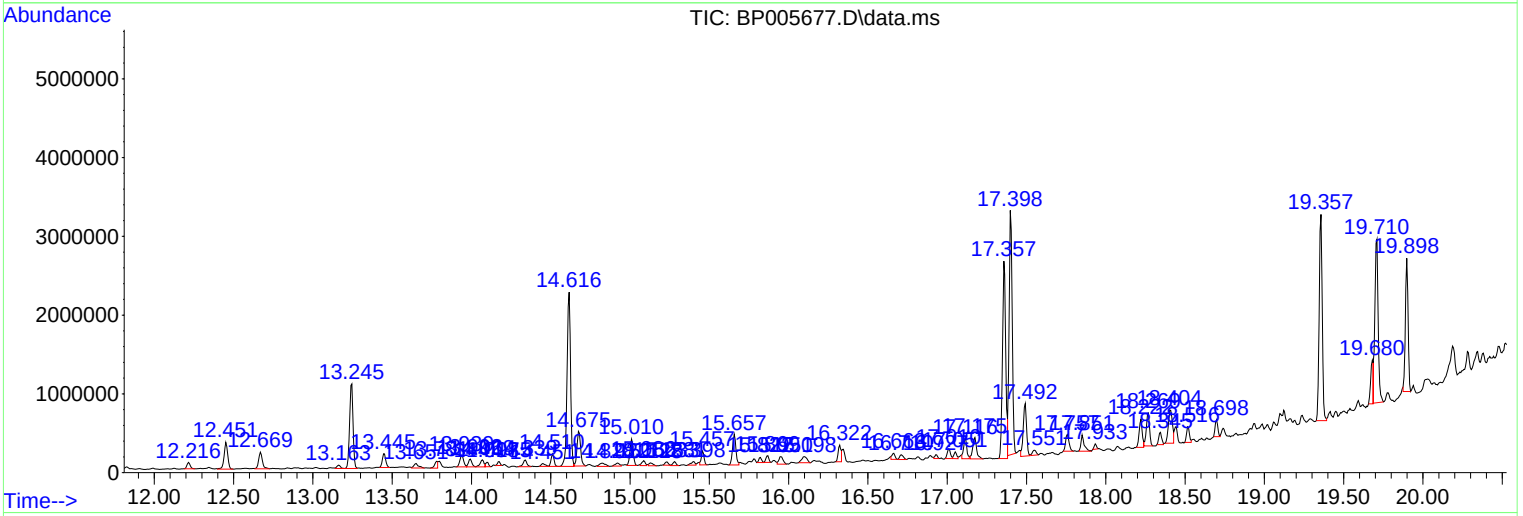
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005677.D
Acq On : 02 Jun 2021 21:46
Operator : CG/JU
Sample : M2580-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

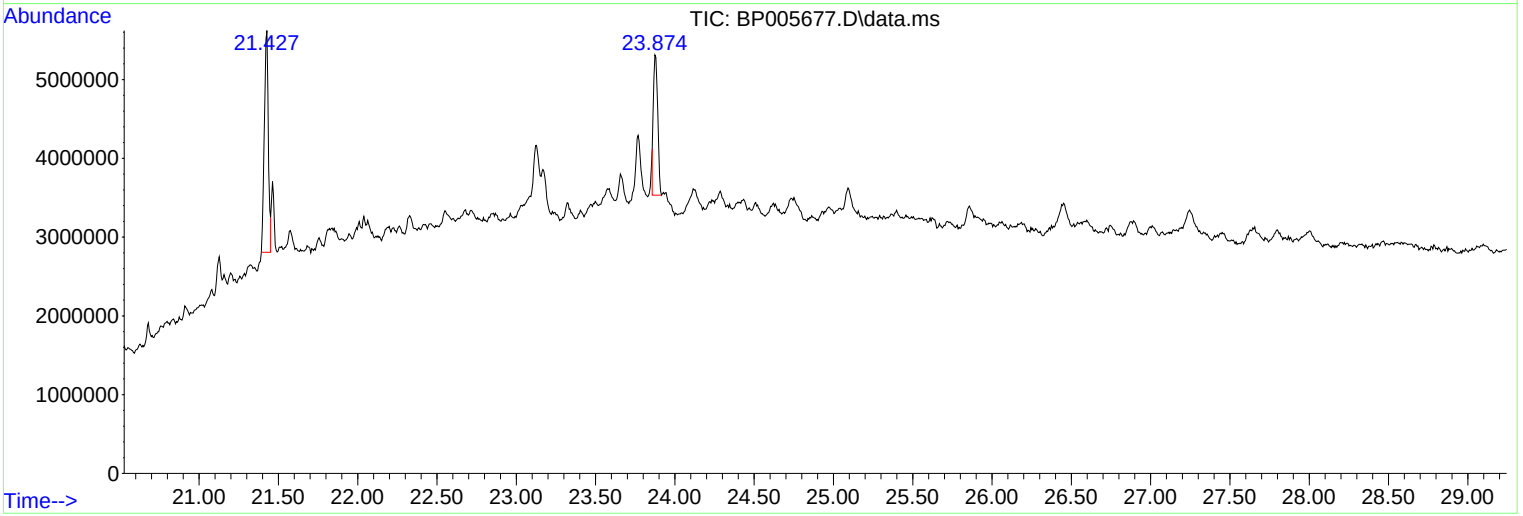
Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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\BP060221\
Data File : BP005677.D
Acq On : 02 Jun 2021 21:46
Operator : CG/JU
Sample : M2580-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)

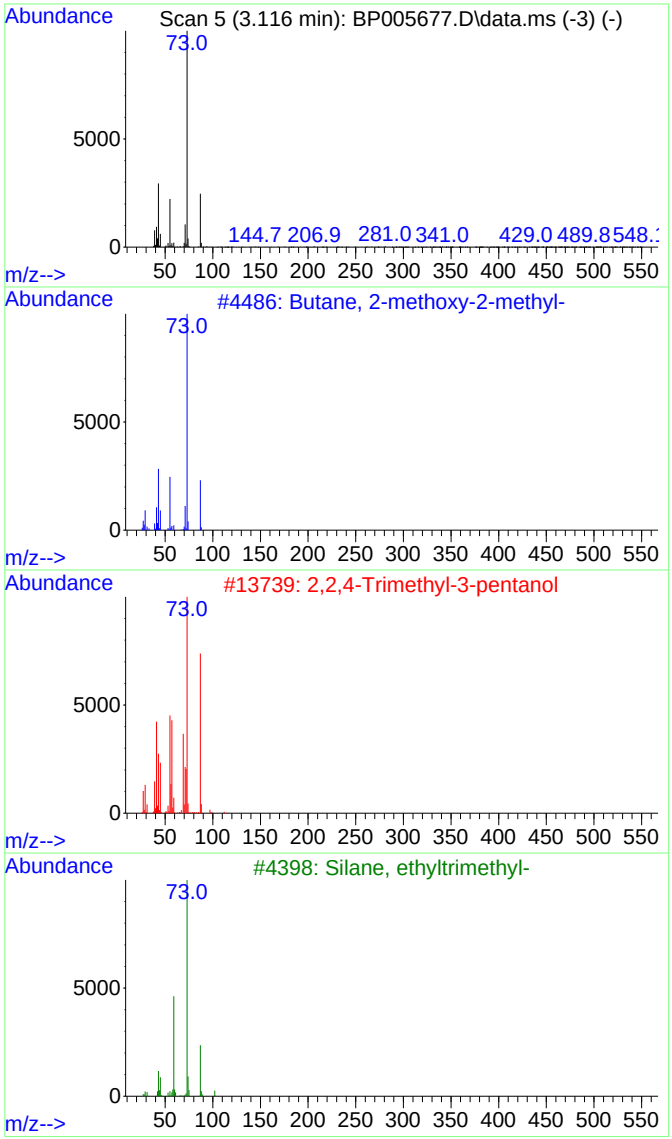
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

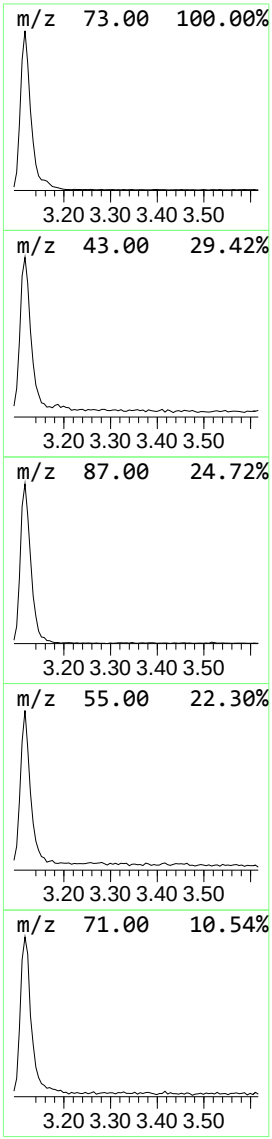
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.116	4.21 ng	411128	1,4-Dichlorobenzene-d4	7.993

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005677.D
Acq On : 02 Jun 2021 21:46
Operator : CG/JU
Sample : M2580-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)

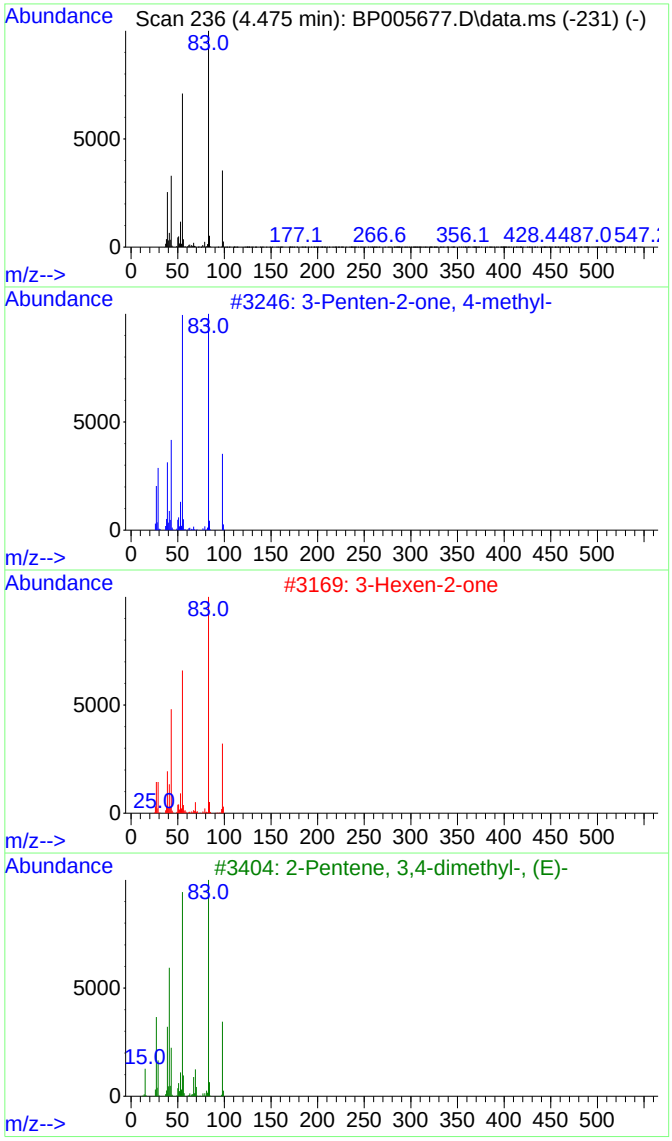
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

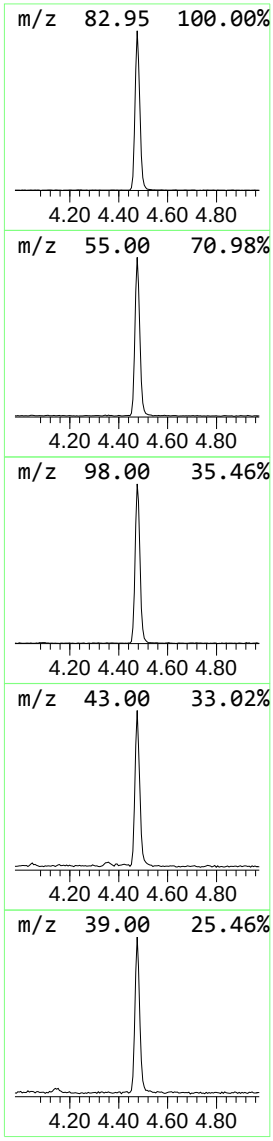
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.475	7.46 ng	728522	1,4-Dichlorobenzene-d4	7.993

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005677.D
Acq On : 02 Jun 2021 21:46
Operator : CG/JU
Sample : M2580-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)

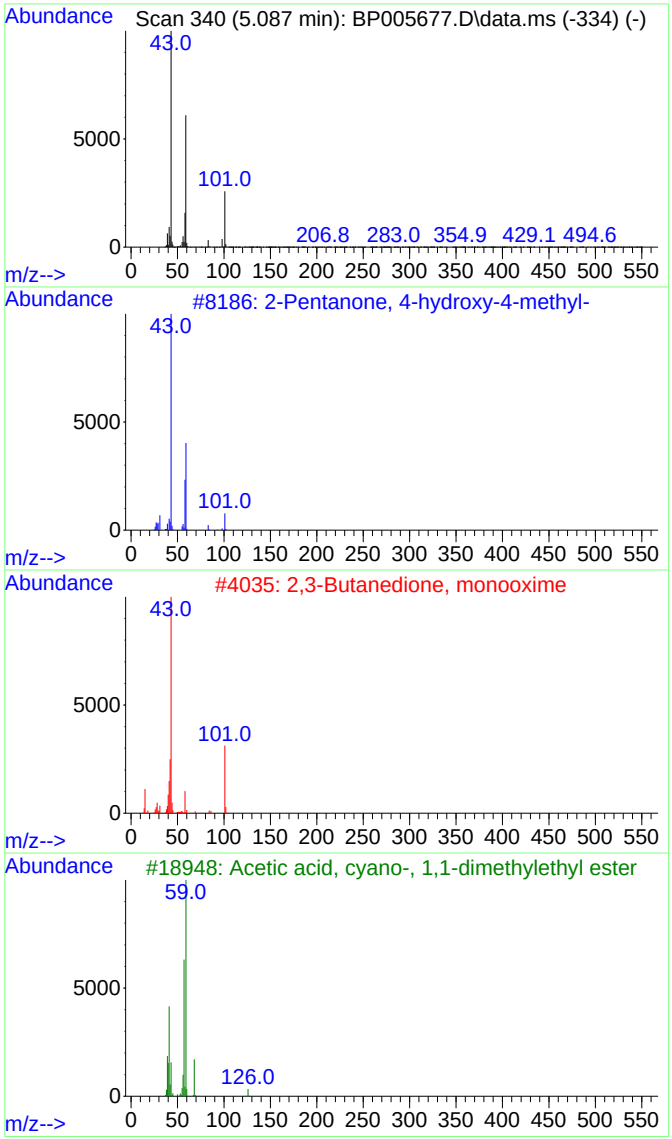
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

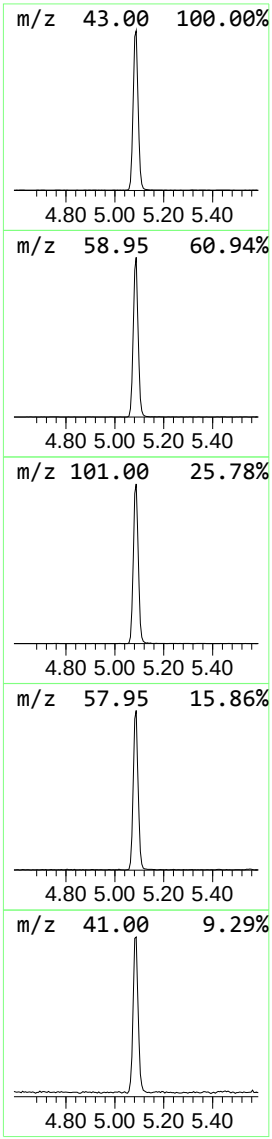
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	18.89 ng	1844640	1,4-Dichlorobenzene-d4	7.993

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Acetone	58	C3H6O	000067-64-1	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005677.D
Acq On : 02 Jun 2021 21:46
Operator : CG/JU
Sample : M2580-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)

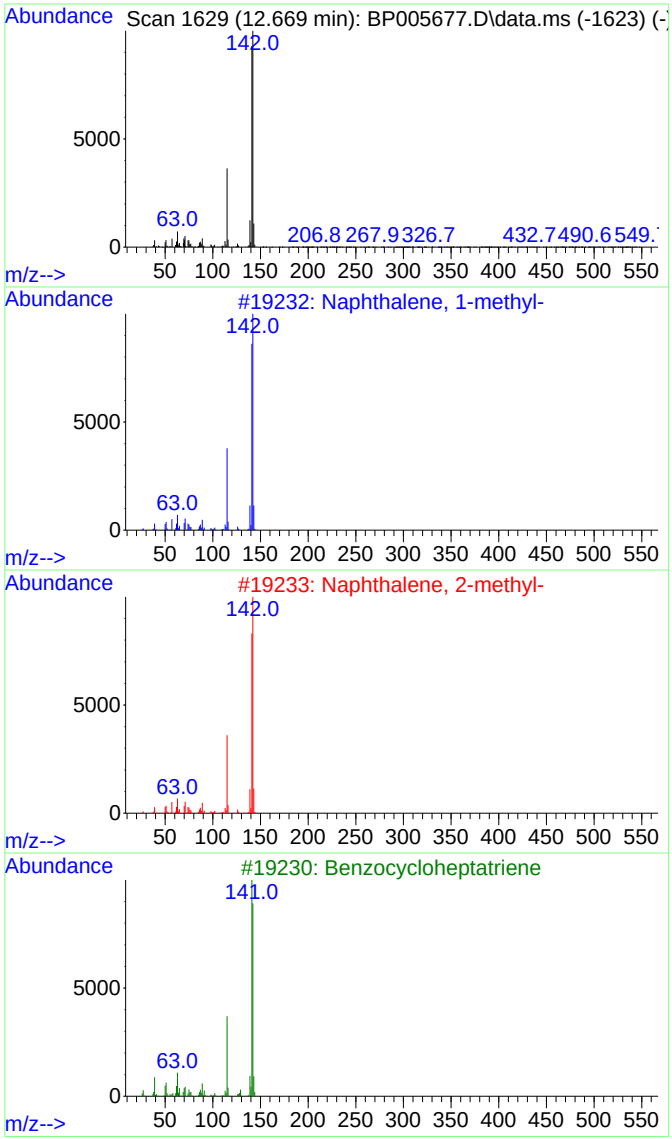
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

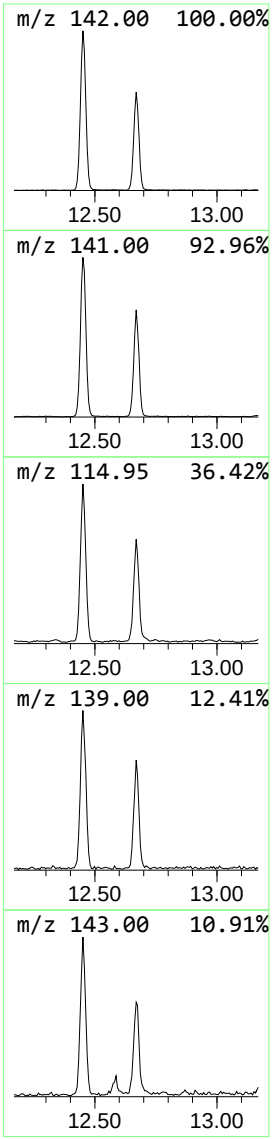
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.669	2.52 ng	341785	Naphthalene-d8	10.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	3,4-Difluorobenzaldehyde	142	C7H4F2O	034036-07-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005677.D
Acq On : 02 Jun 2021 21:46
Operator : CG/JU
Sample : M2580-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B3(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

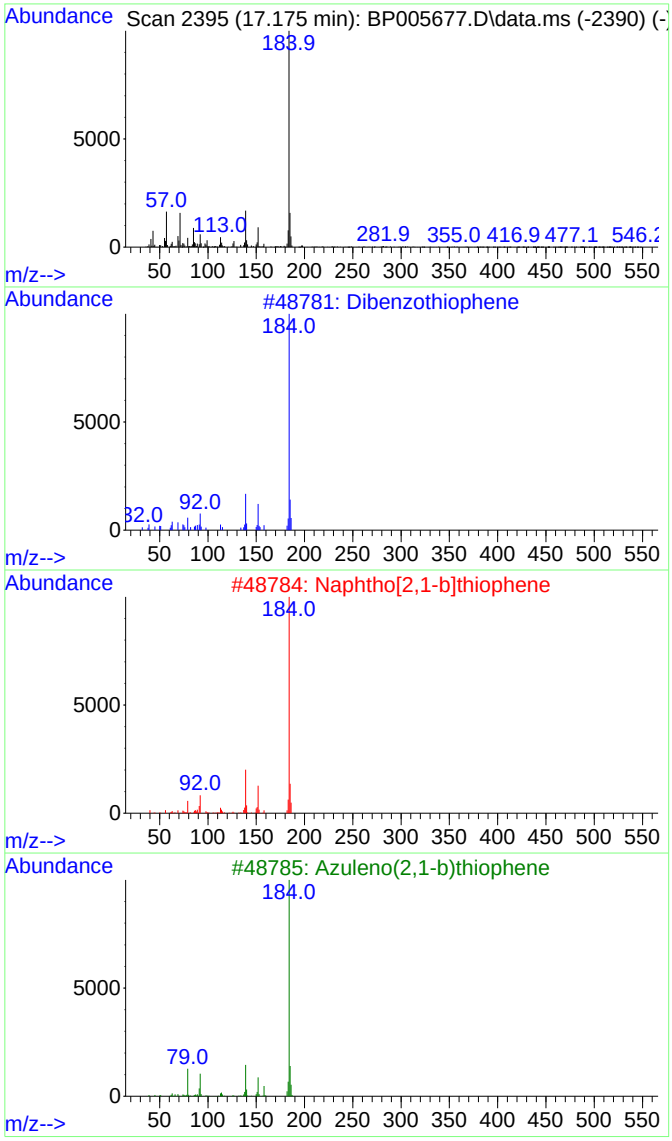
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

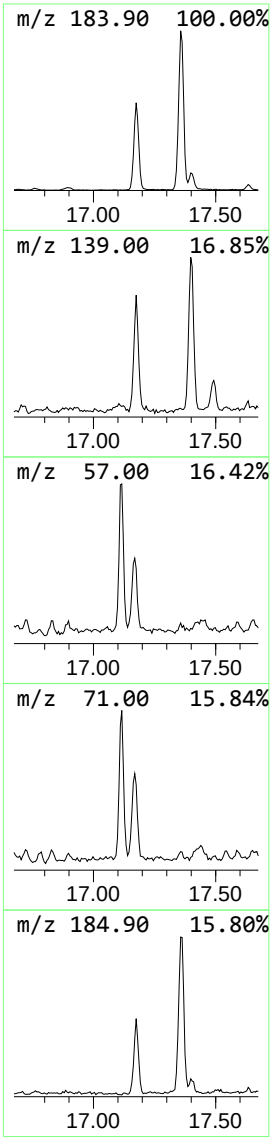
****

Peak Number 5 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.174	2.41 ng	444738	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005677.D
Acq On : 02 Jun 2021 21:46
Operator : CG/JU
Sample : M2580-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

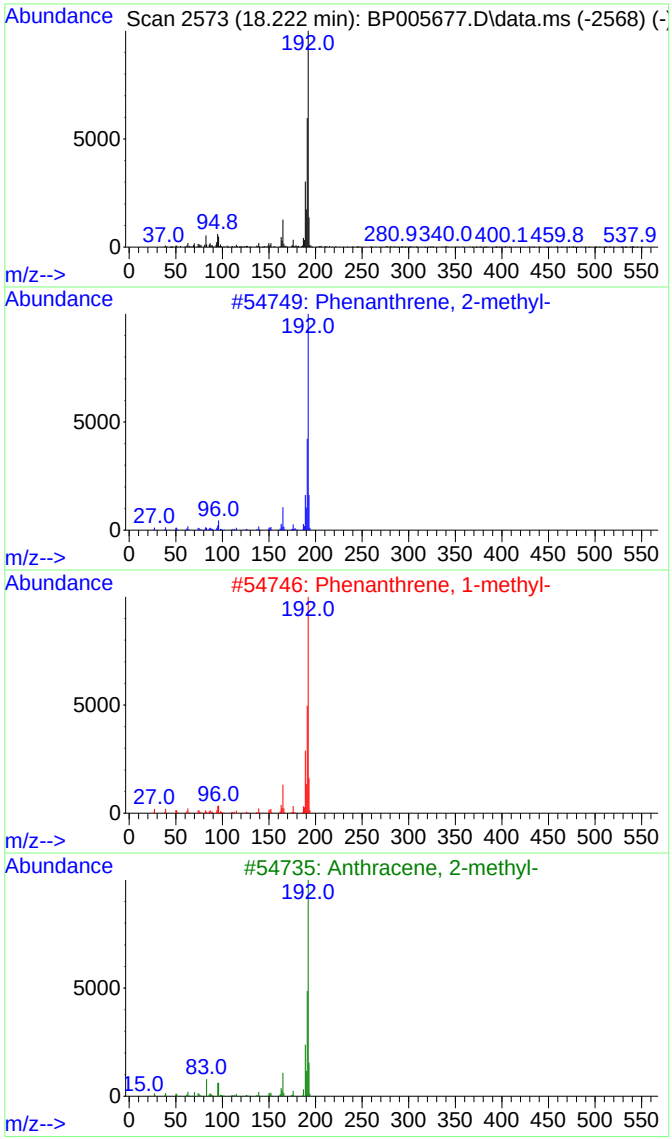
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

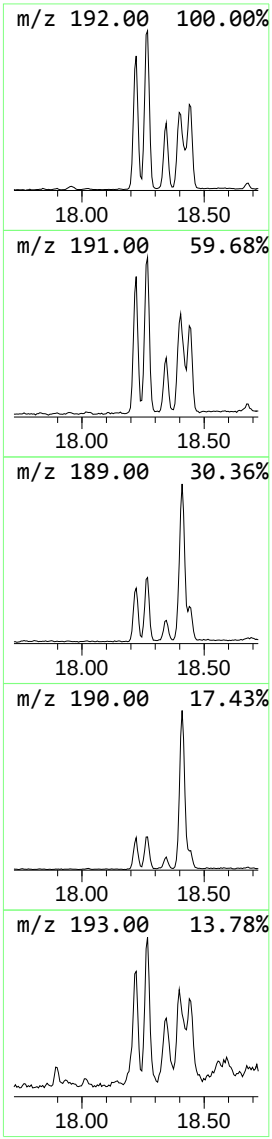
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.221	2.65 ng	487557	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005677.D
Acq On : 02 Jun 2021 21:46
Operator : CG/JU
Sample : M2580-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)

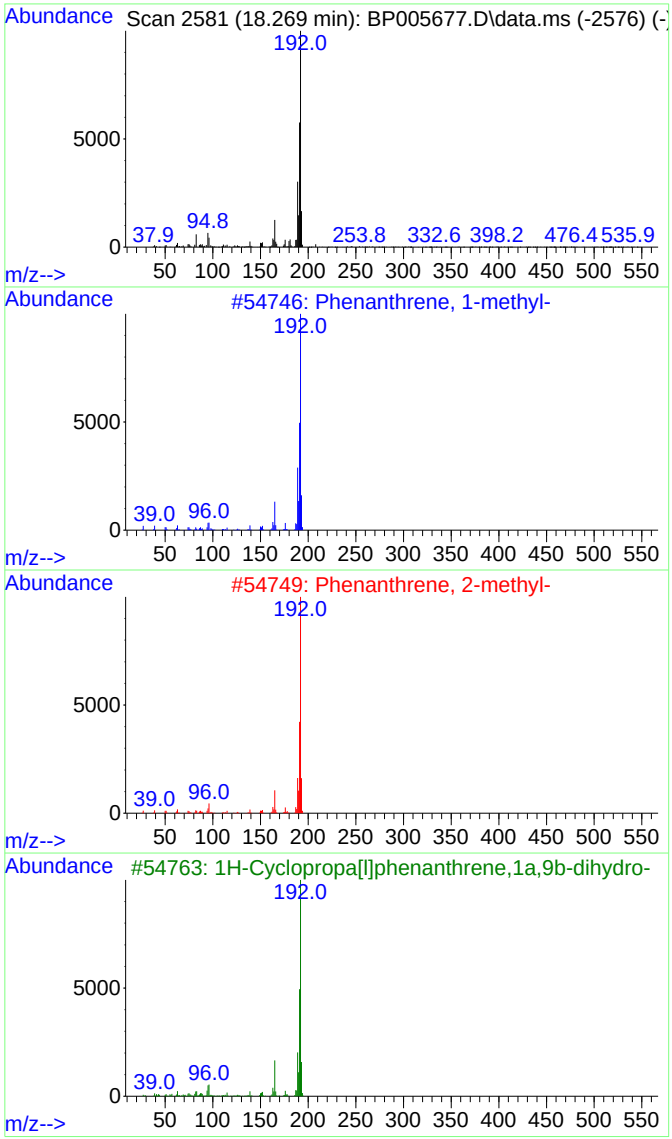
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

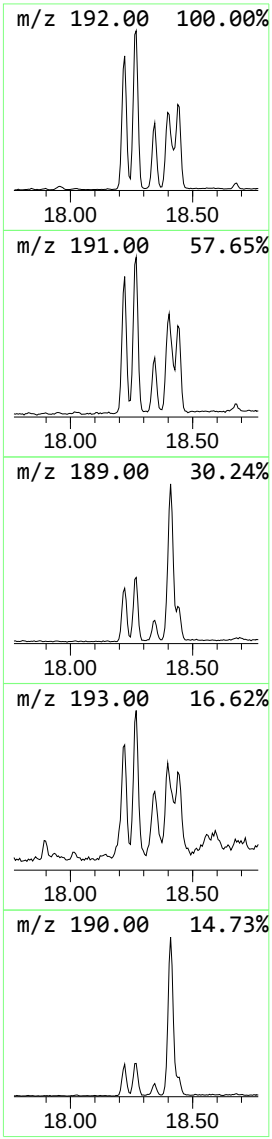
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.269	3.26 ng	601339	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005677.D
Acq On : 02 Jun 2021 21:46
Operator : CG/JU
Sample : M2580-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)

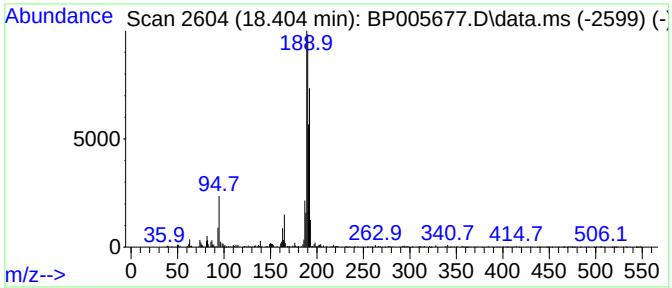
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

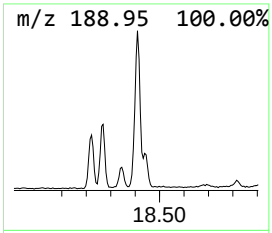
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

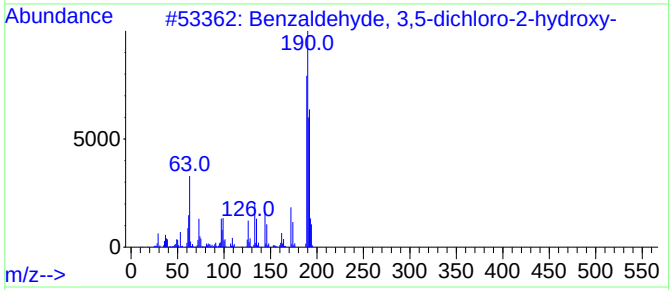
****
Peak Number 8 Benzaldehyde, 3,5-dichloro-... Concentration Rank 4

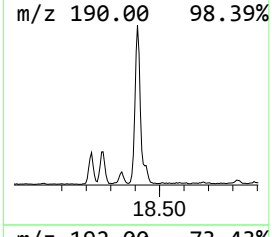
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.404	4.11 ng	757903	Phenanthrene-d10	17.357

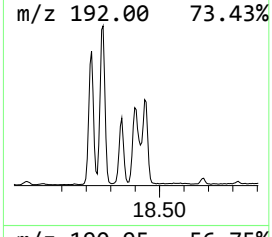
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	41

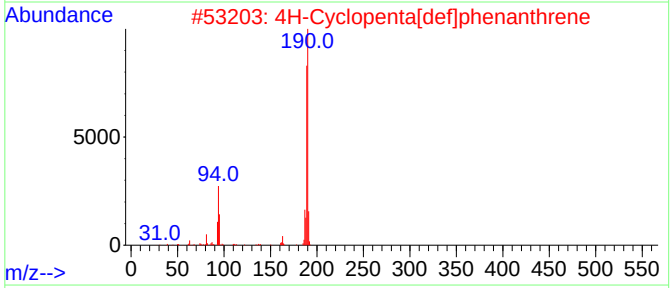


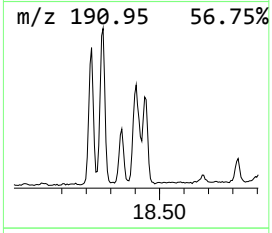


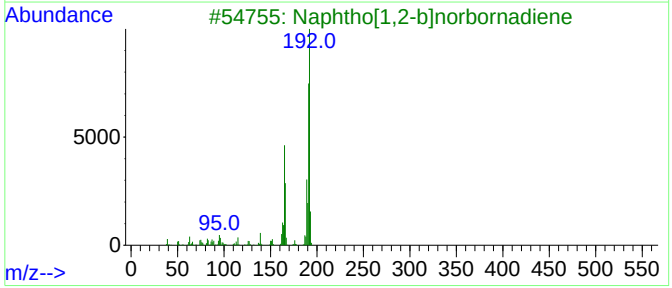


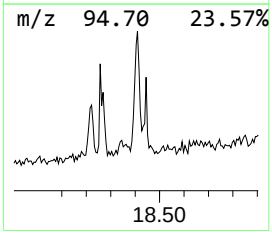












Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005677.D
Acq On : 02 Jun 2021 21:46
Operator : CG/JU
Sample : M2580-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B3(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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
Butane, 2-metho...	3.116	4.2	ng	411128	1	7.993	1953520	20.0
3-Penten-2-one,...	4.475	7.5	ng	728522	1	7.993	1953520	20.0
2-Pentanone, 4-...	5.087	18.9	ng	1844640	1	7.993	1953520	20.0
Naphthalene, 1-...	12.669	2.5	ng	341785	2	10.798	2711050	20.0
Dibenzothiophene	17.174	2.4	ng	444738	4	17.357	3685720	20.0
Phenanthrene, 2...	18.221	2.6	ng	487557	4	17.357	3685720	20.0
Phenanthrene, 1...	18.269	3.3	ng	601339	4	17.357	3685720	20.0
Benzaldehyde, 3...	18.404	4.1	ng	757903	4	17.357	3685720	20.0