LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059929.D
Acq On : 12 Jul 2024 18:09
Operator : MD/SY
Sample : P3217-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
YDZK3

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU059929.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.358 | 16 | 21 | 37 | rVB2 | 7074 | 10343 | 1.72% | 0.142% |
| 2 | 1.592 | 85 | 94 | 105 | rBV | 88638 | 106935 | 17.78% | 1.470% |
| 3 | 1.907 | 183 | 192 | 205 | rVB | 63631 | 87138 | 14.49% | 1.198% |
| 4 | 2.557 | 383 | 394 | 410 | rVB | 131824 | 212525 | 35.34% | 2.921% |
| 5 | 3.361 | 632 | 644 | 655 | rBV5 | 4835 | 11255 | 1.87% | 0.155% |
| 6 | 3.862 | 786 | 800 | 818 | rBV2 | 6628 | 16499 | 2.74% | 0.227% |
| 7 | 4.657 | 1033 | 1047 | 1084 | rBV3 | 109058 | 339397 | 56.43% | 4.664% |
| 8 | 5.055 | 1153 | 1171 | 1193 | rBV | 110212 | 252484 | 41.98% | 3.470% |
| 9 | 5.718 | 1358 | 1377 | 1410 | rBV3 | 230593 | 601454 | 100.00% | 8.266% |
| 10 | 6.242 | 1528 | 1540 | 1569 | rBV | 225535 | 441956 | 73.48% | 6.074% |
| 11 | 6.538 | 1622 | 1632 | 1648 | rVB8 | 7292 | 15271 | 2.54% | 0.210% |
| 12 | 6.685 | 1664 | 1678 | 1695 | rBV | 135103 | 267582 | 44.49% | 3.677% |
| 13 | 7.560 | 1937 | 1950 | 1972 | rBV | 64150 | 118552 | 19.71% | 1.629% |
| 14 | 7.891 | 2041 | 2053 | 2070 | rBV | 285019 | 500083 | 83.15% | 6.873% |
| 15 | 7.968 | 2071 | 2077 | 2085 | rVB4 | 4700 | 8355 | 1.39% | 0.115% |
| 16 | 8.177 | 2131 | 2142 | 2159 | rBV2 | 38866 | 70009 | 11.64% | 0.962% |
| 17 | 8.467 | 2219 | 2232 | 2244 | rBV | 18083 | 31618 | 5.26% | 0.435% |
| 18 | 8.631 | 2272 | 2283 | 2318 | rBV | 268661 | 557273 | 92.65% | 7.659% |
| 19 | 9.412 | 2514 | 2526 | 2550 | rBV | 335260 | 599070 | 99.60% | 8.233% |
| 20 | 9.698 | 2606 | 2615 | 2625 | rVB3 | 3434 | 6090 | 1.01% | 0.084% |
| 21 | 10.750 | 2929 | 2942 | 2965 | rVB | 107505 | 179843 | 29.90% | 2.472% |
| 22 | 10.888 | 2970 | 2985 | 3000 | rVB | 161686 | 272892 | 45.37% | 3.750% |
| 23 | 11.470 | 3156 | 3166 | 3177 | rBV2 | 4113 | 6424 | 1.07% | 0.088% |
| 24 | 11.807 | 3258 | 3271 | 3290 | rBV | 342462 | 568560 | 94.53% | 7.814% |
| 25 | 12.187 | 3376 | 3389 | 3414 | rBV | 284002 | 502548 | 83.56% | 6.907% |
| 26 | 12.766 | 3557 | 3569 | 3580 | rVB2 | 16907 | 28043 | 4.66% | 0.385% |
| 27 | 13.727 | 3860 | 3868 | 3877 | rVB6 | 7603 | 12480 | 2.07% | 0.172% |
| 28 | 13.823 | 3890 | 3898 | 3906 | rBV8 | 3761 | 6593 | 1.10% | 0.091% |
| 29 | 13.946 | 3929 | 3936 | 3946 | rVB8 | 5635 | 10197 | 1.70% | 0.140% |
| 30 | 14.090 | 3968 | 3981 | 3995 | rBV2 | 10816 | 20836 | 3.46% | 0.286% |
| 31 | 14.286 | 4033 | 4042 | 4053 | rBV2 | 3831 | 7342 | 1.22% | 0.101% |
| 32 | 14.576 | 4121 | 4132 | 4141 | rBV2 | 7463 | 12760 | 2.12% | 0.175% |
| 33 | 14.669 | 4149 | 4161 | 4174 | rBV10 | 7746 | 18032 | 3.00% | 0.248% |
| 34 | 14.804 | 4196 | 4203 | 4212 | rBV4 | 7706 | 11234 | 1.87% | 0.154% |
| 35 | 14.868 | 4215 | 4223 | 4233 | rVB4 | 8084 | 12969 | 2.16% | 0.178% |
| 36 | 15.010 | 4259 | 4267 | 4277 | rBV4 | 8172 | 14472 | 2.41% | 0.199% |

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
YDZK3

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Title : TRACE VOA SFAM1.0

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 15.216 | 4315 | 4331 | 4359 | rBV | 227754 | 390191 | 64.87% | 5.362% |
| 38 | 15.402 | 4377 | 4389 | 4403 | rBV | 258337 | 431193 | 71.69% | 5.926% |
| 39 | 15.920 | 4542 | 4550 | 4565 | rBV4 | 10339 | 19745 | 3.28% | 0.271% |
| 40 | 16.142 | 4604 | 4619 | 4625 | rBV2 | 21948 | 39188 | 6.52% | 0.539% |
| 41 | 16.177 | 4626 | 4630 | 4639 | rVB2 | 16813 | 22291 | 3.71% | 0.306% |
| 42 | 16.257 | 4645 | 4655 | 4666 | rBV2 | 57240 | 99304 | 16.51% | 1.365% |
| 43 | 16.402 | 4690 | 4700 | 4707 | rBV2 | 89591 | 144143 | 23.97% | 1.981% |
| 44 | 16.441 | 4707 | 4712 | 4726 | rVB | 48914 | 77297 | 12.85% | 1.062% |
| 45 | 16.524 | 4735 | 4738 | 4752 | rVB | 5976 | 9156 | 1.52% | 0.126% |
| 46 | 16.608 | 4755 | 4764 | 4766 | rBV2 | 14233 | 18041 | 3.00% | 0.248% |
| 47 | 16.637 | 4767 | 4773 | 4782 | rVB3 | 24100 | 39677 | 6.60% | 0.545% |
| 48 | 16.781 | 4806 | 4818 | 4833 | rVB3 | 18441 | 40951 | 6.81% | 0.563% |
| 49 | 16.875 | 4843 | 4847 | 4858 | rVB10 | 4326 | 6021 | 1.00% | 0.083% |

Sum of corrected areas: 7276312

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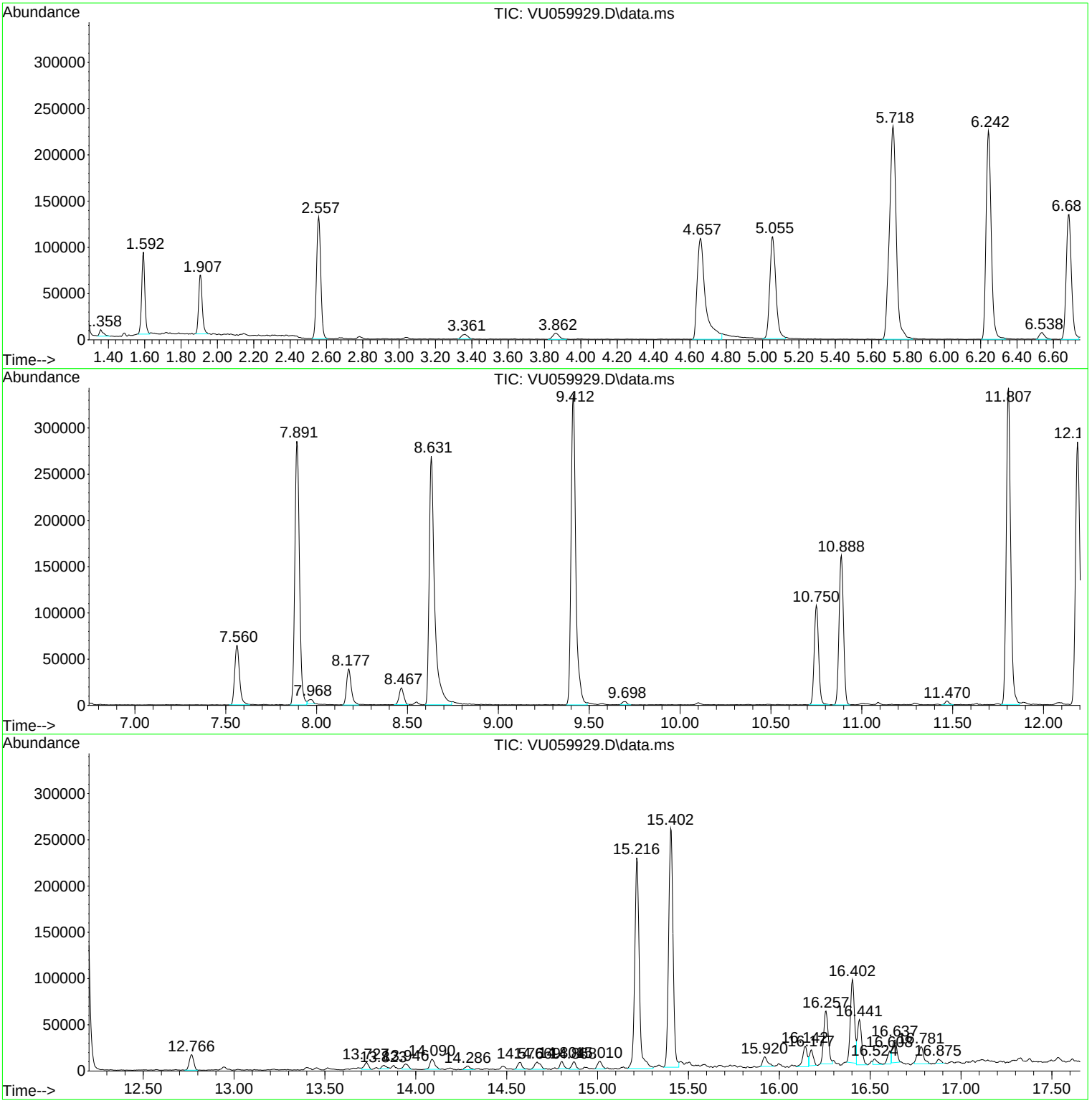
Sample : P3217-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
YDZK3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059929.D
Acq On : 12 Jul 2024 18:09
Operator : MD/SY
Sample : P3217-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
YDZK3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

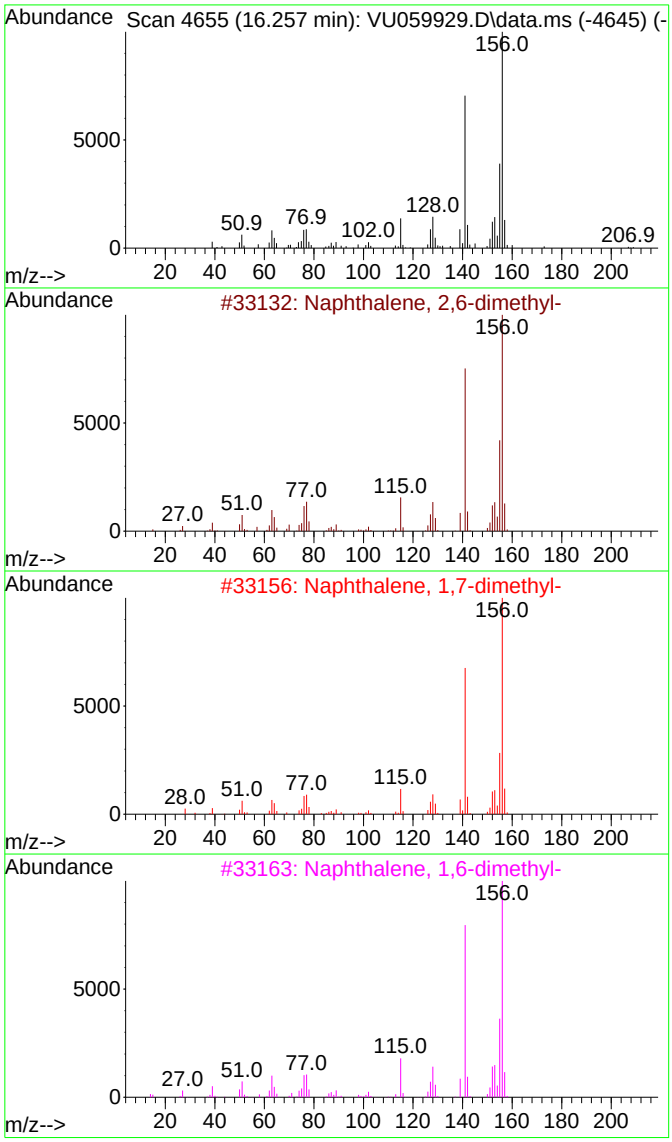
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

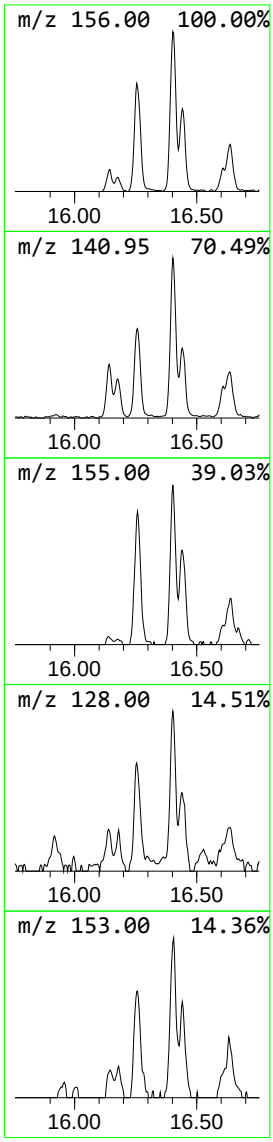
**********

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.257 | 0.87 ug/L | 99304 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 2 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 97 |
| 3 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 97 |
| 4 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 97 |
| 5 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059929.D
Acq On : 12 Jul 2024 18:09
Operator : MD/SY
Sample : P3217-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
YDZK3

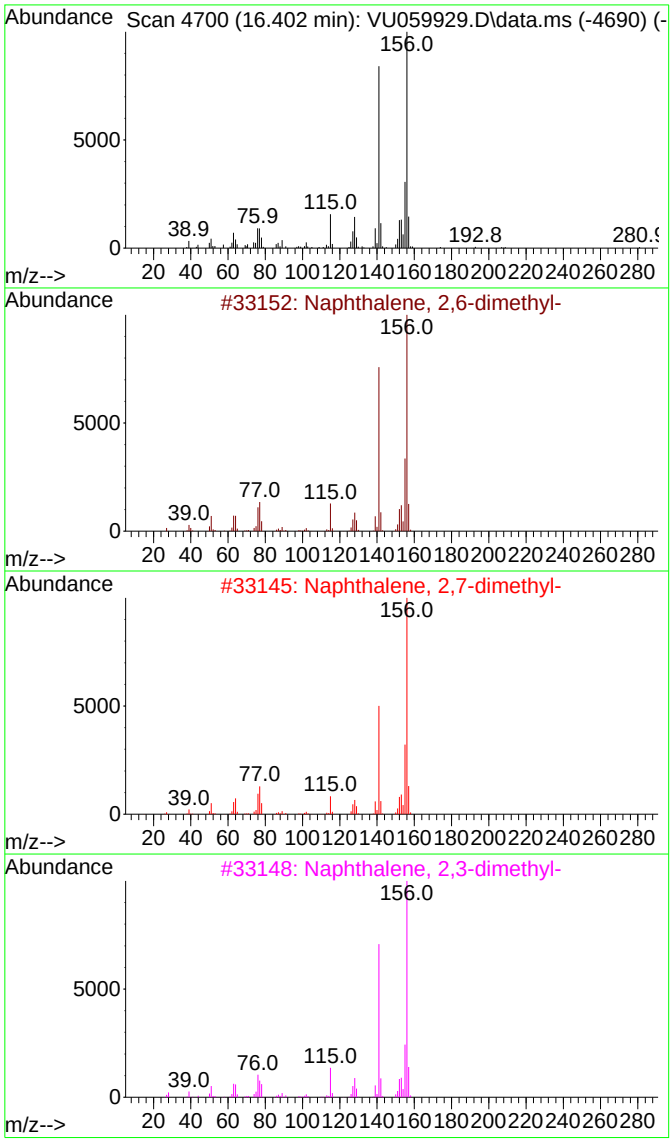
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

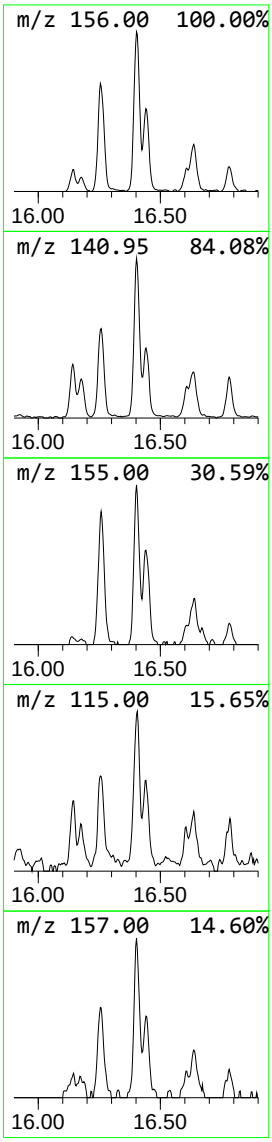
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Naphthalene, 2,7-dimethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.402 | 1.27 ug/L | 144143 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 2 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 97 |
| 3 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 4 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 5 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059929.D
Acq On : 12 Jul 2024 18:09
Operator : MD/SY
Sample : P3217-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
YDZK3

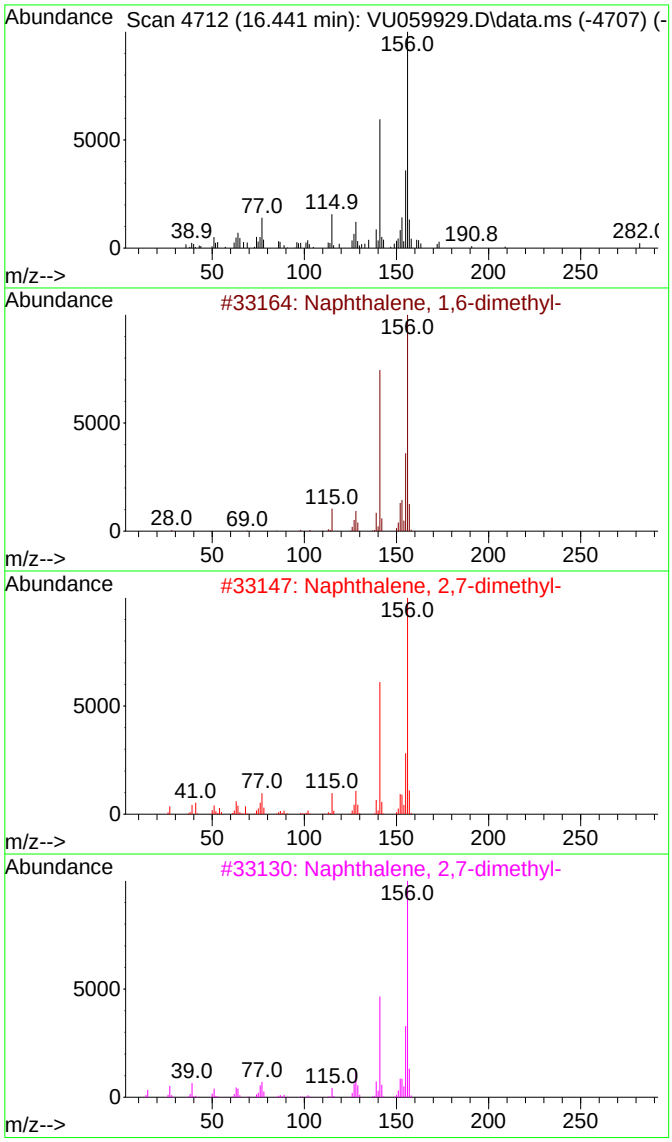
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

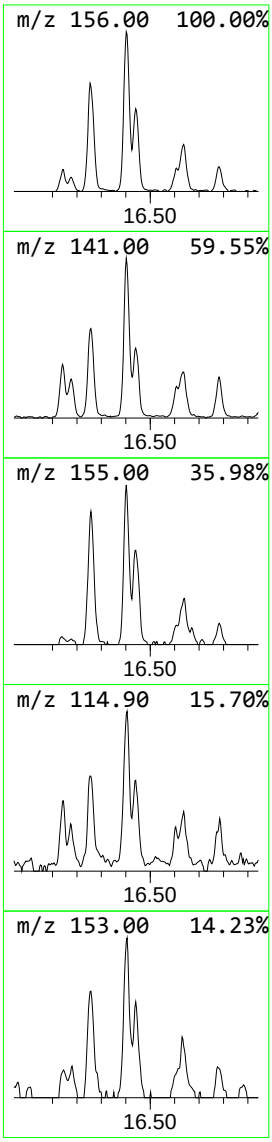
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.441 | 0.68 ug/L | 77297 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 94 |
| 2 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 93 |
| 3 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 93 |
| 4 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 93 |
| 5 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 93 |



Tentatively Identified Compound (LSC) summary

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Data File : VU059929.D
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Operator : MD/SY
Sample : P3217-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
YDZK3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Naphthalene, 2,... | 16.257 | 0.9 | ug/L | 99304 | 3 | 11.807 | 568560 | 5.0 |
| Naphthalene, 2,... | 16.402 | 1.3 | ug/L | 144143 | 3 | 11.807 | 568560 | 5.0 |
| Naphthalene, 1,... | 16.441 | 0.7 | ug/L | 77297 | 3 | 11.807 | 568560 | 5.0 |