LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130981.D
Acq On : 04 Nov 2022 02:40
Operator : CG\JU
Sample : N5397-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ALBANY-STREET

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_F\Methods\8270-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130981.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.181	10	16	24	rVB	483427	622429	40.37%	3.938%
2	2.293	30	35	44	rVB	31707	46327	3.00%	0.293%
3	5.134	513	518	528	rVB	402259	433774	28.13%	2.745%
4	5.534	581	586	589	rBV	1609679	1442303	93.54%	9.126%
5	5.934	650	654	657	rVB	18647	17740	1.15%	0.112%
6	6.540	752	757	760	rBV	1579368	1371942	88.97%	8.681%
7	6.916	818	821	825	rBV	535412	462733	30.01%	2.928%
8	7.481	913	917	920	rBV	1054733	843436	54.70%	5.337%
9	8.204	1036	1040	1043	rBV	664507	521089	33.79%	3.297%
10	9.281	1219	1223	1226	rBV	1748416	1357912	88.06%	8.592%
11	9.828	1312	1316	1318	rBV	28056	26528	1.72%	0.168%
12	9.963	1335	1339	1343	rBV	688143	557969	36.19%	3.531%
13	10.163	1368	1373	1378	rVB3	12046	18857	1.22%	0.119%
14	10.386	1404	1411	1415	rVB3	14644	21837	1.42%	0.138%
15	10.516	1429	1433	1435	rBV2	16026	17674	1.15%	0.112%
16	10.757	1470	1474	1477	rBV	1037118	918032	59.54%	5.809%
17	10.880	1493	1495	1501	rVB5	22599	29915	1.94%	0.189%
18	10.939	1501	1505	1509	rBV	26411	46631	3.02%	0.295%
19	11.069	1522	1527	1528	rBV5	11765	16870	1.09%	0.107%
20	11.116	1533	1535	1539	rVB3	24130	26871	1.74%	0.170%
21	11.157	1539	1542	1544	rBV	22367	23951	1.55%	0.152%
22	11.310	1564	1568	1571	rBV4	19844	23400	1.52%	0.148%
23	11.404	1580	1584	1587	rBV5	13804	16706	1.08%	0.106%
24	11.457	1589	1593	1595	rVV	744936	618386	40.10%	3.913%
25	11.480	1595	1597	1600	rVV	300080	245245	15.90%	1.552%
26	11.533	1603	1606	1609	rVV	85405	66925	4.34%	0.423%
27	11.786	1647	1649	1655	rBV7	11397	20869	1.35%	0.132%
28	11.963	1676	1679	1680	rBV	40412	36175	2.35%	0.229%
29	11.986	1681	1683	1686	rVV	64544	56401	3.66%	0.357%
30	12.039	1689	1692	1694	rVV	24696	24961	1.62%	0.158%
31	12.074	1694	1698	1700	rVV2	83129	91588	5.94%	0.580%
32	12.098	1700	1702	1705	rVB	35720	31939	2.07%	0.202%
33	12.257	1726	1729	1731	rBV	42807	34398	2.23%	0.218%
34	12.280	1731	1733	1736	rVB	31818	27047	1.75%	0.171%
35	12.510	1769	1772	1775	rBV	45773	49590	3.22%	0.314%
36	12.551	1775	1779	1781	rVV3	32610	46864	3.04%	0.297%

LSC Area Percent Report

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Acq On : 04 Nov 2022 02:40
Operator : CG\JU
Sample : N5397-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ALBANY-STREET

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_F\Methods\8270-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.598	1784	1787	1792	rVV	53531	58965	3.82%	0.373%
38	12.674	1797	1800	1804	rBV	752107	658200	42.69%	4.165%
39	12.910	1833	1840	1843	rBV	653461	727057	47.15%	4.600%
40	13.045	1857	1863	1867	rBV	1605226	1541969	100.00%	9.757%
41	13.127	1872	1877	1881	rBV2	48687	94507	6.13%	0.598%
42	13.233	1893	1895	1898	rVB	92610	78078	5.06%	0.494%
43	13.304	1904	1907	1909	rVB	38765	33250	2.16%	0.210%
44	13.339	1910	1913	1916	rVV2	72681	68978	4.47%	0.436%
45	13.433	1927	1929	1931	rBV	42052	30853	2.00%	0.195%
46	13.616	1958	1960	1963	rBV2	43931	34261	2.22%	0.217%
47	13.745	1979	1982	1986	rVB	56521	58625	3.80%	0.371%
48	13.910	2008	2010	2011	rBV	54355	36655	2.38%	0.232%
49	13.951	2014	2017	2020	rVB3	86532	96645	6.27%	0.612%
50	14.110	2039	2044	2046	rBV2	607412	731205	47.42%	4.627%
51	14.133	2046	2048	2054	rVB	296985	268412	17.41%	1.698%
52	14.204	2057	2060	2066	rBV2	198309	216672	14.05%	1.371%
53	15.174	2222	2225	2228	rBV	204517	276705	17.94%	1.751%
54	15.557	2287	2290	2297	rVB	171804	239152	15.51%	1.513%
55	15.621	2298	2301	2305	rBV2	264227	338728	21.97%	2.143%

Sum of corrected areas: 15804231

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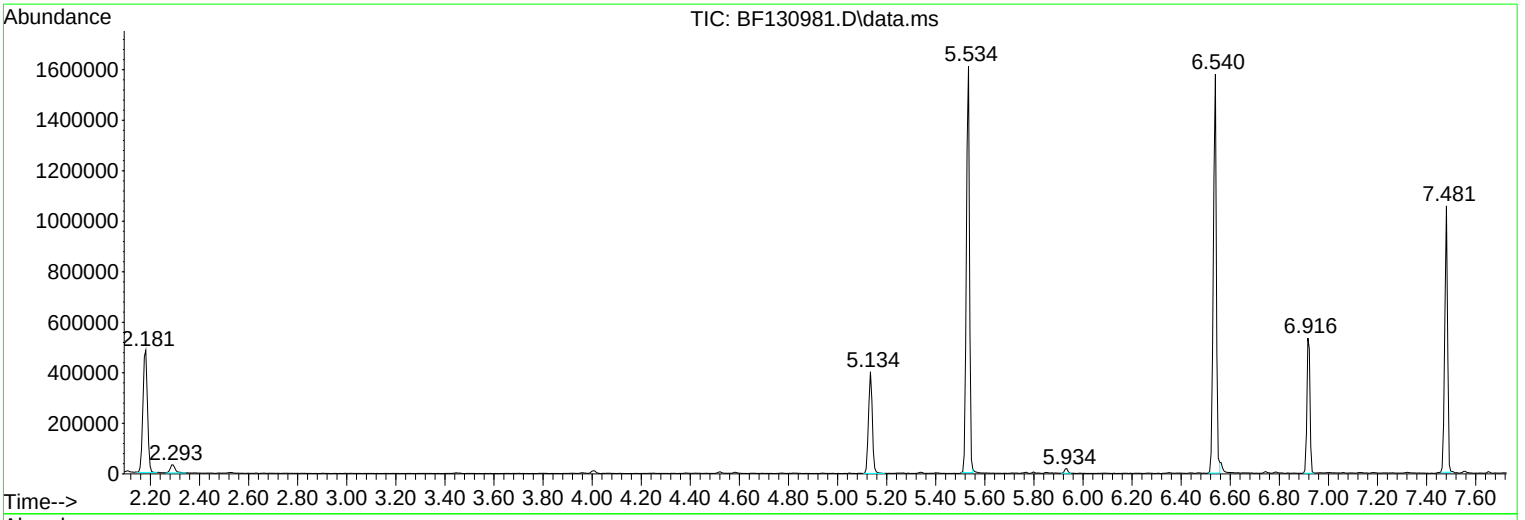
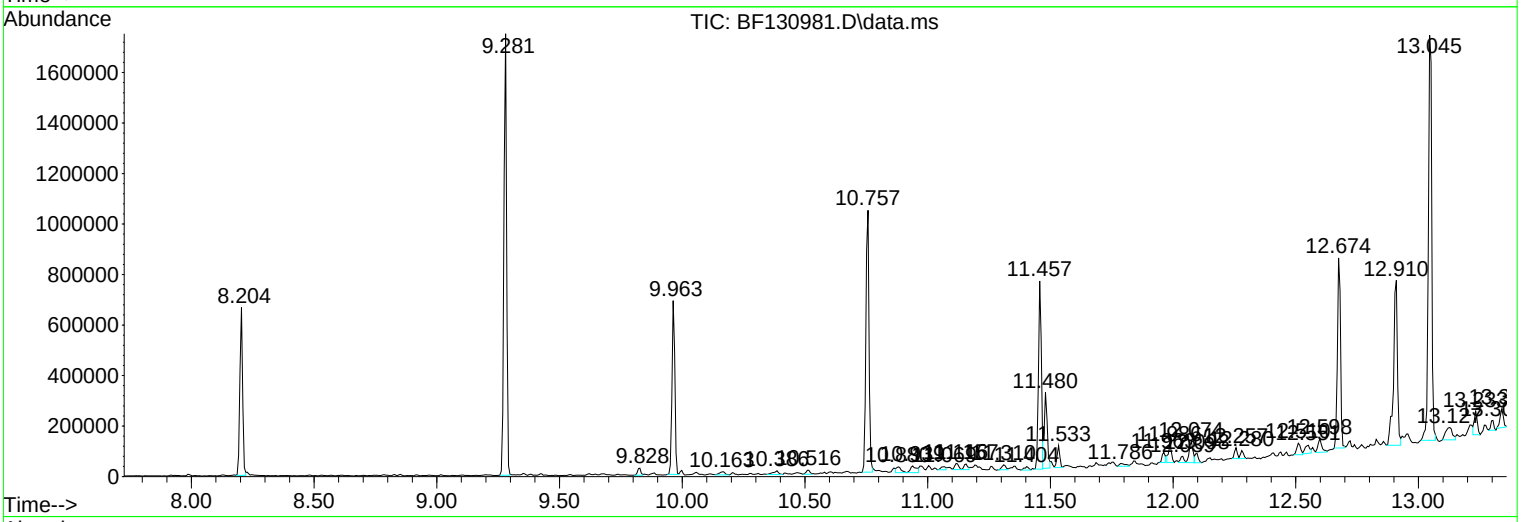
ALS Vial : 18 Sample Multiplier: 1

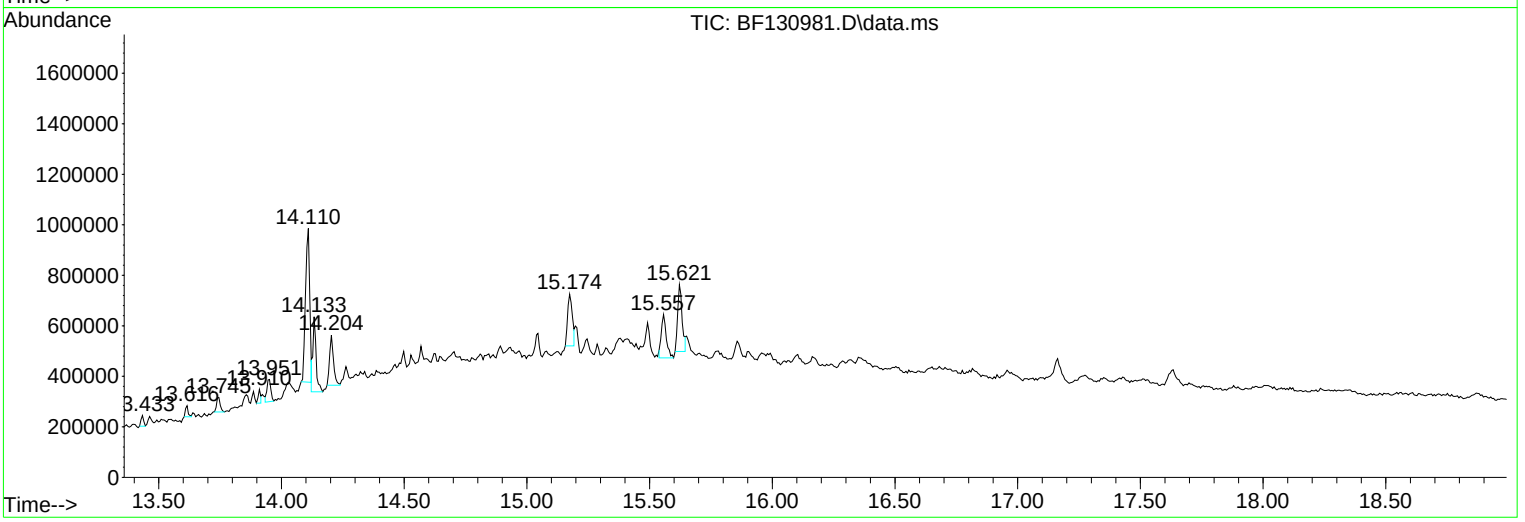
Instrument :
BNA_F
ClientSampleId :
ALBANY-STREET

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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_F\Data\BF110322\
Data File : BF130981.D
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Operator : CG\JU
Sample : N5397-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
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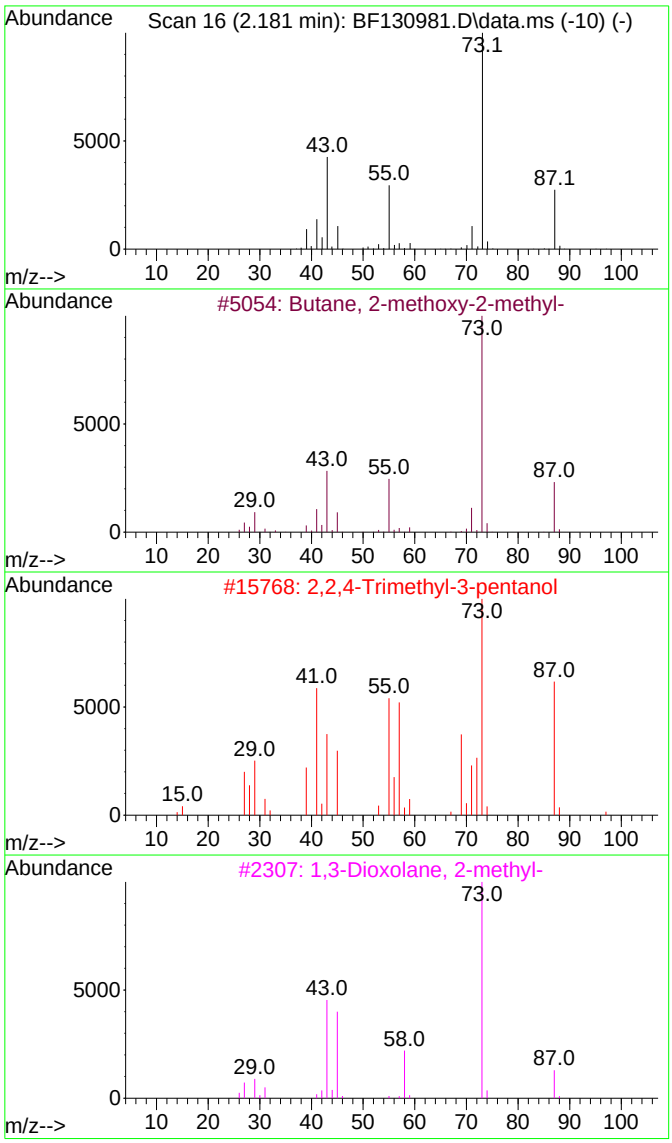
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

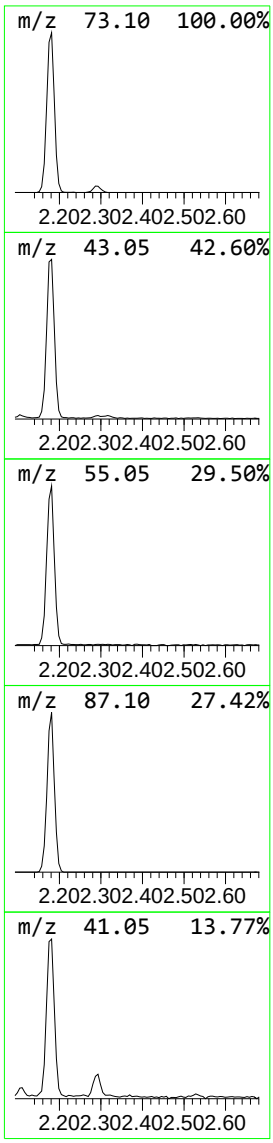
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.181	26.90 ng	622429	1,4-Dichlorobenzene-d4	6.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130981.D
Acq On : 04 Nov 2022 02:40
Operator : CG\JU
Sample : N5397-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ALBANY-STREET

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

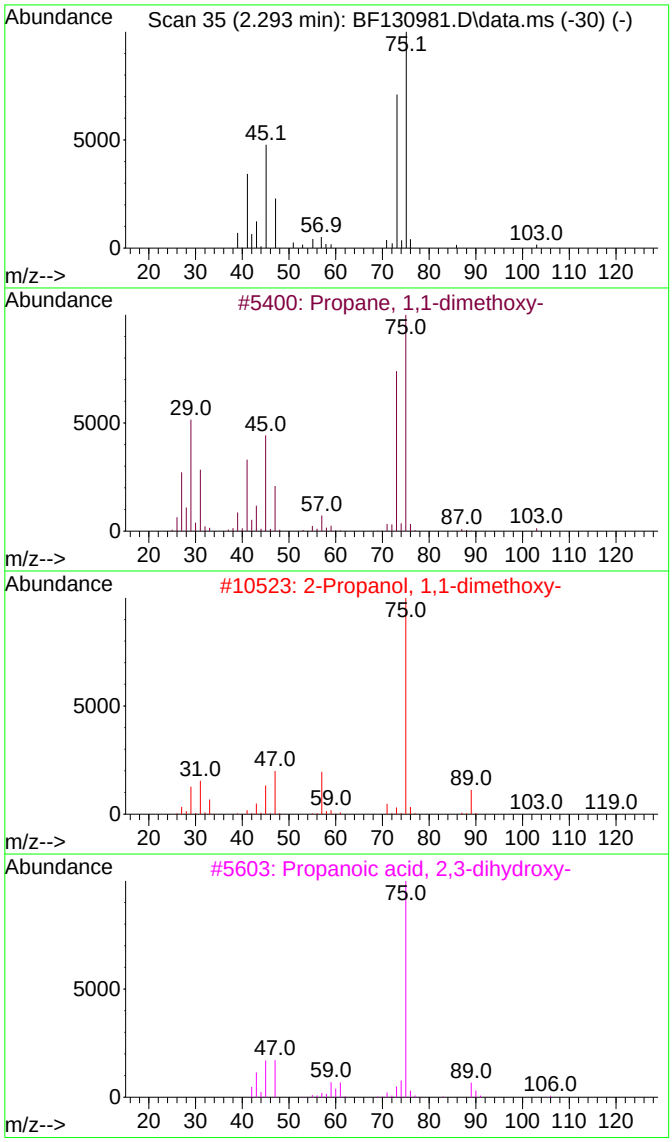
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

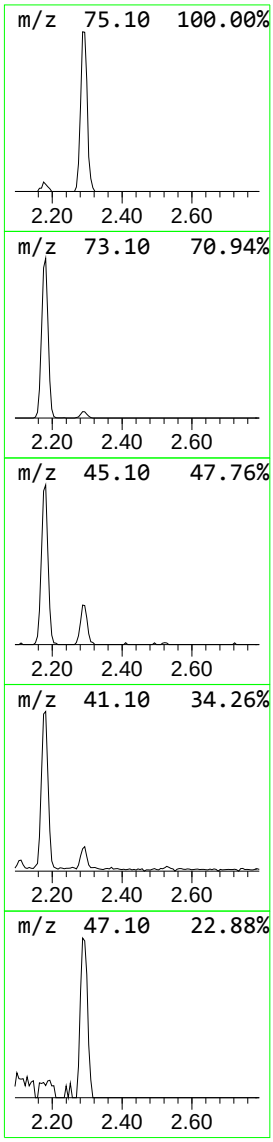
****

Peak Number 2 Propane, 1,1-dimethoxy- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.293	2.00 ng	46327	1,4-Dichlorobenzene-d4	6.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	59
2	2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	42
3	Propanoic acid, 2,3-dihydroxy-	106	C3H6O4	000473-81-4	36
4	1,2-Dimethoxy-2-methylpropan-1-a...	133	C6H15NO2	1000445-17-2	9
5	Aminoacetaldehyde dimethyl acetal	105	C4H11NO2	022483-09-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130981.D
Acq On : 04 Nov 2022 02:40
Operator : CG\JU
Sample : N5397-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ALBANY-STREET

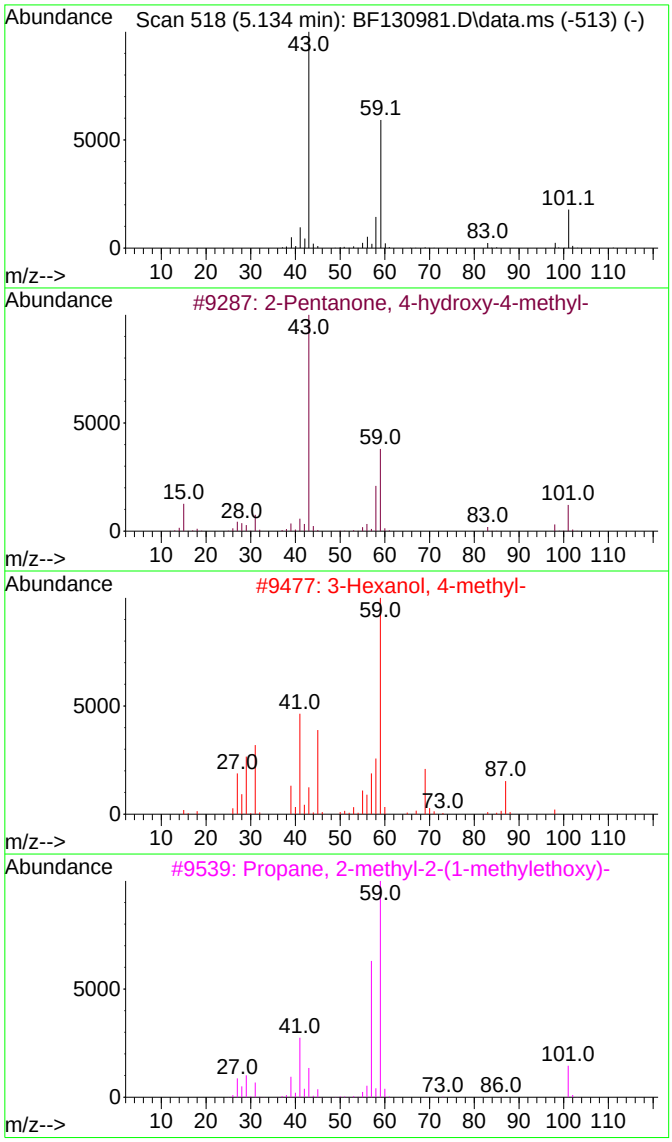
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

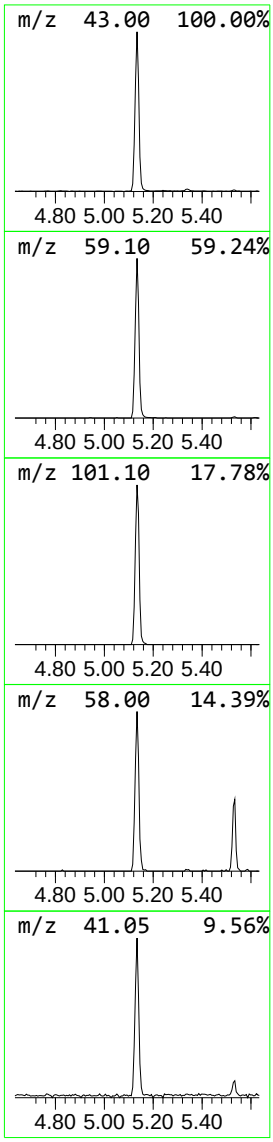
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.134	18.75 ng	433774	1,4-Dichlorobenzene-d4	6.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
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Instrument :
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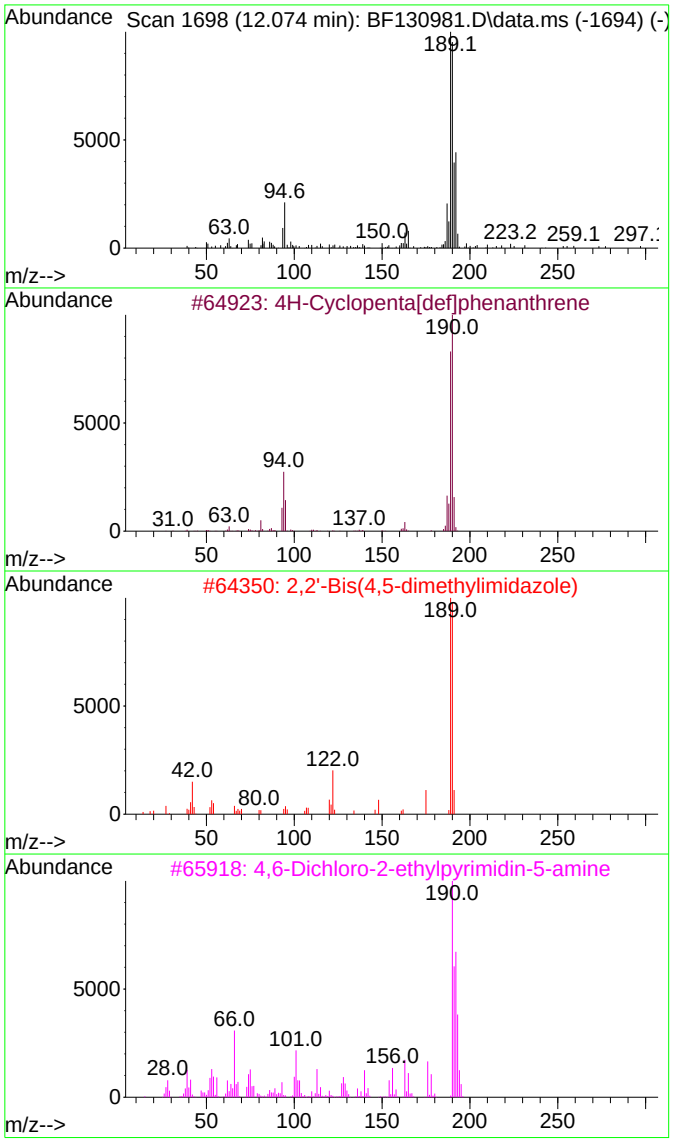
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

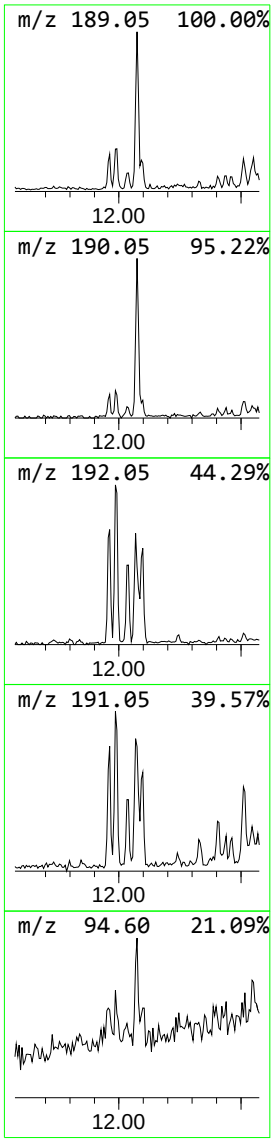
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.075	2.96 ng	91588	Phenanthrene-d10	11.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43
3	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	38
4	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	38
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	25





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Data File : BF130981.D
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Operator : CG\JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

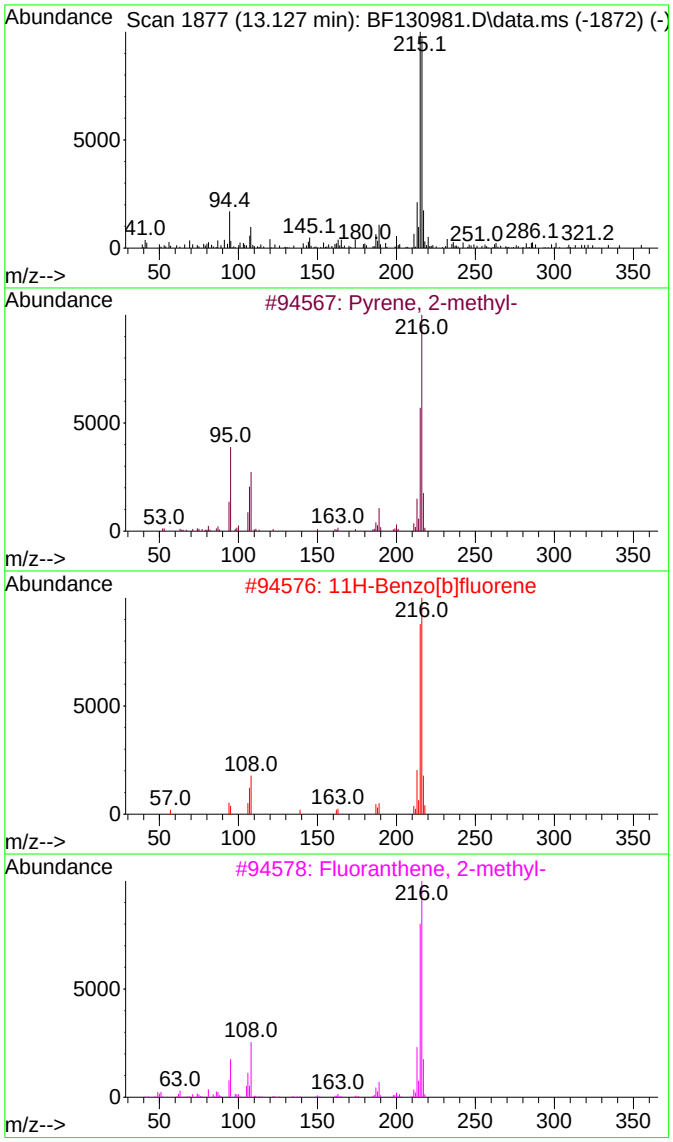
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

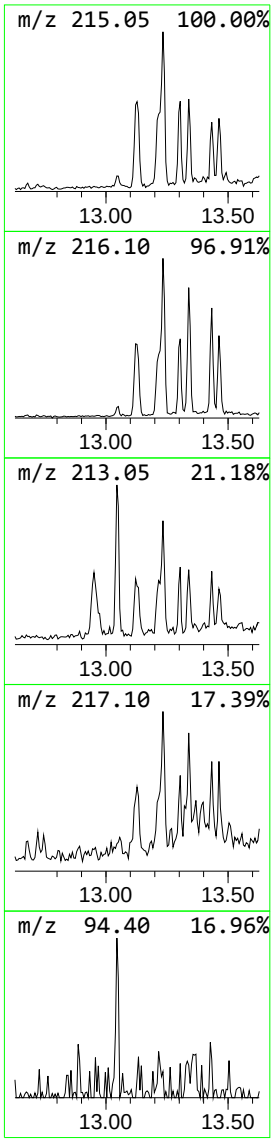
****

Peak Number 5 Pyrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.127	2.58 ng	94507	Chrysene-d12	14.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70





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BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

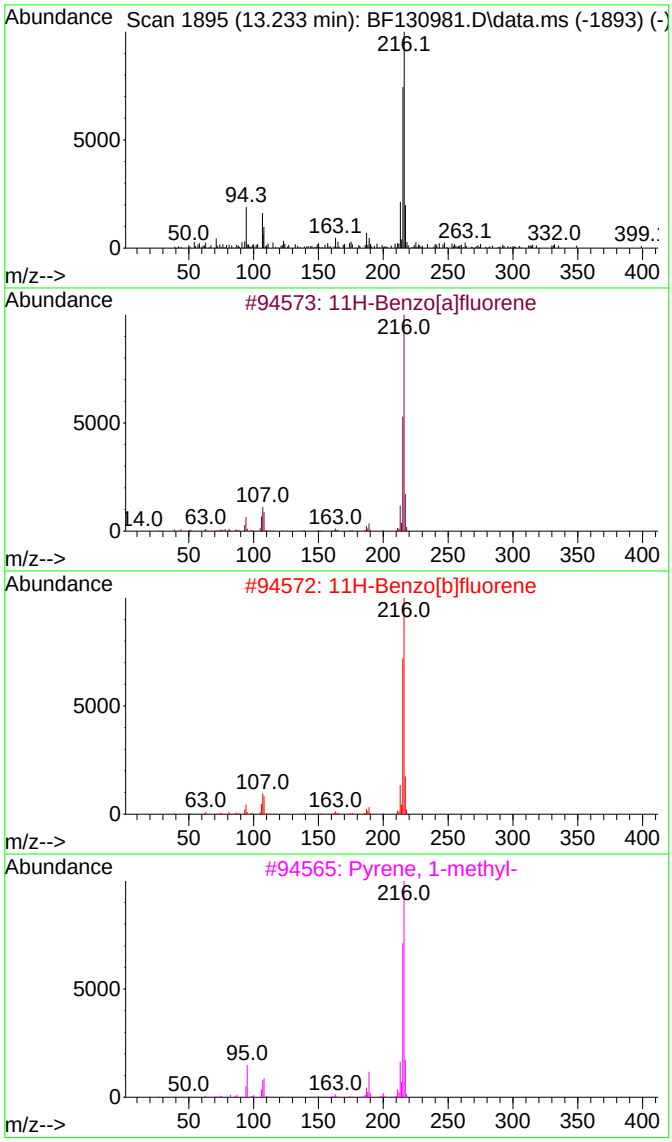
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

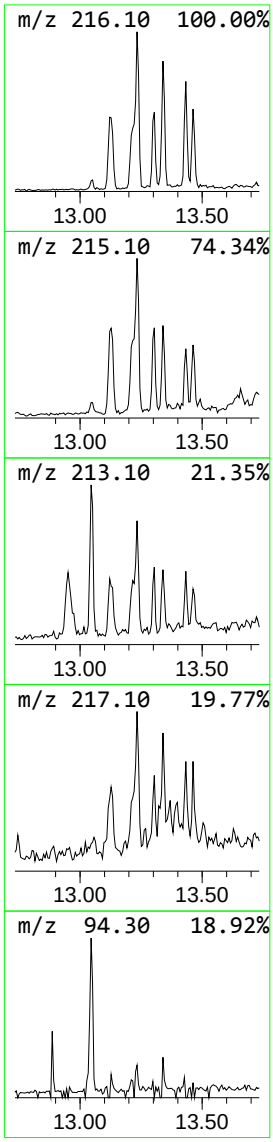
****

Peak Number 6 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.233	2.14 ng	78078	Chrysene-d12	14.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	.beta.-Carboline, 1,2,3,4-tetrah...	260	C14H16N2O3	029573-11-3	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130981.D
Acq On : 04 Nov 2022 02:40
Operator : CG\JU
Sample : N5397-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ALBANY-STREET

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

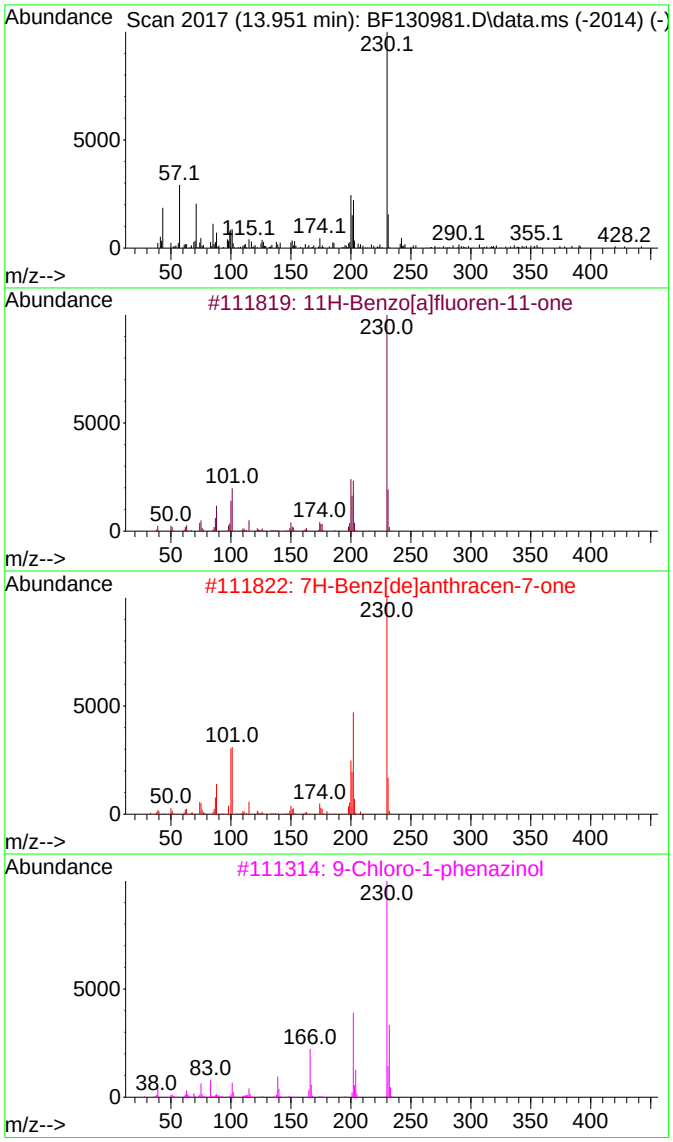
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

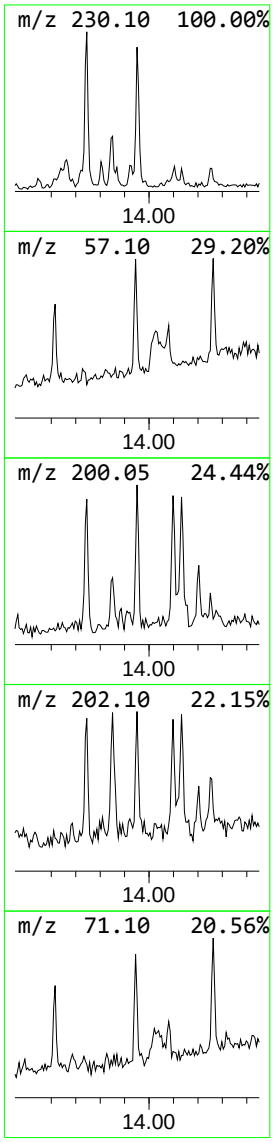
****

Peak Number 7 11H-Benzo[a]fluoren-11-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.951	2.64 ng	96645	Chrysene-d12	14.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	62
3	9-Chloro-1-phenazinol	230	C12H7ClN2O	091268-03-0	47
4	m-Terphenyl	230	C18H14	000092-06-8	43
5	1,1'-Biphenyl, 5-hydroxy-3,4'-di...	230	C14H14O3	119101-26-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130981.D
Acq On : 04 Nov 2022 02:40
Operator : CG\JU
Sample : N5397-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ALBANY-STREET

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

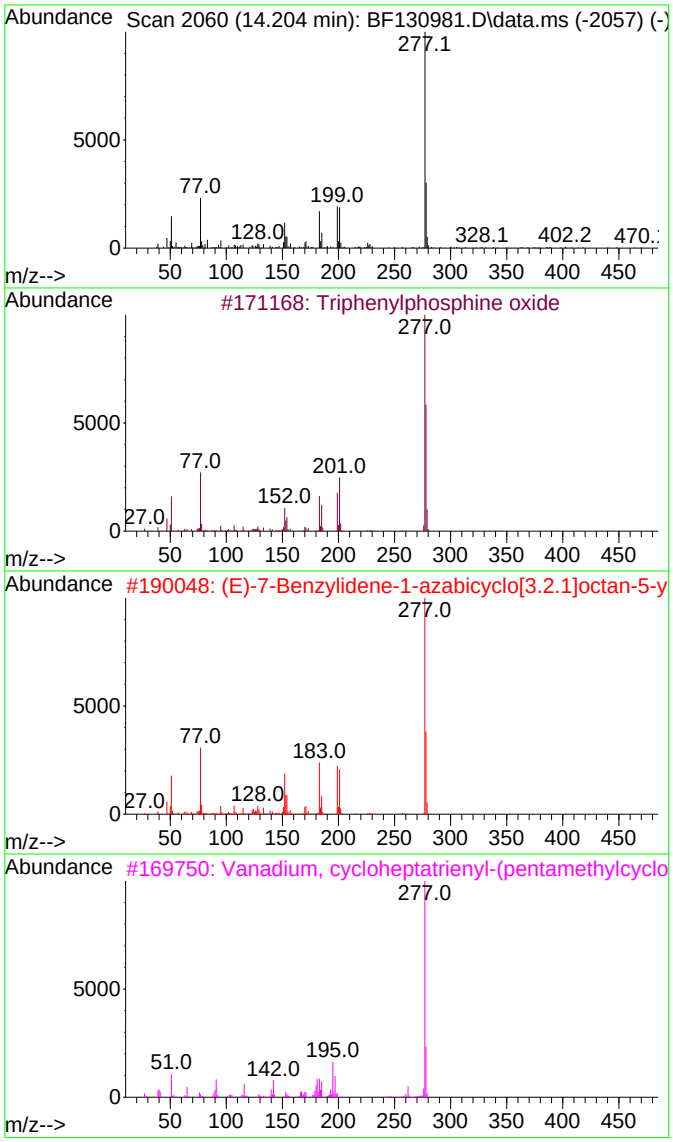
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

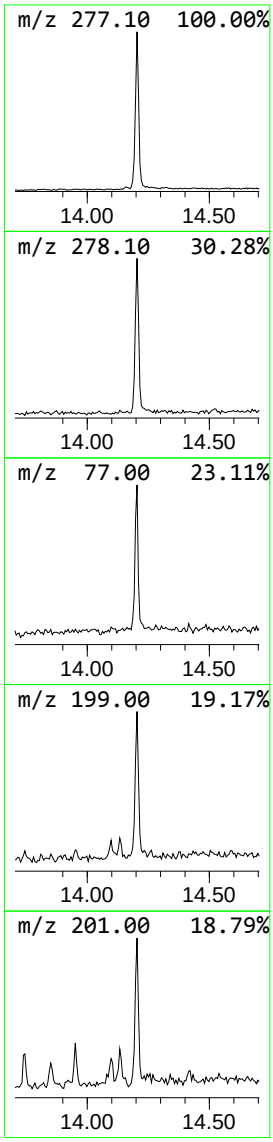
****

Peak Number 8 Triphenylphosphine oxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.204	5.93 ng	216672	Chrysene-d12	14.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	83
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	68
3	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	47
4	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	45
5	Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130981.D
Acq On : 04 Nov 2022 02:40
Operator : CG\JU
Sample : N5397-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ALBANY-STREET

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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
Butane, 2-metho...	2.181	26.9	ng	622429	1	6.922	462733	20.0
Propane, 1,1-di...	2.293	2.0	ng	46327	1	6.922	462733	20.0
2-Pentanone, 4-...	5.134	18.8	ng	433774	1	6.922	462733	20.0
4H-Cyclopenta[d...	12.075	3.0	ng	91588	4	11.457	618386	20.0
Pyrene, 2-methyl-	13.127	2.6	ng	94507	5	14.110	731205	20.0
11H-Benzo[a]flu...	13.233	2.1	ng	78078	5	14.110	731205	20.0
11H-Benzo[a]flu...	13.951	2.6	ng	96645	5	14.110	731205	20.0
Triphenylphosph...	14.204	5.9	ng	216672	5	14.110	731205	20.0